

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086143.D
 Acq On : 28 Mar 2025 12:07
 Operator : JC\MD
 Sample : VN0328WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2025
 Supervised By : Mahesh Dadoda 03/31/2025

Quant Time: Mar 28 23:37:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	239264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	387346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	347341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166924	50.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.900%			
35) Dibromofluoromethane	8.165	113	142340	52.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.300%			
50) Toluene-d8	10.565	98	537648	54.793	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.580%			
62) 4-Bromofluorobenzene	12.847	95	181055	51.739	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53703	16.942	ug/l	96
3) Chloromethane	2.359	50	53907	19.398	ug/l	98
4) Vinyl Chloride	2.512	62	58747	20.676	ug/l	96
5) Bromomethane	2.959	94	37652	19.454	ug/l	96
6) Chloroethane	3.118	64	37326	20.824	ug/l	95
7) Trichlorofluoromethane	3.500	101	92695	18.148	ug/l	95
8) Diethyl Ether	3.965	74	28979	18.533	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	53496	19.706	ug/l	97
10) Methyl Iodide	4.589	142	65984	18.654	ug/l	99
11) Tert butyl alcohol	5.518	59	37271	80.348	ug/l #	91
12) 1,1-Dichloroethene	4.336	96	47633	19.432	ug/l	95
13) Acrolein	4.183	56	34850	70.439	ug/l	95
14) Allyl chloride	5.024	41	57553	18.820	ug/l	95
15) Acrylonitrile	5.718	53	117970	96.296	ug/l	98
16) Acetone	4.424	43	89137	89.052	ug/l	94
17) Carbon Disulfide	4.712	76	134113	16.636	ug/l	97
18) Methyl Acetate	5.024	43	55443	22.387	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	147757	18.395	ug/l	97
20) Methylene Chloride	5.271	84	57867	19.762	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	51475	19.215	ug/l	98
22) Diisopropyl ether	6.671	45	145319	22.299	ug/l	98
23) Vinyl Acetate	6.606	43	482504	97.671	ug/l	99
24) 1,1-Dichloroethane	6.571	63	96932	20.228	ug/l	97
25) 2-Butanone	7.482	43	136294	94.366	ug/l	100
26) 2,2-Dichloropropane	7.488	77	86236	18.692	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	58713	19.287	ug/l	96
28) Bromochloromethane	7.806	49	40303	19.851	ug/l	96
29) Tetrahydrofuran	7.841	42	93684	105.066	ug/l	94
30) Chloroform	7.965	83	106081	20.027	ug/l	99
31) Cyclohexane	8.259	56	79518	19.478	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	95903	19.127	ug/l	98
36) 1,1-Dichloropropene	8.371	75	67485	18.956	ug/l	98
37) Ethyl Acetate	7.559	43	60763	20.232	ug/l	97
38) Carbon Tetrachloride	8.359	117	89256	19.068	ug/l	97
39) Methylcyclohexane	9.600	83	62612	17.727	ug/l	95
40) Benzene	8.606	78	226337	20.253	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28918	20.164	ug/l	97
42) 1,2-Dichloroethane	8.671	62	74133	19.037	ug/l	97
43) Isopropyl Acetate	8.688	43	100676	15.469	ug/l	97
44) Trichloroethene	9.347	130	53703	18.541	ug/l	99
45) 1,2-Dichloropropane	9.618	63	53884	21.199	ug/l	97
46) Dibromomethane	9.706	93	39653	19.836	ug/l	99
47) Bromodichloromethane	9.882	83	84083	20.126	ug/l	98
48) Methyl methacrylate	9.676	41	43554	20.280	ug/l	96
49) 1,4-Dioxane	9.694	88	20236	398.591	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	300347	104.642	ug/l	97
52) Toluene	10.629	92	142366	20.756	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	77526	19.108	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	87743	20.497	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	55943	21.369	ug/l	96
56) Ethyl methacrylate	10.871	69	71289	19.930	ug/l	97
57) 1,3-Dichloropropane	11.159	76	88423	19.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	147179	108.017	ug/l	98
59) 2-Hexanone	11.194	43	212621	101.686	ug/l	95
60) Dibromochloromethane	11.359	129	66962	19.822	ug/l	97
61) 1,2-Dibromoethane	11.465	107	52683	19.602	ug/l	96
64) Tetrachloroethene	11.100	164	55906	20.177	ug/l	98
65) Chlorobenzene	11.888	112	152763	19.220	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	57418	19.433	ug/l	96
67) Ethyl Benzene	11.965	91	247677	19.481	ug/l	97
68) m/p-Xylenes	12.070	106	202723	40.568	ug/l	96
69) o-Xylene	12.400	106	91701	19.994	ug/l	97
70) Styrene	12.412	104	156977	20.038	ug/l	97
71) Bromoform	12.576	173	46324	18.755	ug/l #	99
73) Isopropylbenzene	12.694	105	228983	18.803	ug/l	98
74) N-amyl acetate	12.494	43	78177	19.187	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	77481	18.806	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	71467m	17.900	ug/l	
77) Bromobenzene	12.976	156	63200	18.612	ug/l	99
78) n-propylbenzene	13.035	91	270846	19.641	ug/l	99
79) 2-Chlorotoluene	13.123	91	175303	19.139	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	200388	19.489	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	25977	17.202	ug/l	88
82) 4-Chlorotoluene	13.217	91	180075	19.118	ug/l	99
83) tert-Butylbenzene	13.435	119	160550	18.257	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	203809	19.653	ug/l	100
85) sec-Butylbenzene	13.612	105	225569	19.663	ug/l	99
86) p-Isopropyltoluene	13.729	119	183923	18.940	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	117095	19.130	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	114724	17.839	ug/l	100
89) n-Butylbenzene	14.053	91	139625	17.656	ug/l	98
90) Hexachloroethane	14.335	117	39502	17.629	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	113644	18.677	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13801	16.781	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	47341	15.473	ug/l	97
94) Hexachlorobutadiene	15.500	225	27945	15.743	ug/l	99
95) Naphthalene	15.641	128	126634	14.294	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	47837	16.478	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

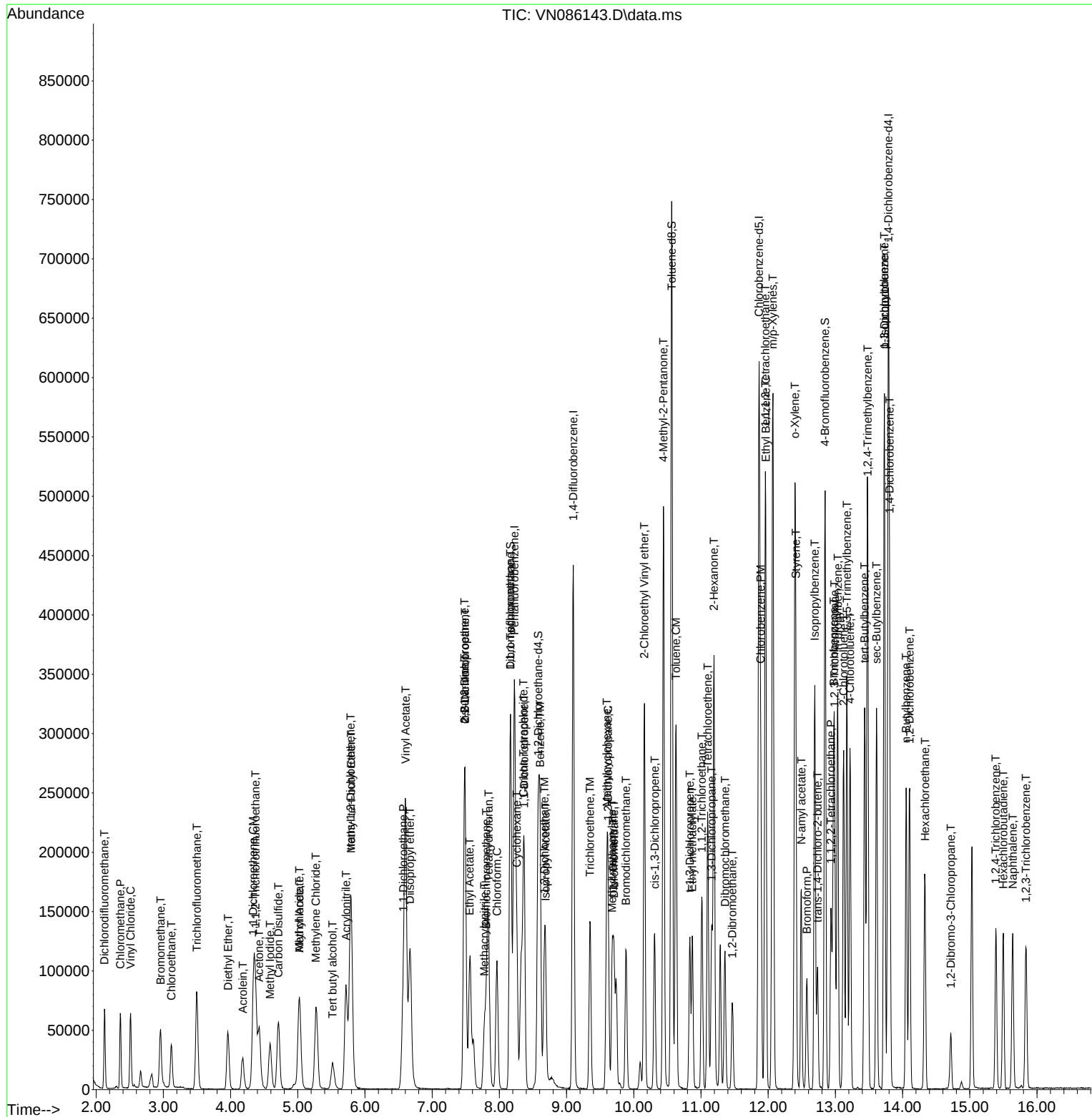
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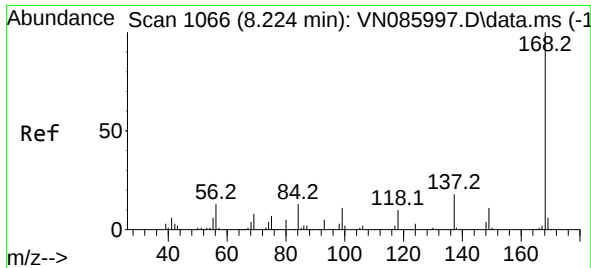
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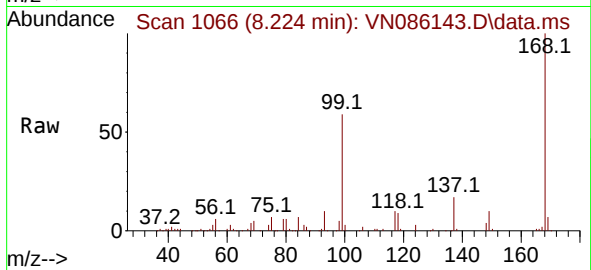
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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Acq: 28 Mar 2025 12:07

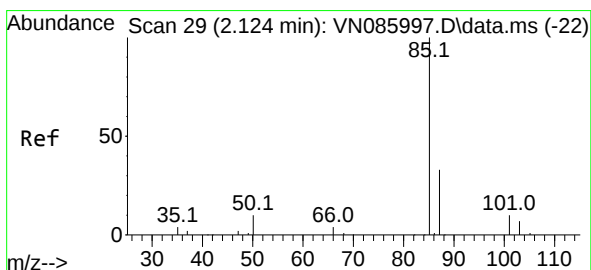
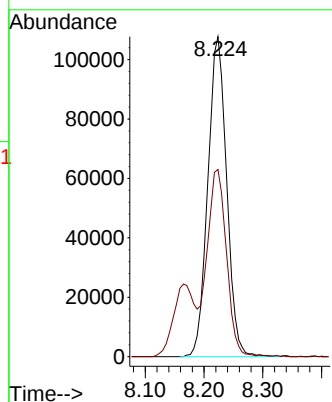
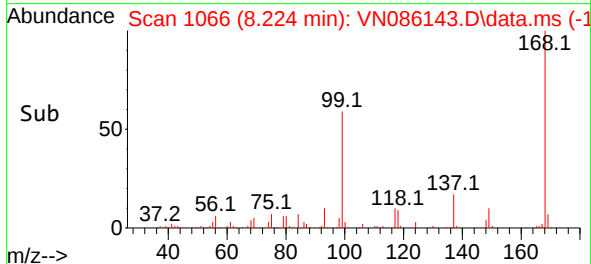
Instrument :
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Tgt Ion:168 Resp: 239264
Ion Ratio Lower Upper
168 100
99 58.4 49.4 74.2

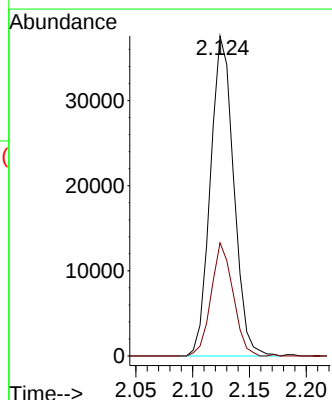
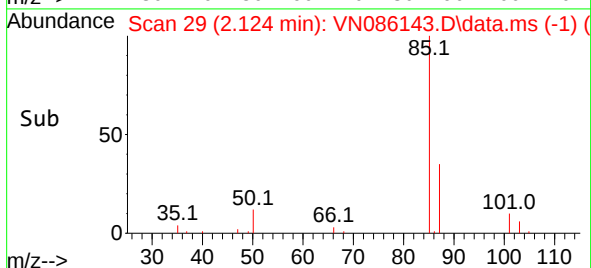
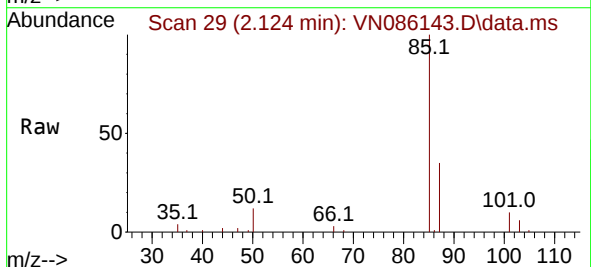
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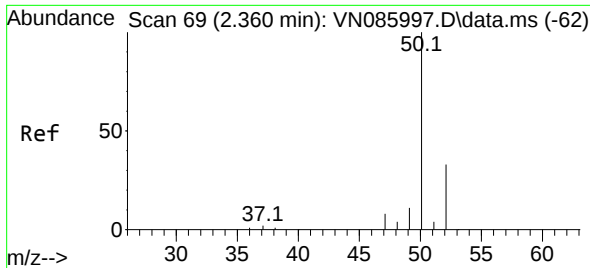
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#2
Dichlorodifluoromethane
Concen: 16.942 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion: 85 Resp: 53703
Ion Ratio Lower Upper
85 100
87 35.4 16.5 49.5





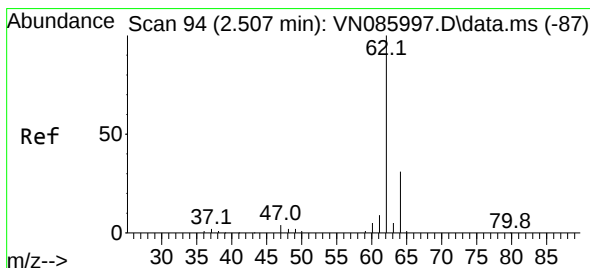
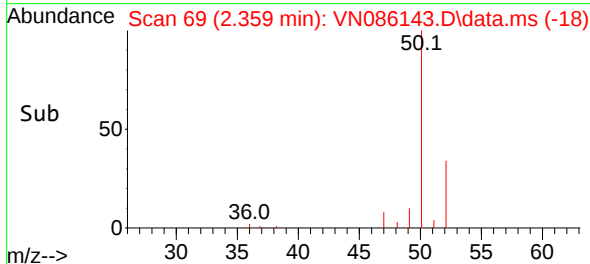
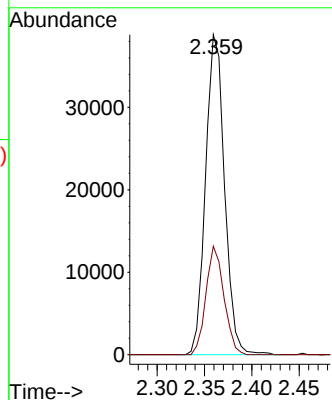
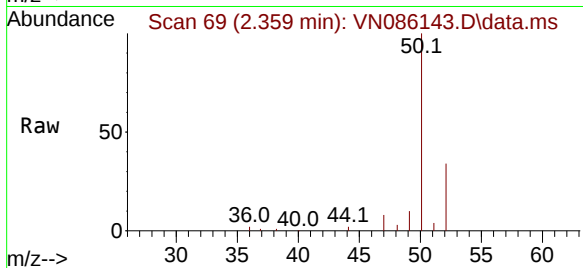
#3
Chloromethane
Concen: 19.398 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
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Tgt Ion: 50 Resp: 5390
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0

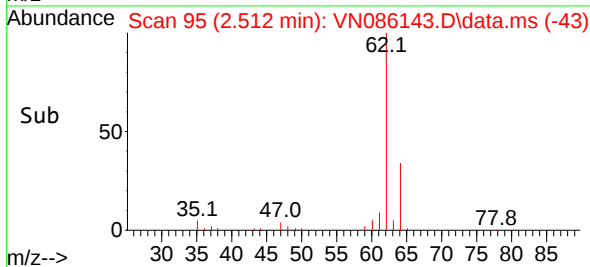
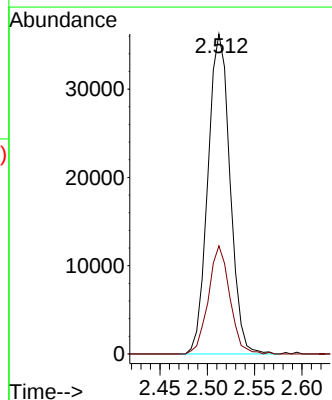
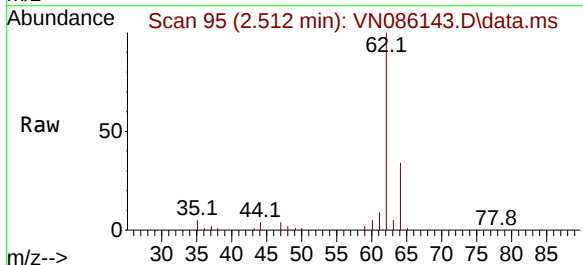
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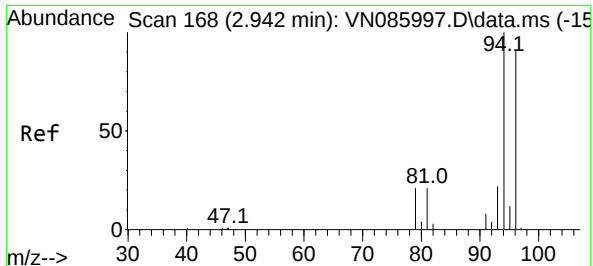
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#4
Vinyl Chloride
Concen: 20.676 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion: 62 Resp: 58747
Ion Ratio Lower Upper
62 100
64 33.8 25.2 37.8





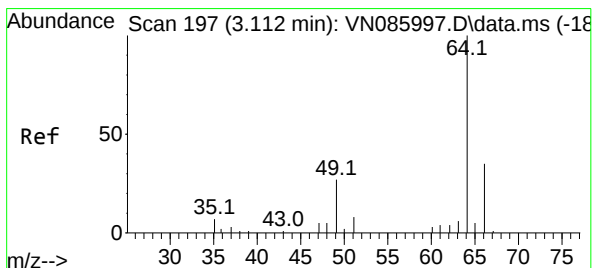
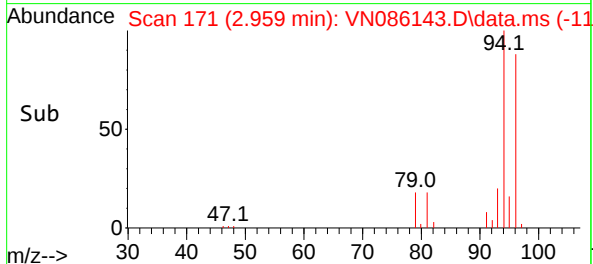
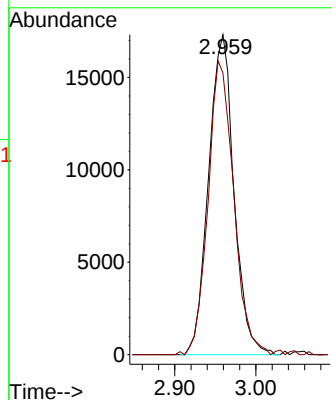
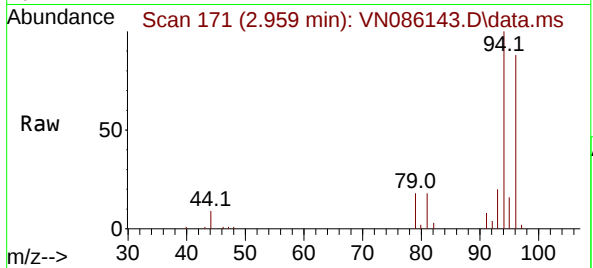
#5
Bromomethane
Concen: 19.454 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN086143.D
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Tgt Ion: 94 Resp: 37652
Ion Ratio Lower Upper
94 100
96 87.0 72.8 109.2

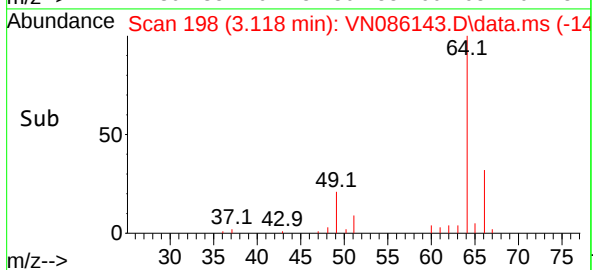
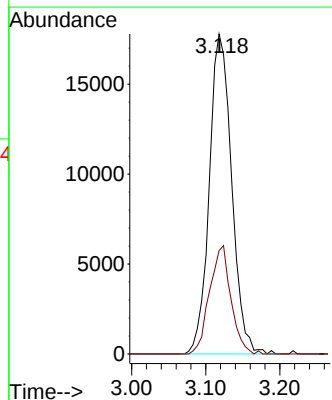
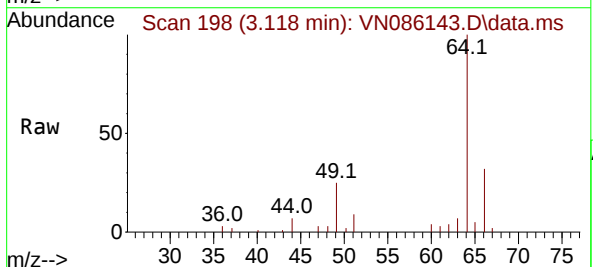
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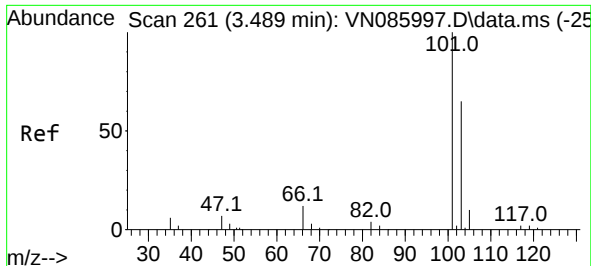
Reviewed By :John Carlone 03/31/2025
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#6
Chloroethane
Concen: 20.824 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion: 64 Resp: 37326
Ion Ratio Lower Upper
64 100
66 32.3 28.3 42.5





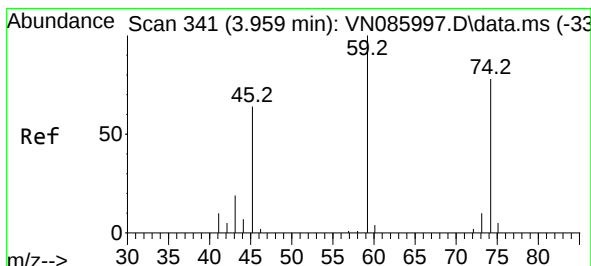
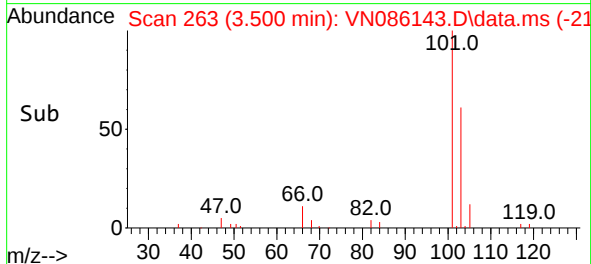
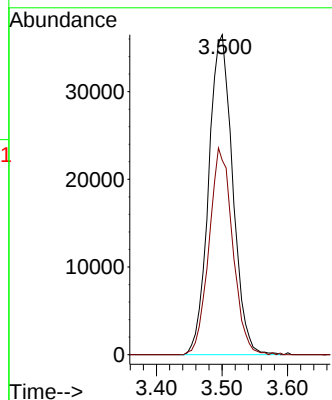
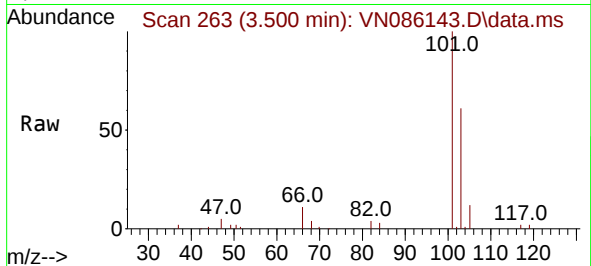
#7
Trichlorofluoromethane
Concen: 18.148 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
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Tgt Ion:101 Resp: 9269
Ion Ratio Lower Upper
101 100
103 60.7 51.7 77.5

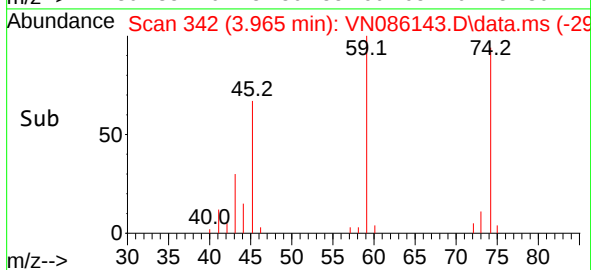
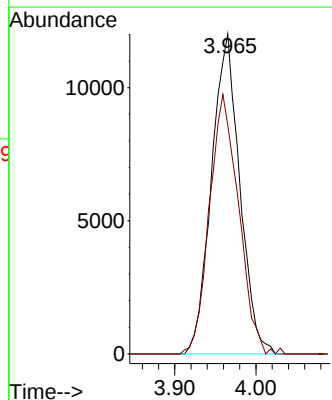
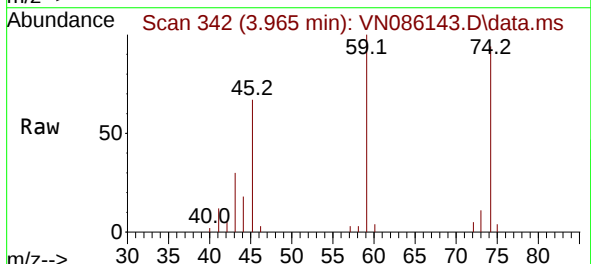
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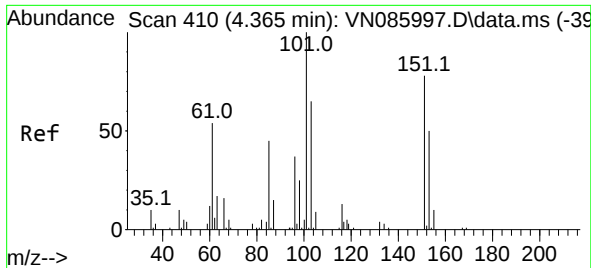
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#8
Diethyl Ether
Concen: 18.533 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion: 74 Resp: 28979
Ion Ratio Lower Upper
74 100
45 83.8 38.0 113.9





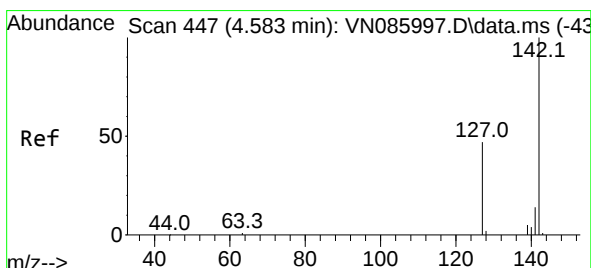
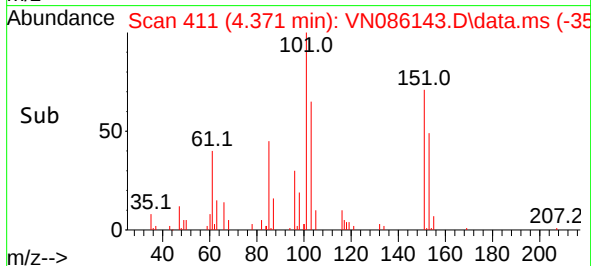
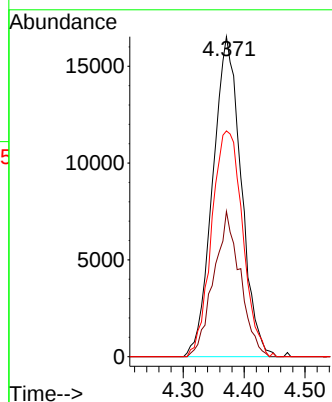
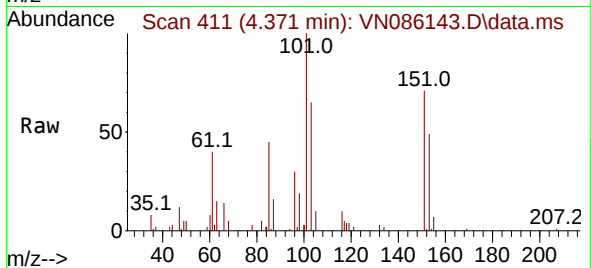
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.706 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion:101 Resp: 53490
Ion Ratio Lower Upper
101 100
85 42.4 36.5 54.7
151 77.1 63.4 95.0

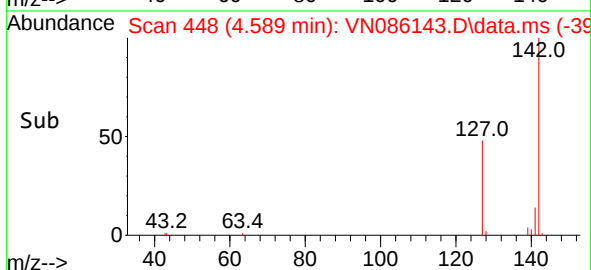
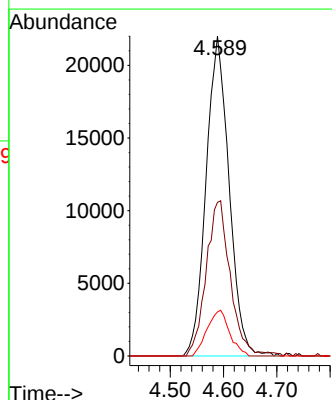
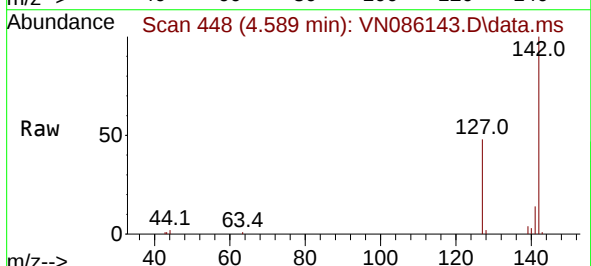
Manual Integrations
APPROVED

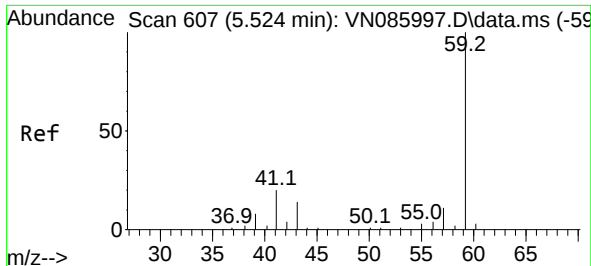
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#10
Methyl Iodide
Concen: 18.654 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

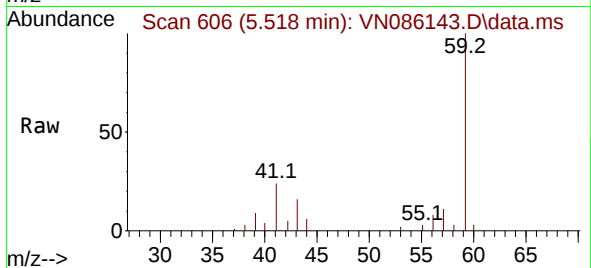
Tgt Ion:142 Resp: 65984
Ion Ratio Lower Upper
142 100
127 48.0 37.5 56.3
141 13.8 11.0 16.6





#11
Tert butyl alcohol
Concen: 80.348 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

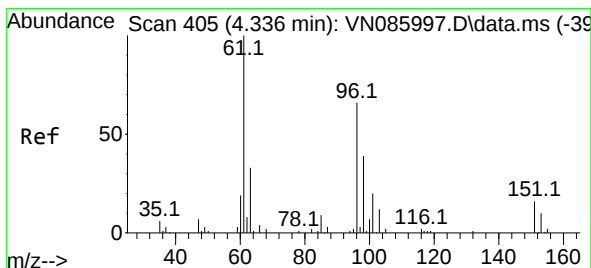
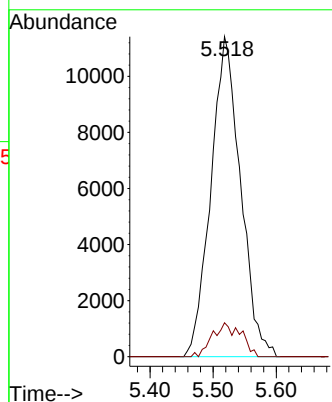
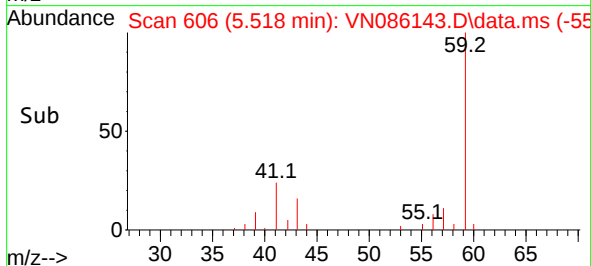
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



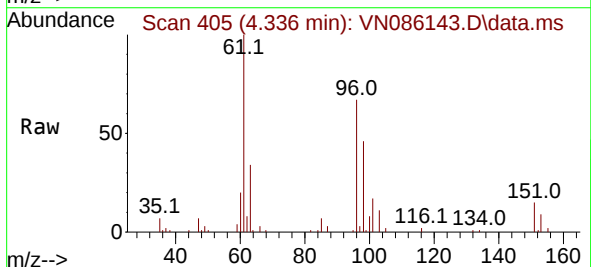
Tgt Ion: 59 Resp: 3727
Ion Ratio Lower Upper
59 100
57 6.7 7.9 11.9

Manual Integrations
APPROVED

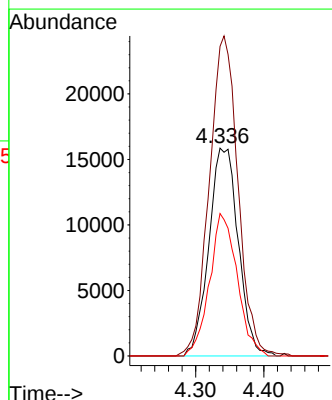
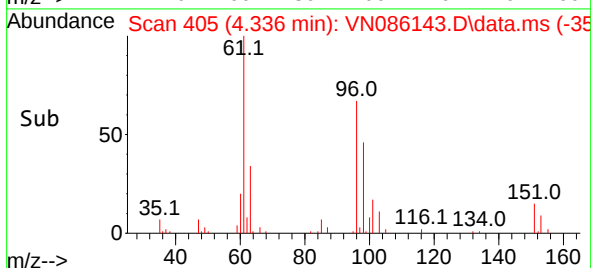
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

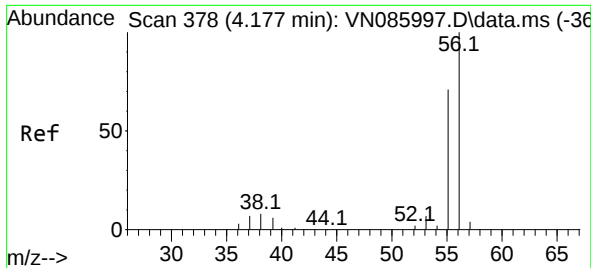


#12
1,1-Dichloroethene
Concen: 19.432 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



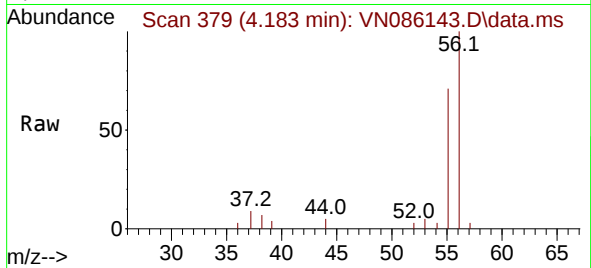
Tgt Ion: 96 Resp: 47633
Ion Ratio Lower Upper
96 100
61 147.9 120.5 180.7
98 68.5 47.4 71.0





#13
Acrolein
Concen: 70.439 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

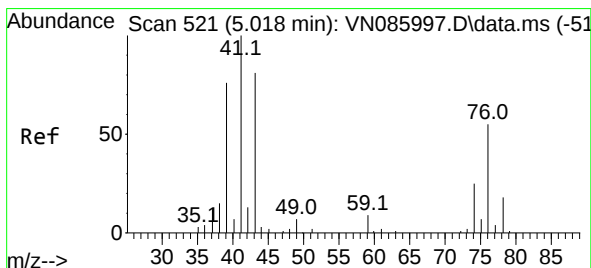
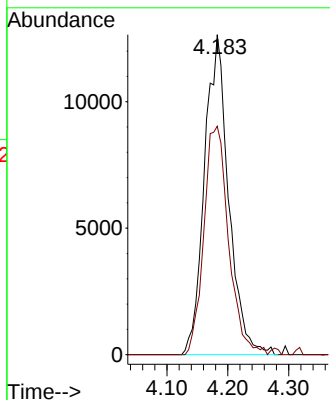
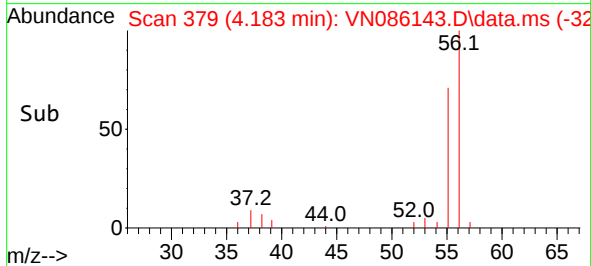
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



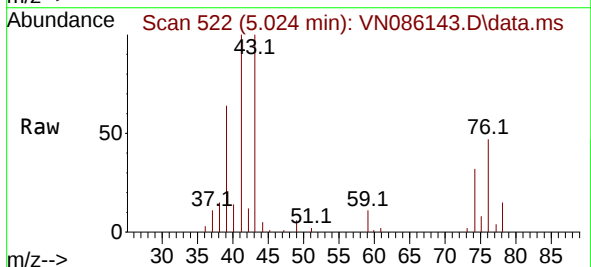
Tgt Ion: 56 Resp: 34850
Ion Ratio Lower Upper
56 100
55 73.0 55.1 82.7

Manual Integrations
APPROVED

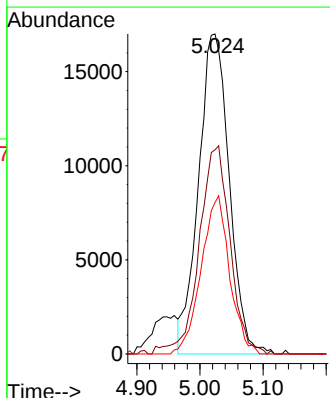
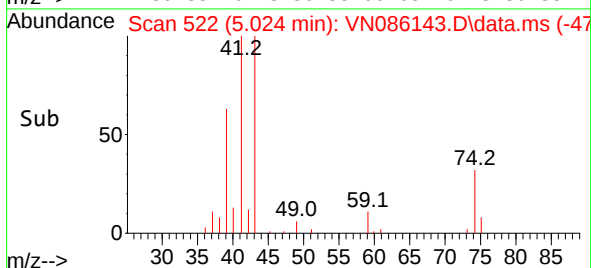
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

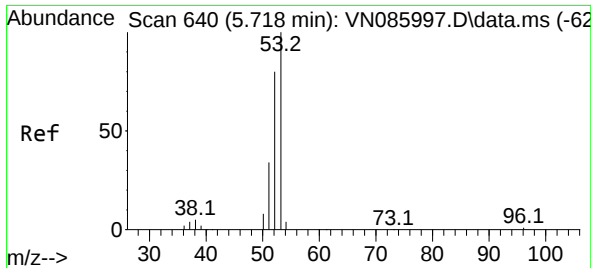


#14
Allyl chloride
Concen: 18.820 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



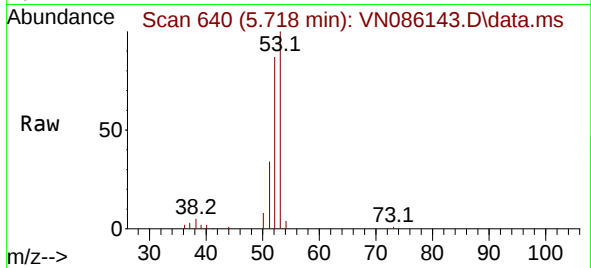
Tgt Ion: 41 Resp: 57553
Ion Ratio Lower Upper
41 100
39 65.5 55.5 83.3
76 45.7 39.1 58.7





#15
Acrylonitrile
Concen: 96.296 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

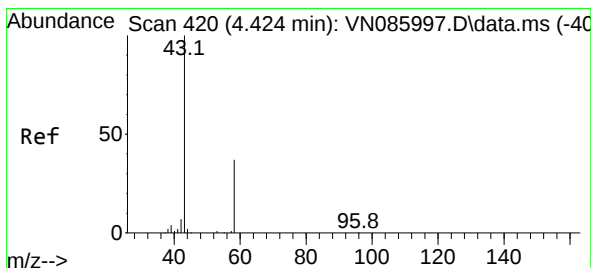
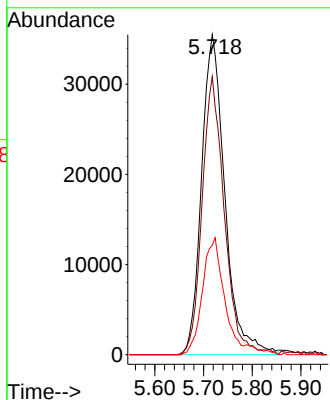
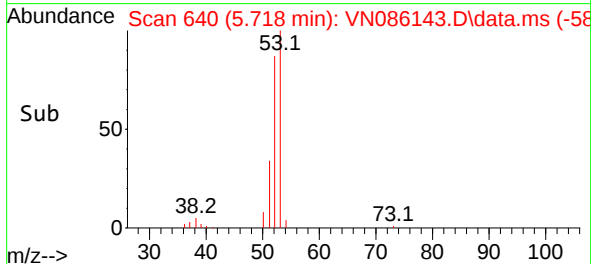
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 53 Resp: 117970
Ion Ratio Lower Upper
53 100
52 82.7 63.9 95.9
51 33.8 27.1 40.7

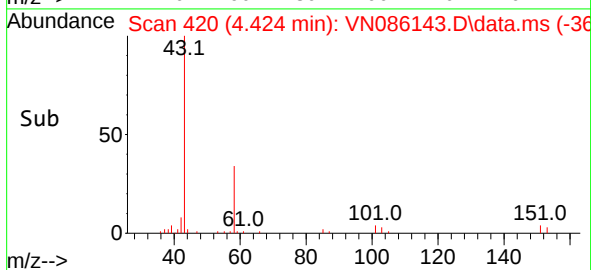
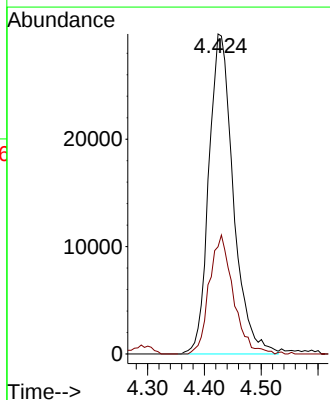
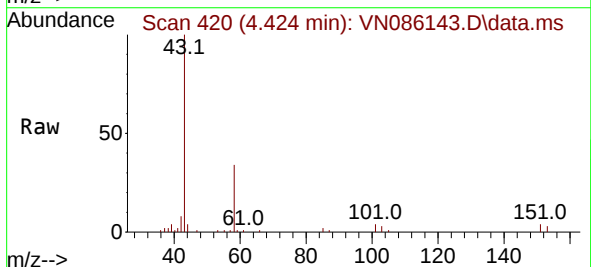
Manual Integrations
APPROVED

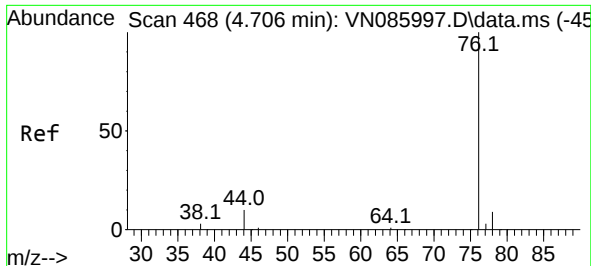
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#16
Acetone
Concen: 89.052 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion: 43 Resp: 89137
Ion Ratio Lower Upper
43 100
58 33.5 29.4 44.2





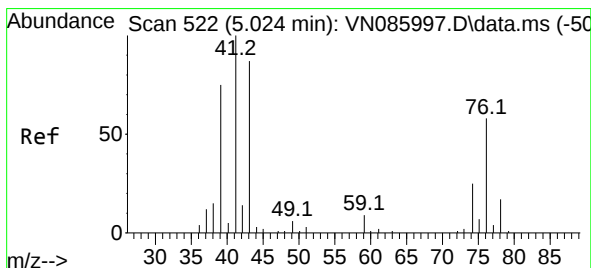
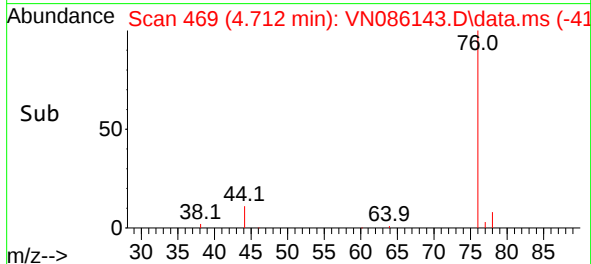
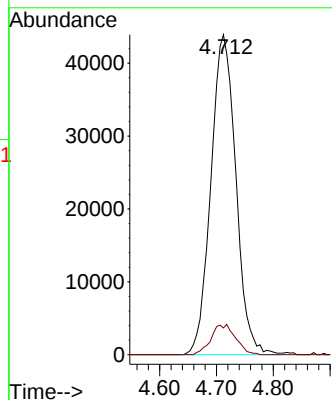
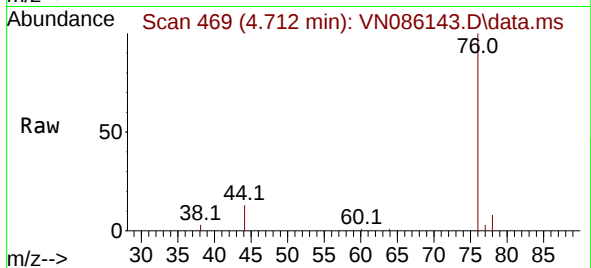
#17
Carbon Disulfide
Concen: 16.636 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 76 Resp: 13411
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

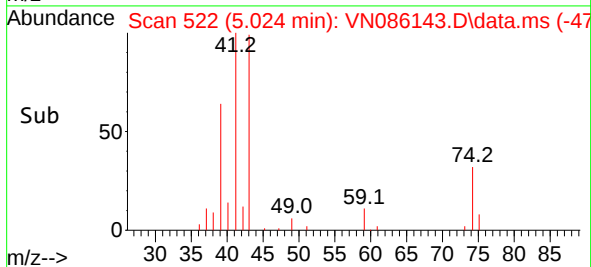
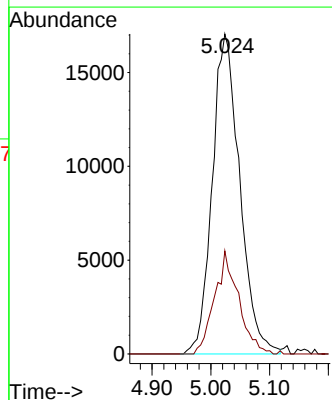
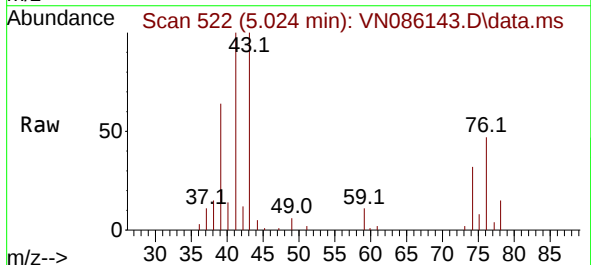
Manual Integrations
APPROVED

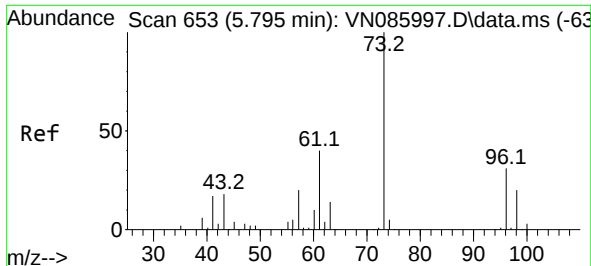
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#18
Methyl Acetate
Concen: 22.387 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion: 43 Resp: 55443
Ion Ratio Lower Upper
43 100
74 28.1 23.9 35.9





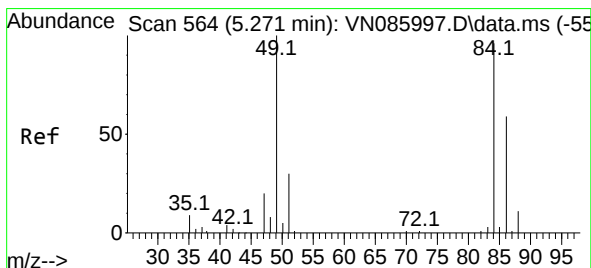
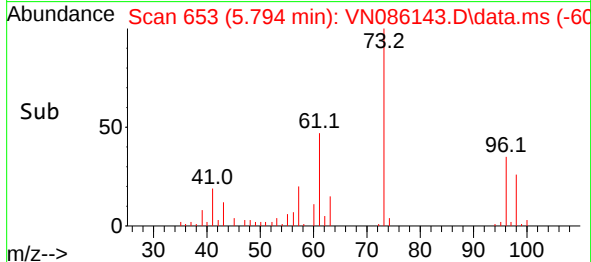
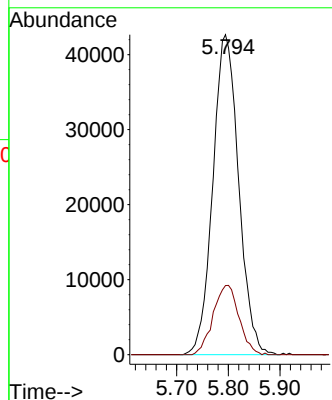
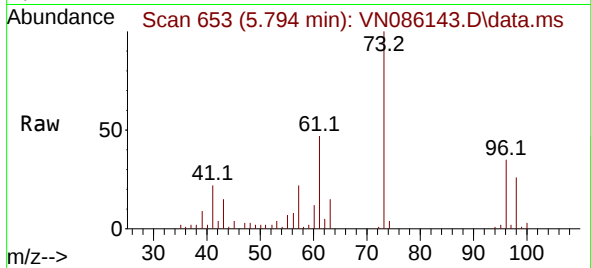
#19
Methyl tert-butyl Ether
Concen: 18.395 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 73 Resp: 14775
Ion Ratio Lower Upper
73 100
57 21.6 16.1 24.1

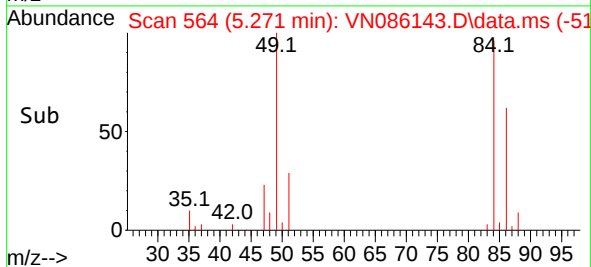
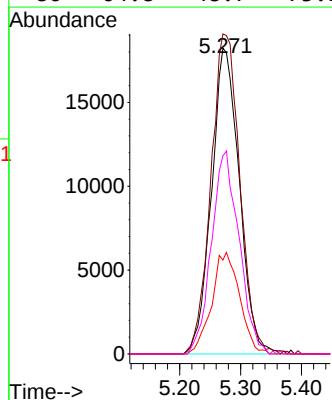
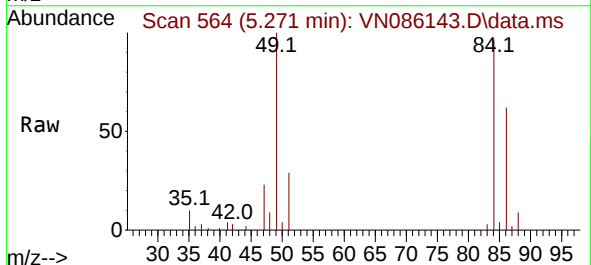
Manual Integrations
APPROVED

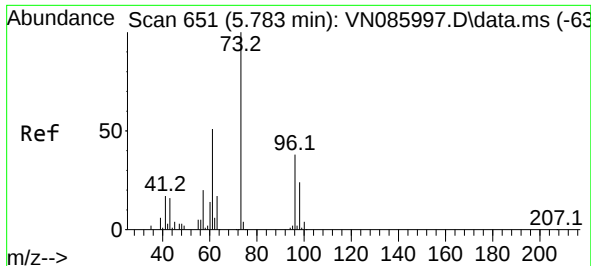
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#20
Methylene Chloride
Concen: 19.762 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

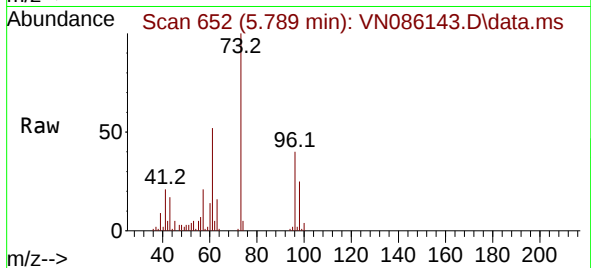
Tgt Ion: 84 Resp: 57867
Ion Ratio Lower Upper
84 100
49 104.7 83.3 124.9
51 30.7 24.8 37.2
86 64.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.215 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

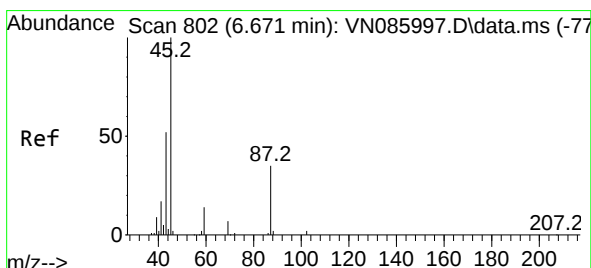
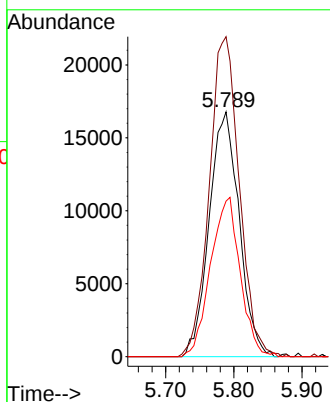
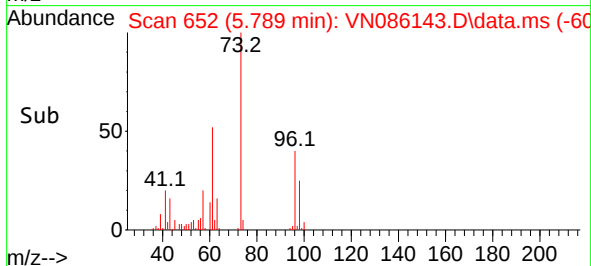
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 96 Resp: 51479
Ion Ratio Lower Upper
96 100
61 130.7 106.6 160.0
98 63.5 50.0 75.0

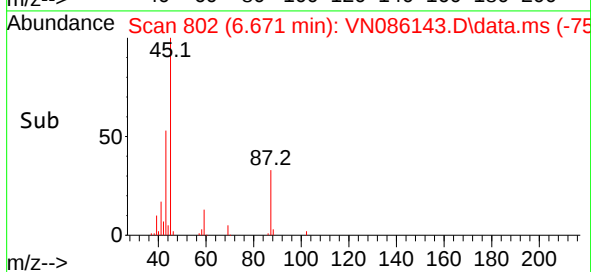
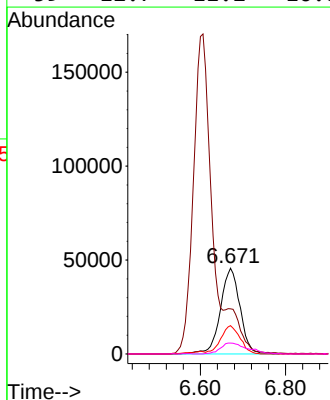
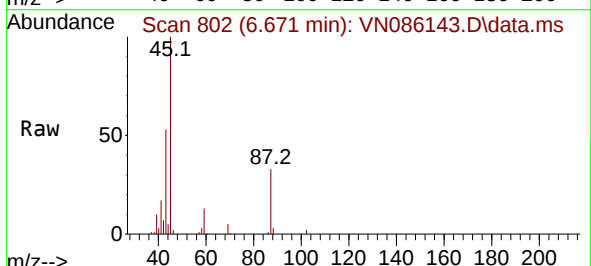
Manual Integrations
APPROVED

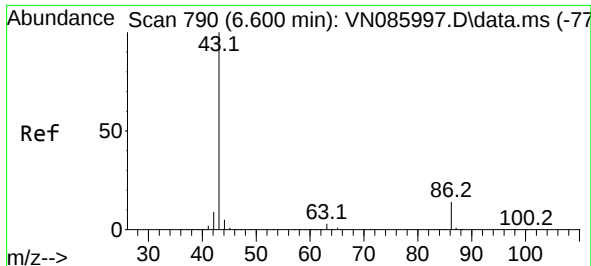
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#22
Diisopropyl ether
Concen: 22.299 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

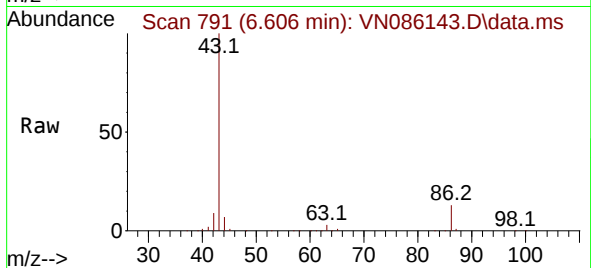
Tgt Ion: 45 Resp: 145319
Ion Ratio Lower Upper
45 100
43 51.7 41.2 61.8
87 33.0 28.5 42.7
59 12.7 11.2 16.8





#23
 Vinyl Acetate
 Concen: 97.671 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086143.D
 Acq: 28 Mar 2025 12:07

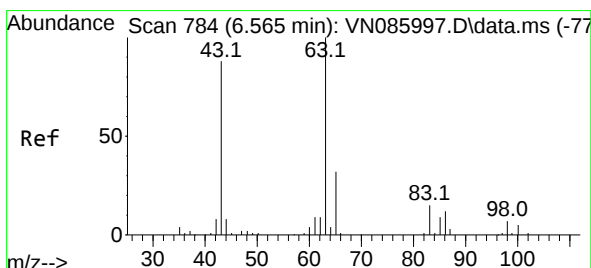
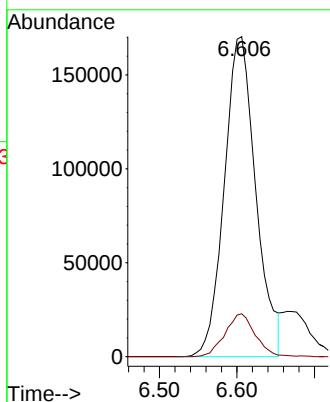
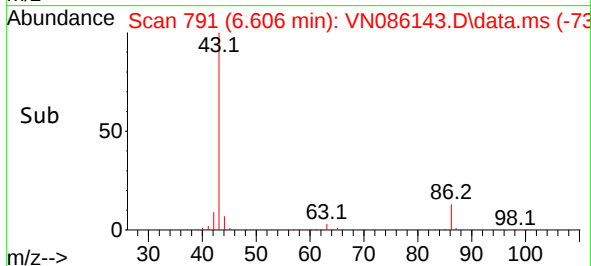
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01



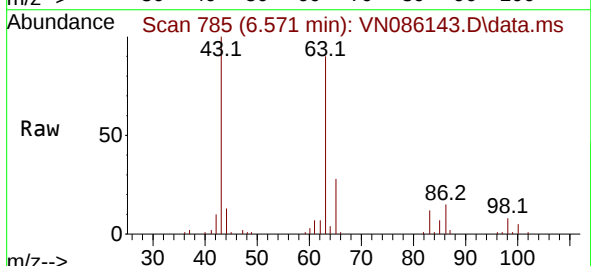
Tgt Ion: 43 Resp: 482504
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.2 16.8

Manual Integrations
 APPROVED

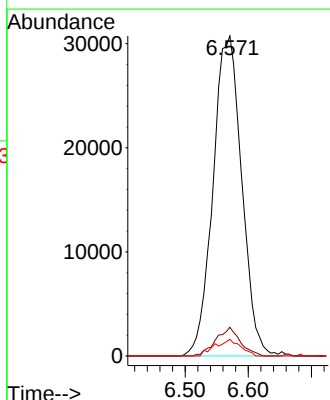
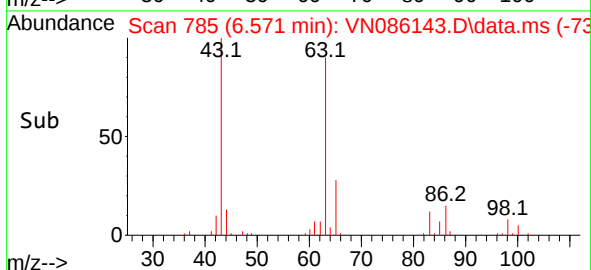
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025

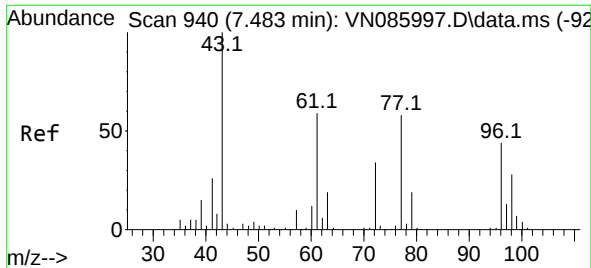


#24
 1,1-Dichloroethane
 Concen: 20.228 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086143.D
 Acq: 28 Mar 2025 12:07



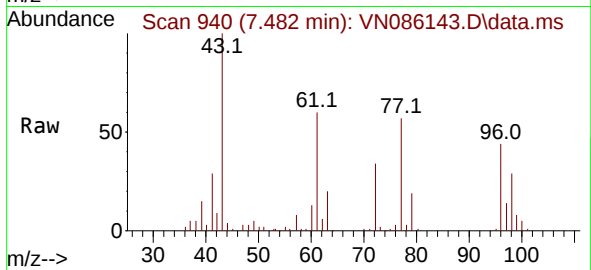
Tgt Ion: 63 Resp: 96932
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.9
 100 5.2 2.5 7.5





#25
2-Butanone
Concen: 94.366 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

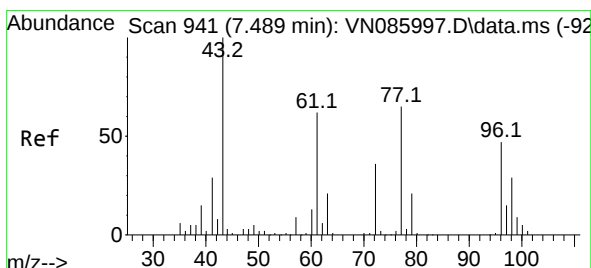
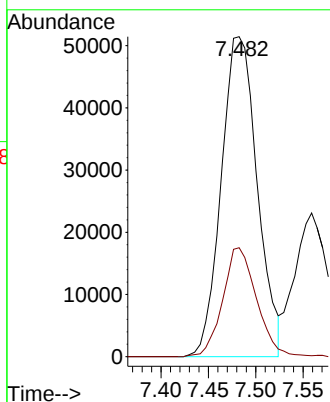
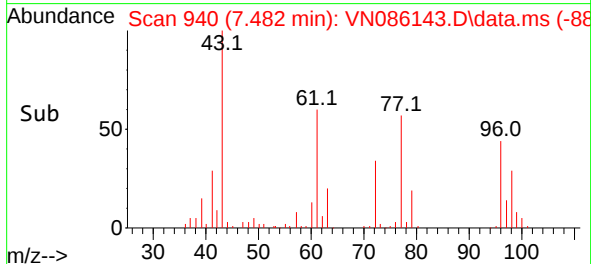
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



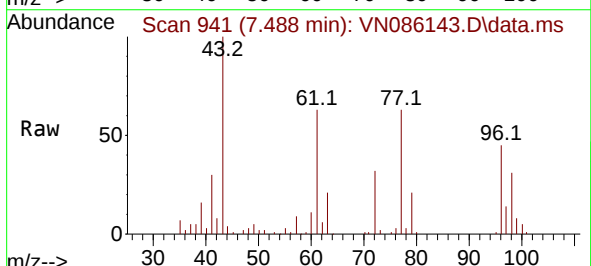
Tgt Ion: 43 Resp: 136294
Ion Ratio Lower Upper
43 100
72 34.0 27.4 41.0

Manual Integrations
APPROVED

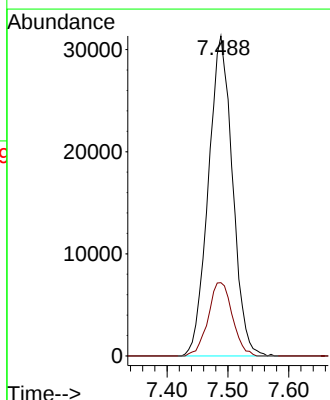
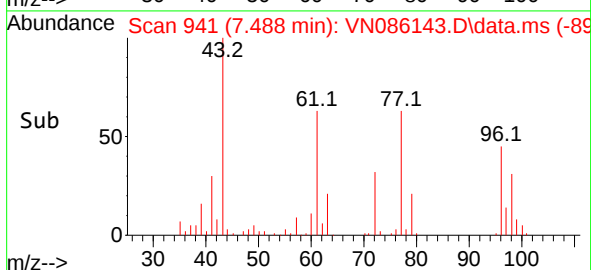
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

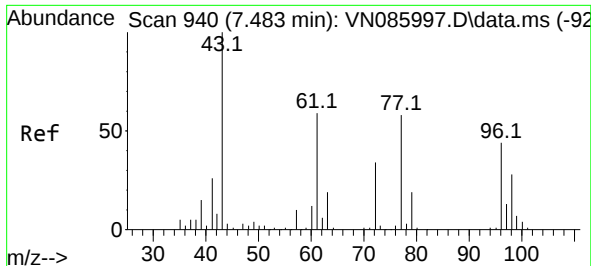


#26
2,2-Dichloropropane
Concen: 18.692 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



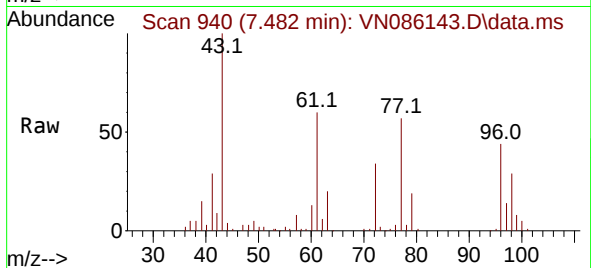
Tgt Ion: 77 Resp: 86236
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.287 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086143.D
 Acq: 28 Mar 2025 12:07

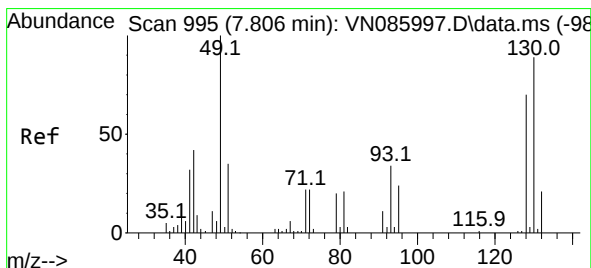
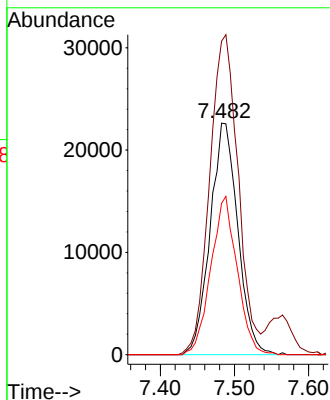
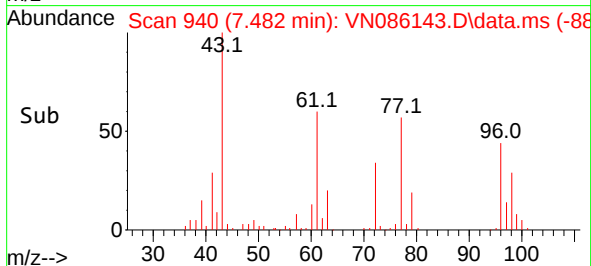
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01



Tgt Ion: 96 Resp: 5871
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 272.8
 98 65.0 0.0 124.8

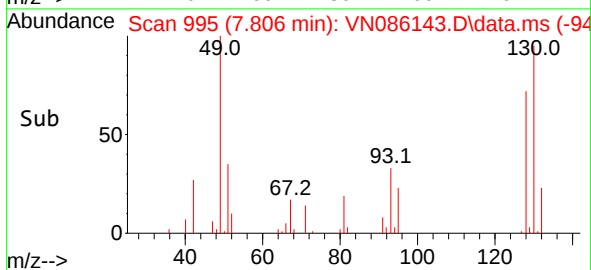
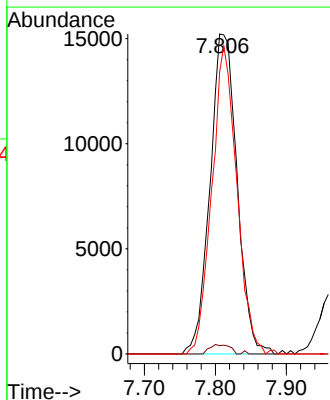
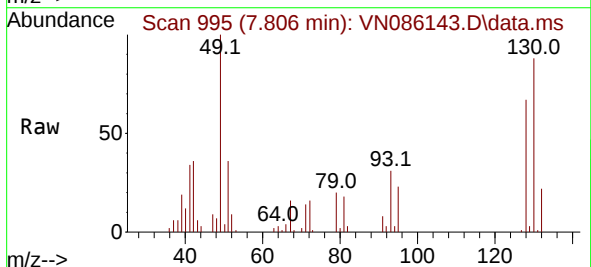
Manual Integrations
 APPROVED

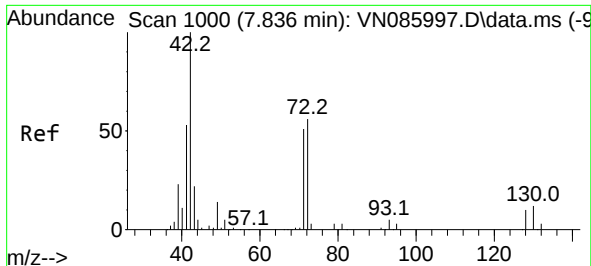
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#28
 Bromochloromethane
 Concen: 19.851 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN086143.D
 Acq: 28 Mar 2025 12:07

Tgt Ion: 49 Resp: 40303
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 88.7 74.2 111.4





#29

Tetrahydrofuran

Concen: 105.066 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBS01

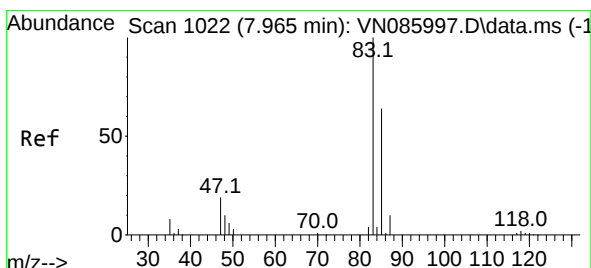
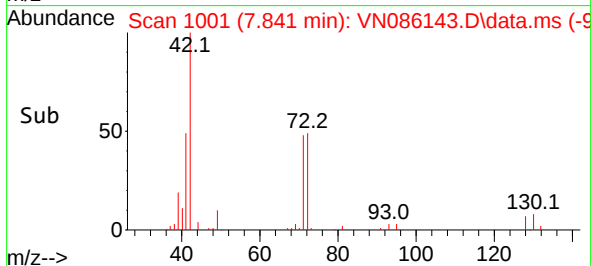
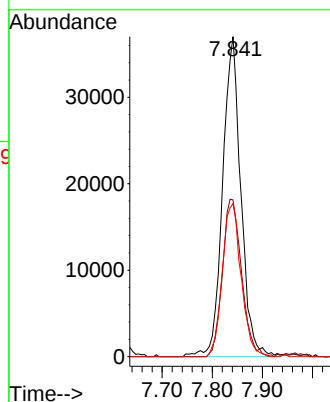
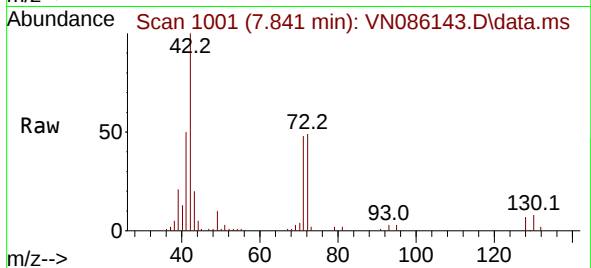
Tgt Ion: 42	Resp: 93684
Ion Ratio	Lower Upper
42	100
72	51.4 45.0 67.4
71	49.0 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#30

Chloroform

Concen: 20.027 ug/l

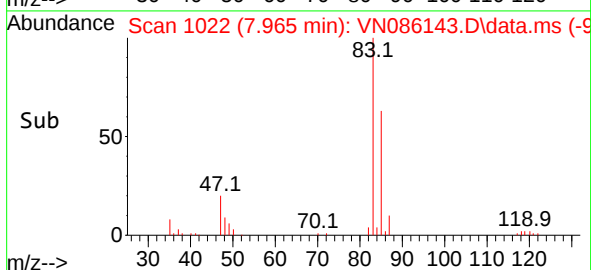
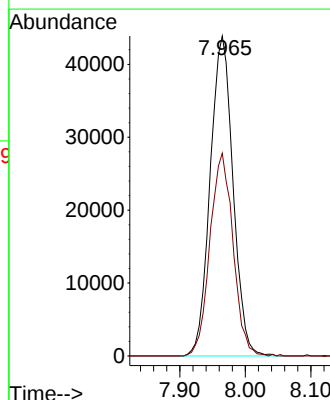
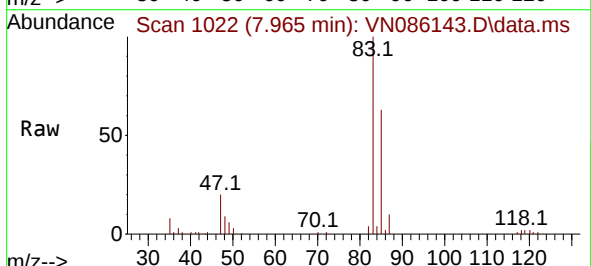
RT: 7.965 min Scan# 1022

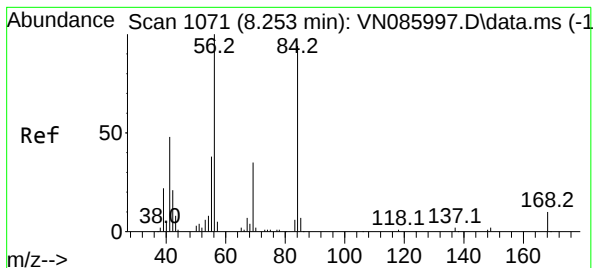
Delta R.T. -0.000 min

Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

Tgt Ion: 83	Resp: 106081
Ion Ratio	Lower Upper
83	100
85	63.4 51.5 77.3





#31

Cyclohexane

Concen: 19.478 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBS01

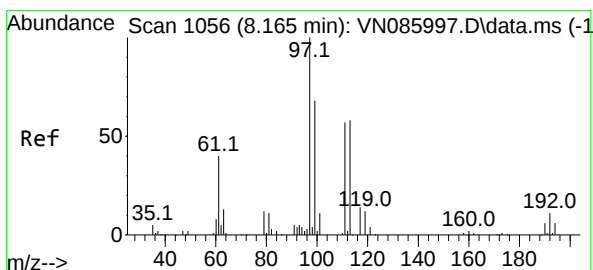
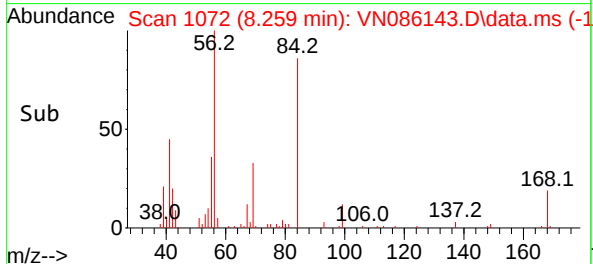
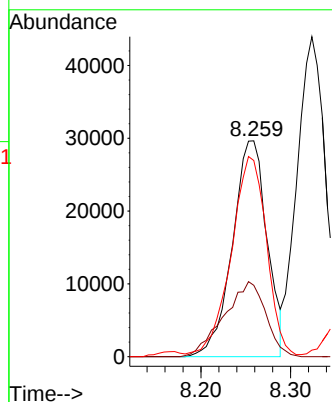
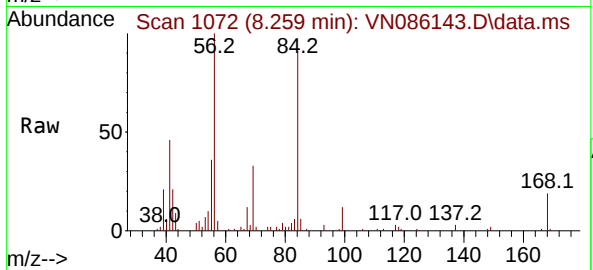
Tgt Ion:	56	Resp:	79518
Ion Ratio	Lower	Upper	
56	100		
69	33.0	28.0	42.0
84	89.2	75.0	112.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#32

1,1,1-Trichloroethane

Concen: 19.127 ug/l

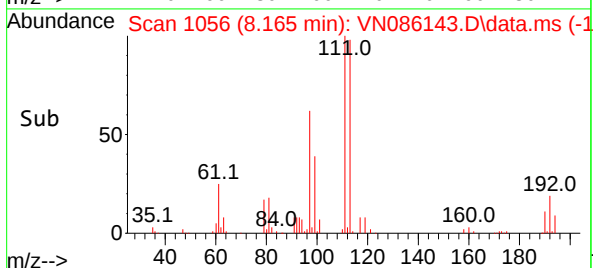
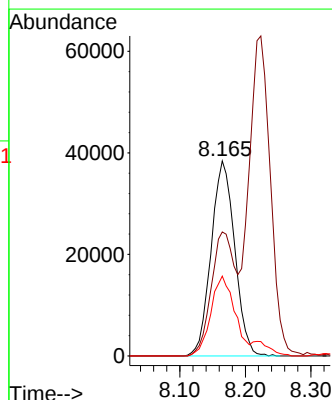
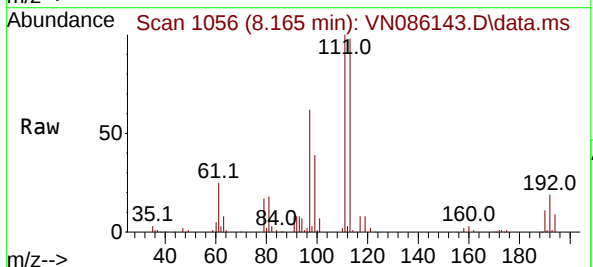
RT: 8.165 min Scan# 1056

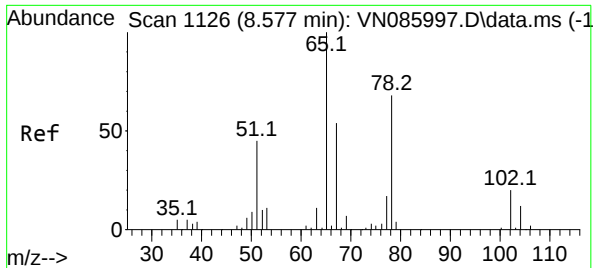
Delta R.T. -0.000 min

Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

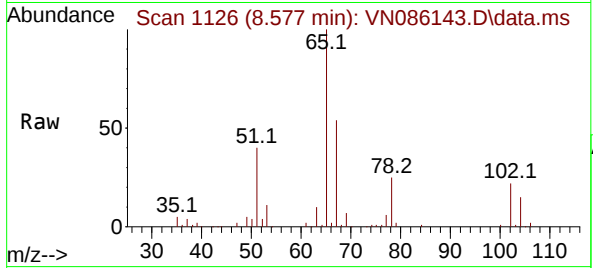
Tgt Ion:	97	Resp:	95903
Ion Ratio	Lower	Upper	
97	100		
99	63.6	52.8	79.2
61	41.7	33.6	50.4





#33
1,2-Dichloroethane-d4
Concen: 50.948 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

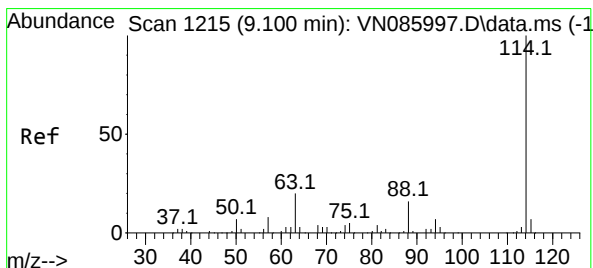
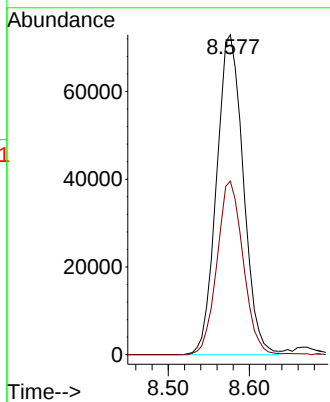
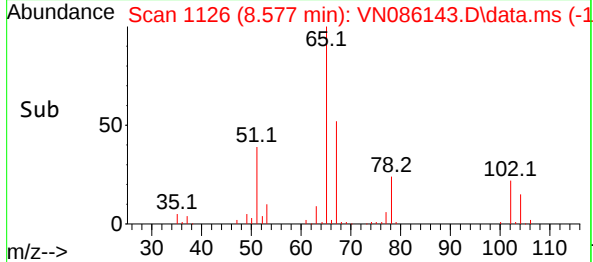
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



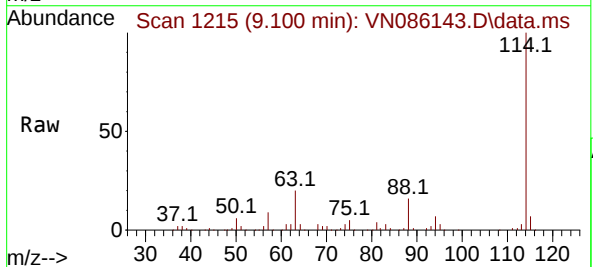
Tgt Ion: 65 Resp: 166924
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.2

Manual Integrations
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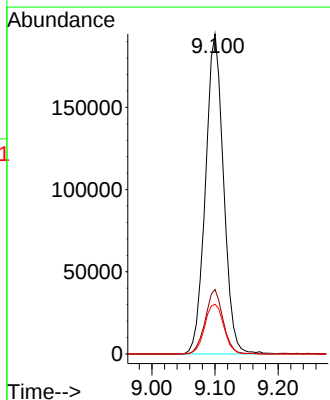
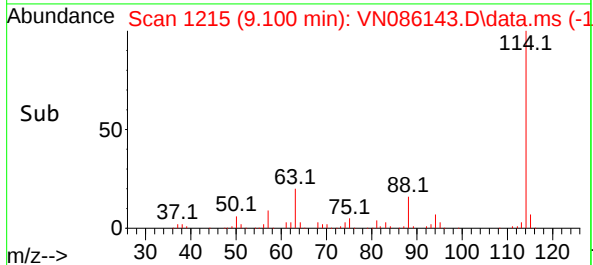
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

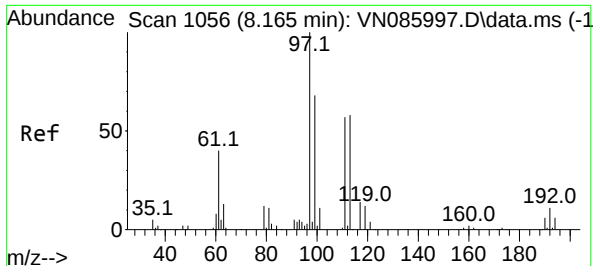


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



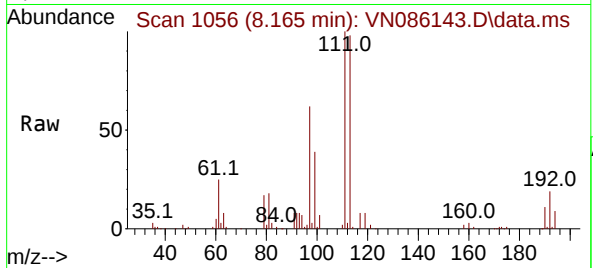
Tgt Ion:114 Resp: 387346
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.6
88 15.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.648 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

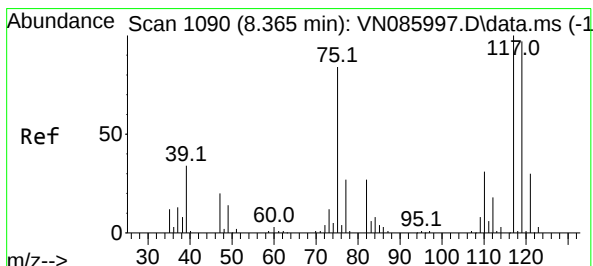
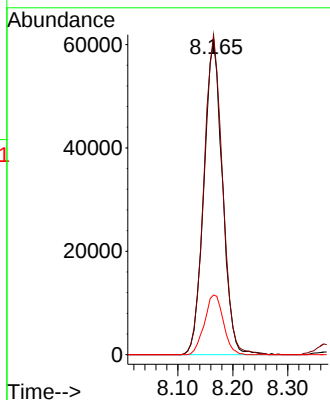
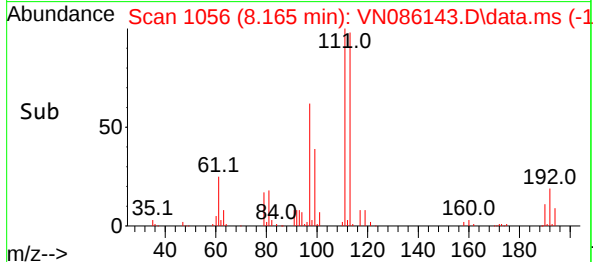
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



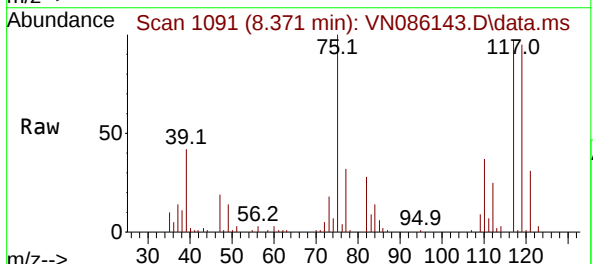
Tgt Ion: 113 Resp: 142340
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 19.4 15.9 23.9

Manual Integrations
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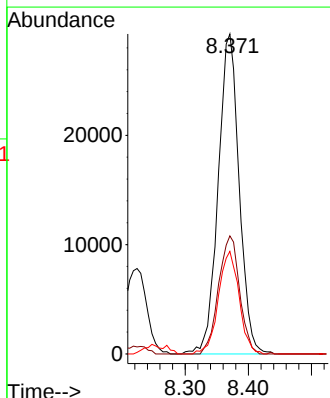
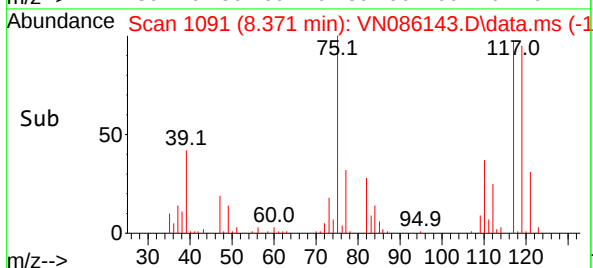
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

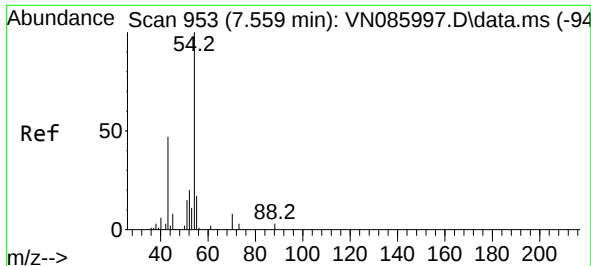


#36
1,1-Dichloropropene
Concen: 18.956 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



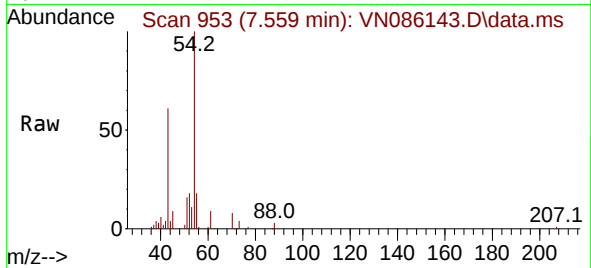
Tgt Ion: 75 Resp: 67485
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.3
77 31.6 25.0 37.4





#37
Ethyl Acetate
Concen: 20.232 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

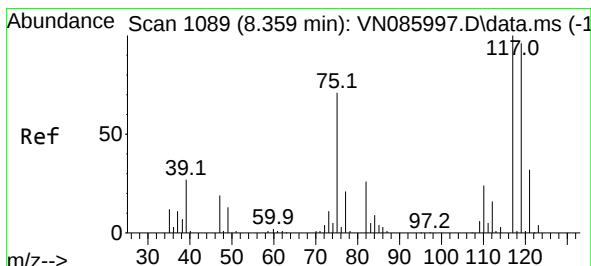
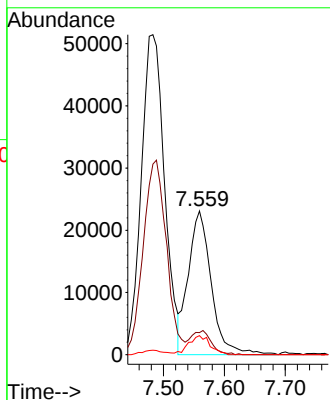
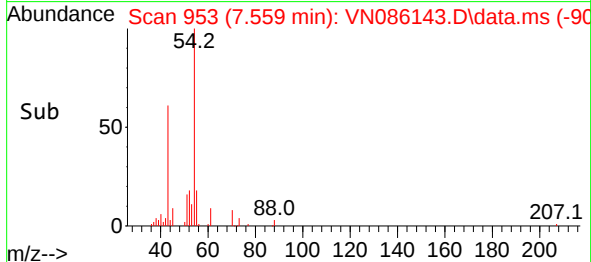
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 43 Resp: 6076
Ion Ratio Lower Upper
43 100
61 14.9 13.0 19.4
70 12.2 11.0 16.6

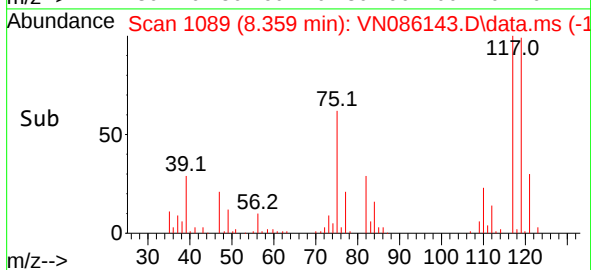
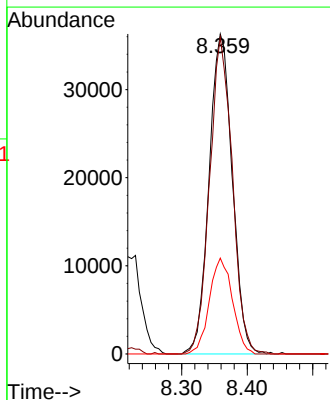
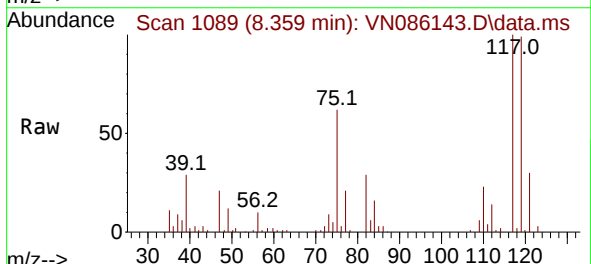
Manual Integrations
APPROVED

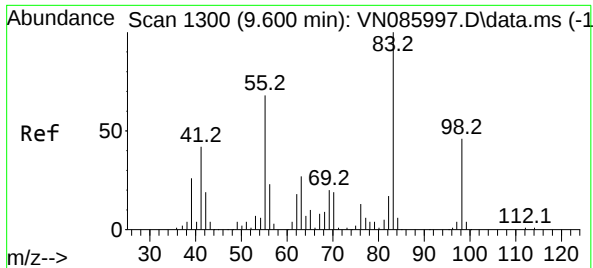
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#38
Carbon Tetrachloride
Concen: 19.068 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion: 117 Resp: 89256
Ion Ratio Lower Upper
117 100
119 99.0 77.0 115.4
121 30.0 25.6 38.4





#39

Methylcyclohexane

Concen: 17.727 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBS01

Tgt Ion: 83 Resp: 6261

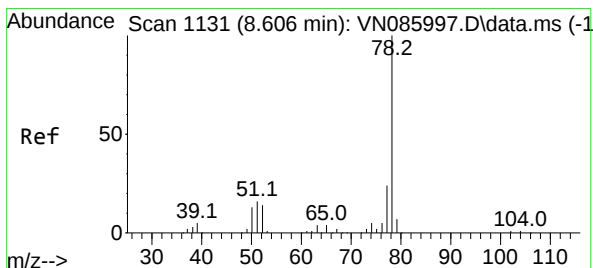
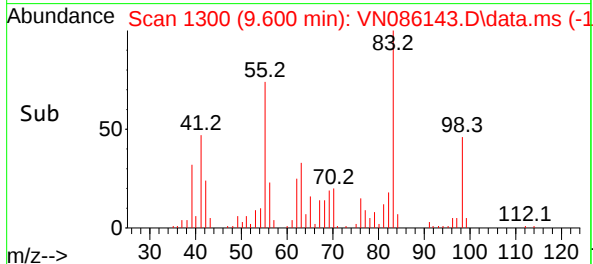
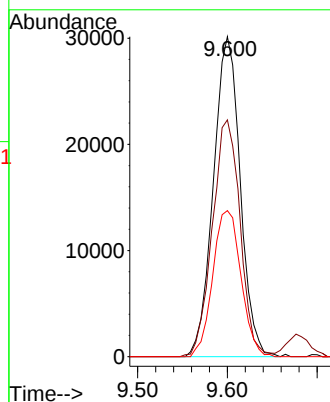
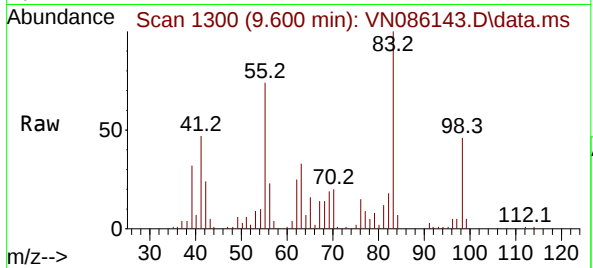
Ion	Ratio	Lower	Upper
83	100		
55	74.0	54.2	81.2
98	45.7	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#40

Benzene

Concen: 20.253 ug/l

RT: 8.606 min Scan# 1131

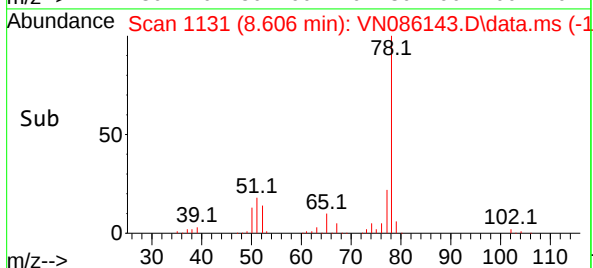
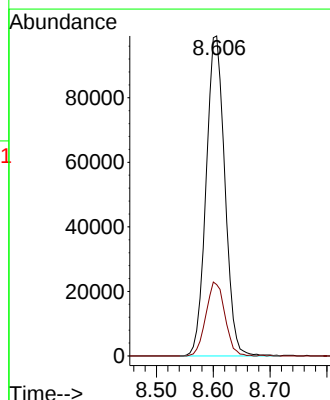
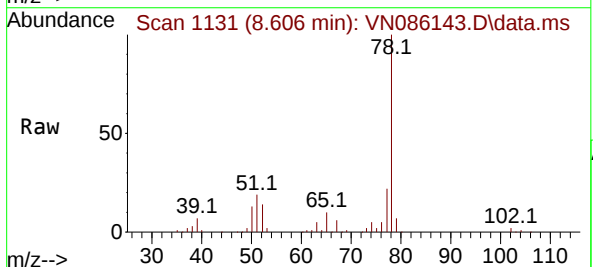
Delta R.T. -0.000 min

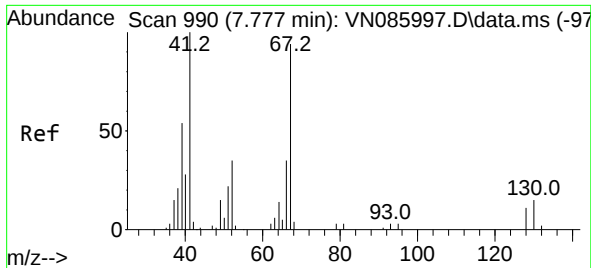
Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

Tgt Ion: 78 Resp: 226337

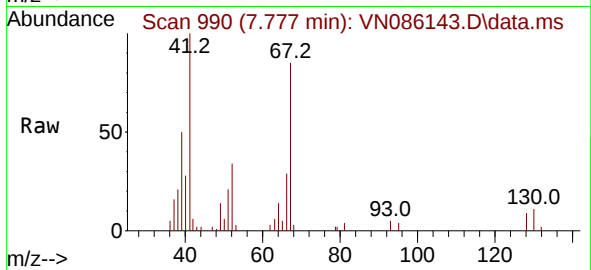
Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.9	28.3





#41
Methacrylonitrile
Concen: 20.164 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

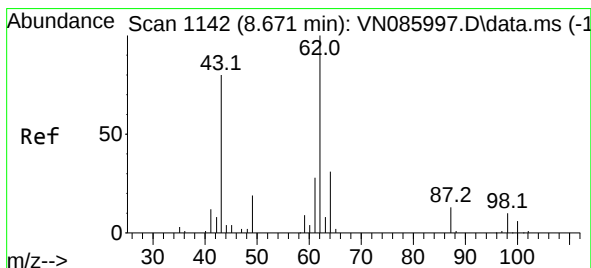
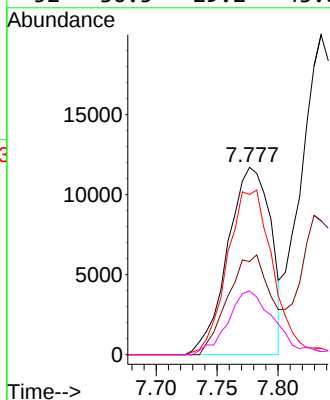
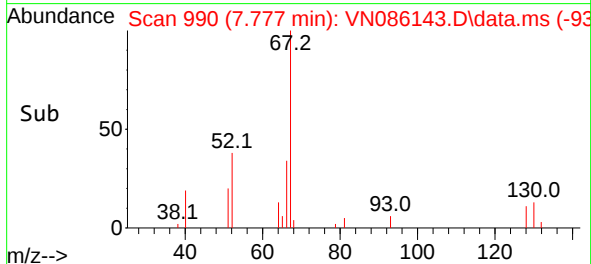
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 41 Resp: 28918
Ion Ratio Lower Upper
41 100
39 51.5 46.2 69.2
67 93.5 75.9 113.9
52 36.5 29.2 43.8

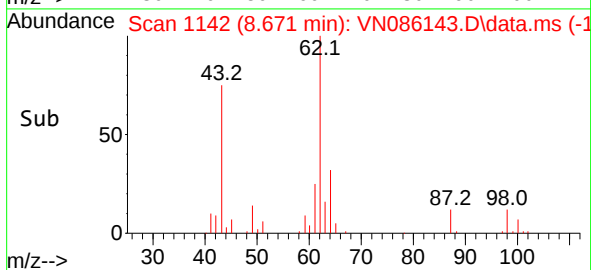
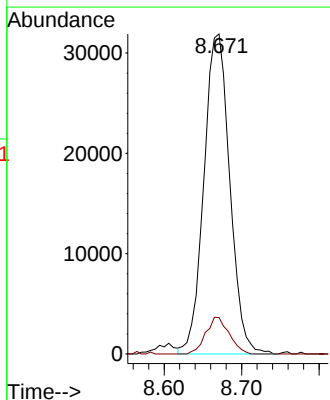
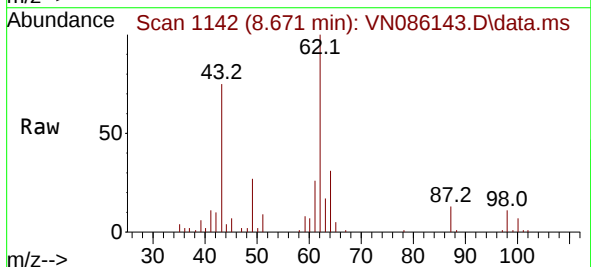
Manual Integrations
APPROVED

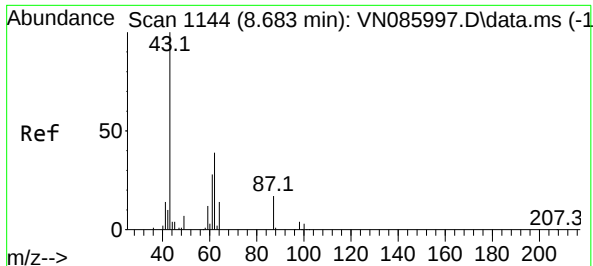
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#42
1,2-Dichloroethane
Concen: 19.037 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

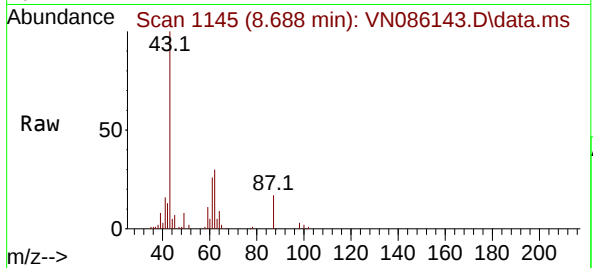
Tgt Ion: 62 Resp: 74133
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.6





#43
Isopropyl Acetate
Concen: 15.469 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

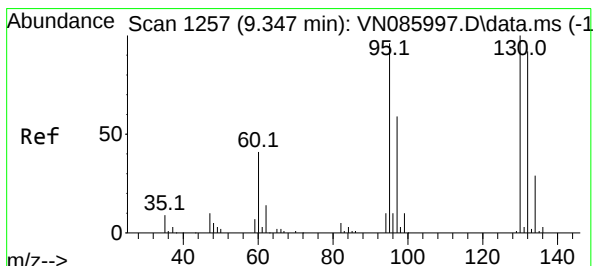
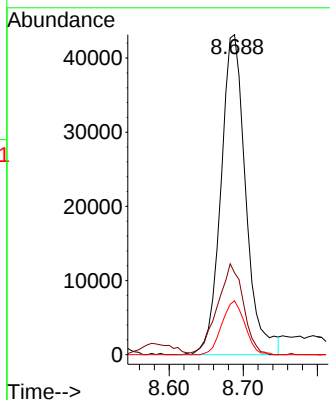
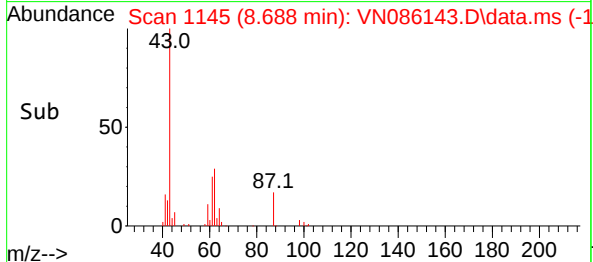
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



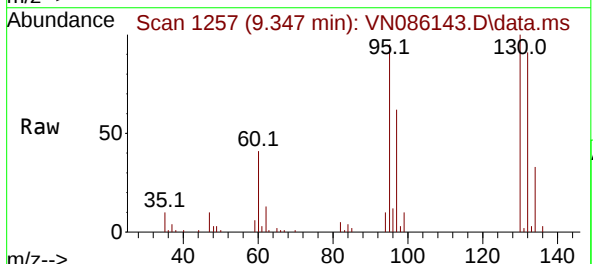
Tgt Ion: 43 Resp: 100670
Ion Ratio Lower Upper
43 100
61 29.6 25.0 37.6
87 15.6 13.0 19.4

Manual Integrations
APPROVED

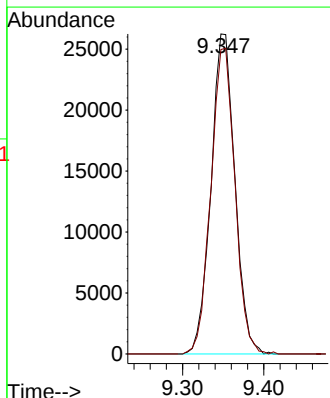
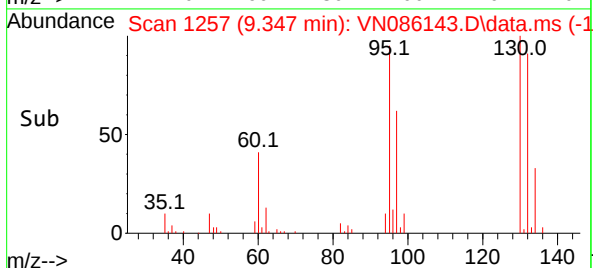
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

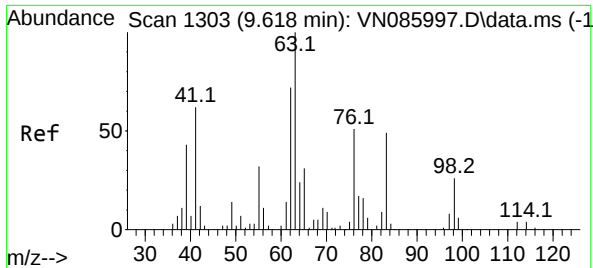


#44
Trichloroethene
Concen: 18.541 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



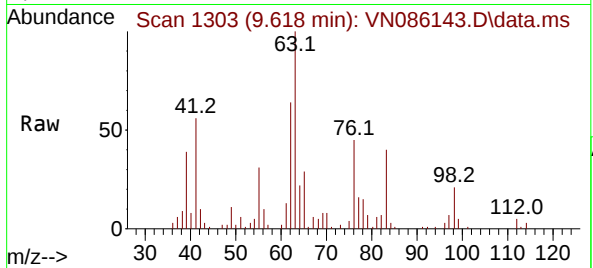
Tgt Ion:130 Resp: 53703
Ion Ratio Lower Upper
130 100
95 95.2 0.0 191.6





#45
1,2-Dichloropropane
Concen: 21.199 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

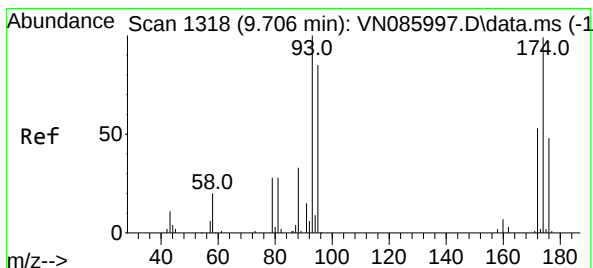
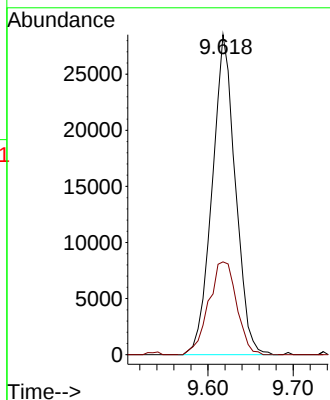
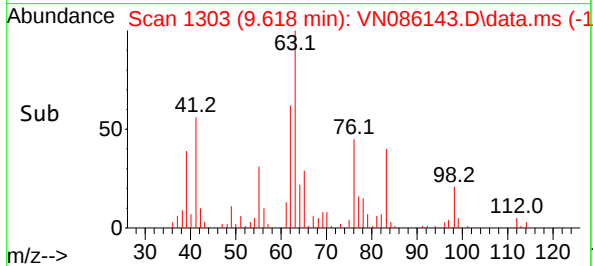
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 63 Resp: 53884
Ion Ratio Lower Upper
63 100
65 29.0 24.7 37.1

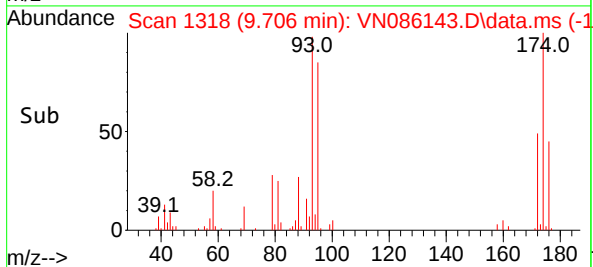
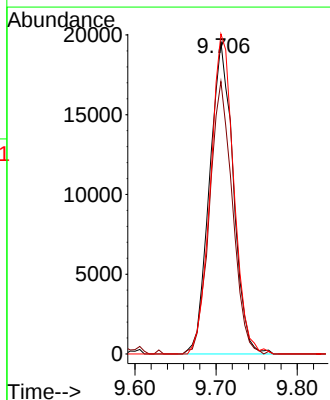
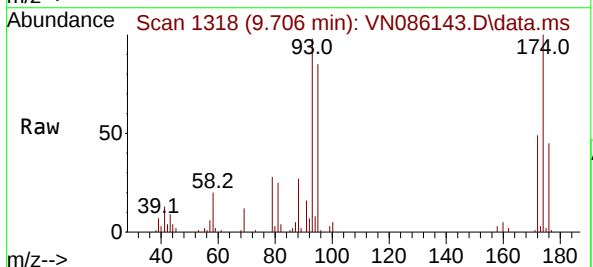
Manual Integrations
APPROVED

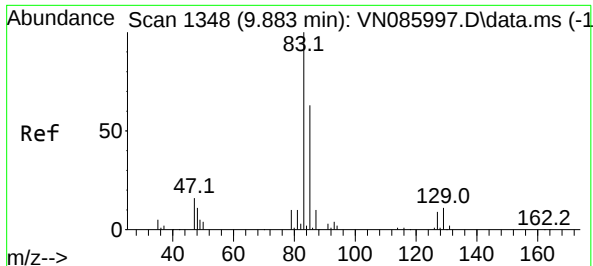
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#46
Dibromomethane
Concen: 19.836 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion: 93 Resp: 39653
Ion Ratio Lower Upper
93 100
95 84.3 66.2 99.2
174 100.8 80.1 120.1





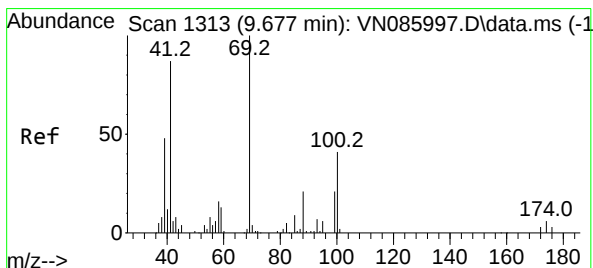
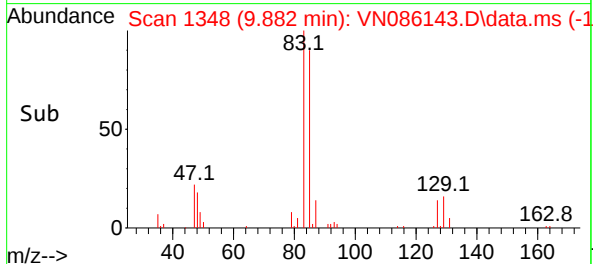
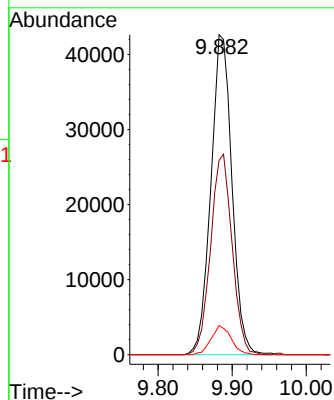
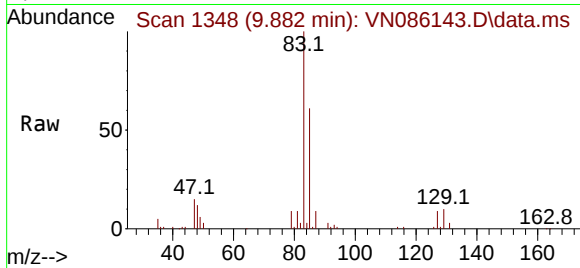
#47
Bromodichloromethane
Concen: 20.126 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 83 Resp: 8408
Ion Ratio Lower Upper
83 100
85 60.7 50.2 75.2
127 9.1 7.1 10.7

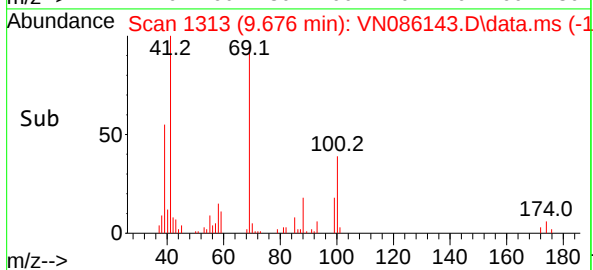
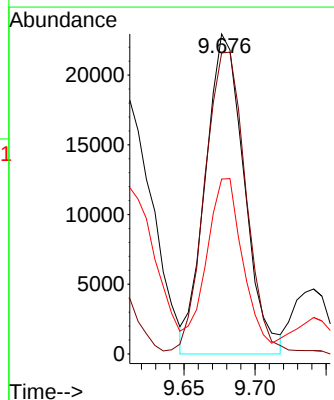
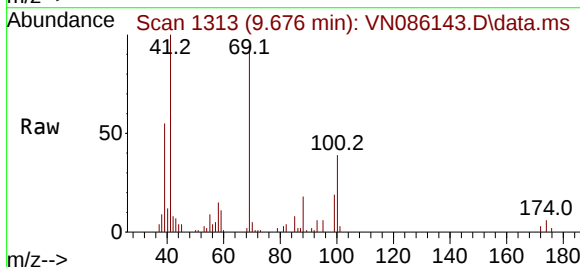
Manual Integrations
APPROVED

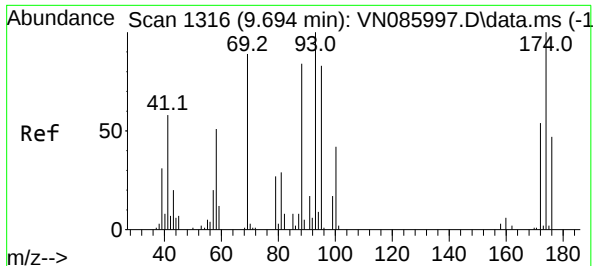
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#48
Methyl methacrylate
Concen: 20.280 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion: 41 Resp: 43554
Ion Ratio Lower Upper
41 100
69 100.3 83.1 124.7
39 52.8 45.6 68.4





#49

1,4-Dioxane

Concen: 398.591 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBS01

Tgt Ion: 88 Resp: 20230

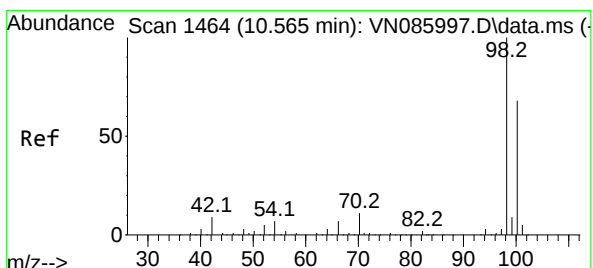
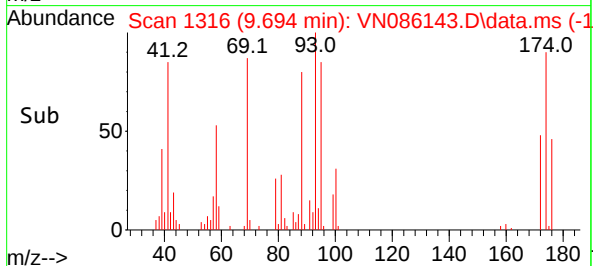
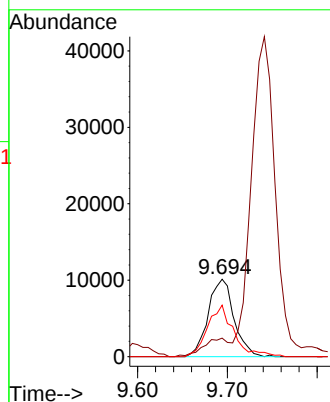
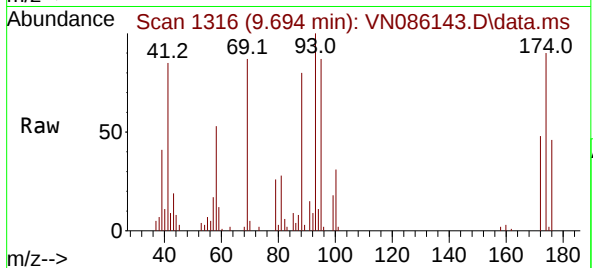
Ion	Ratio	Lower	Upper
88	100		
43	25.5	21.7	32.5
58	68.0	50.4	75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#50

Toluene-d8

Concen: 54.793 ug/l

RT: 10.565 min Scan# 1464

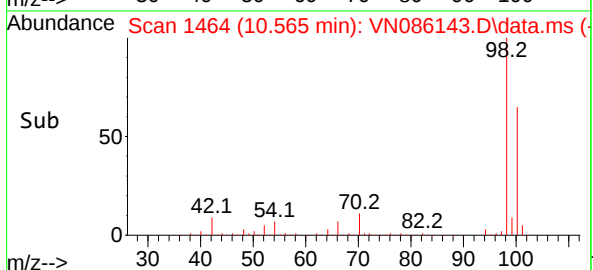
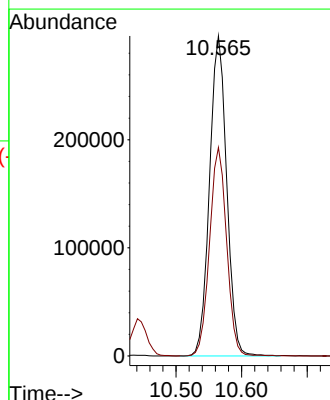
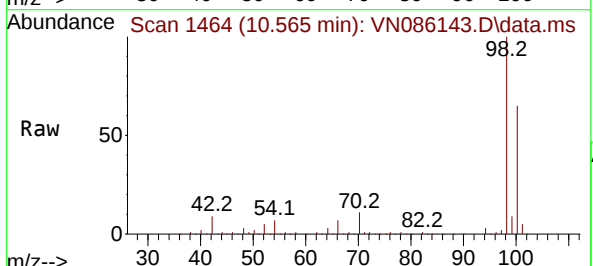
Delta R.T. -0.000 min

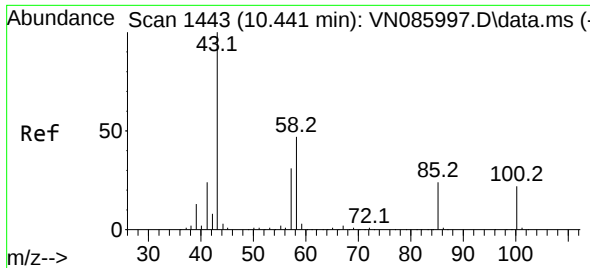
Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

Tgt Ion: 98 Resp: 537648

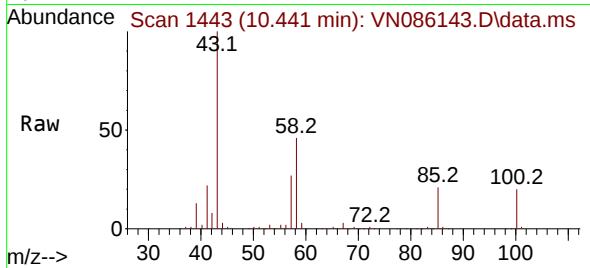
Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 104.642 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

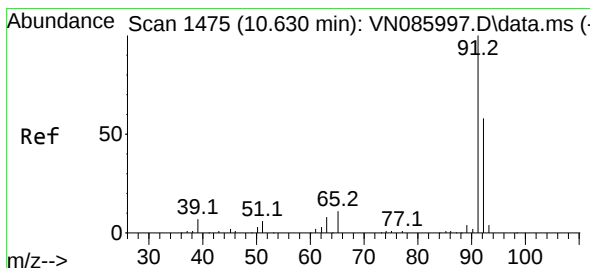
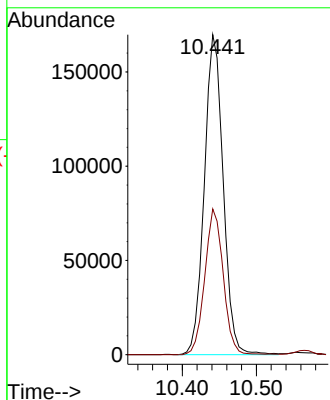
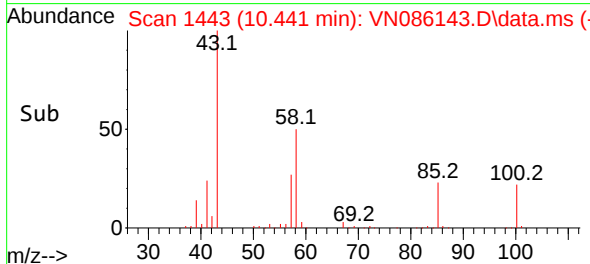
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 43 Resp: 30034
Ion Ratio Lower Upper
43 100
58 44.5 37.4 56.0

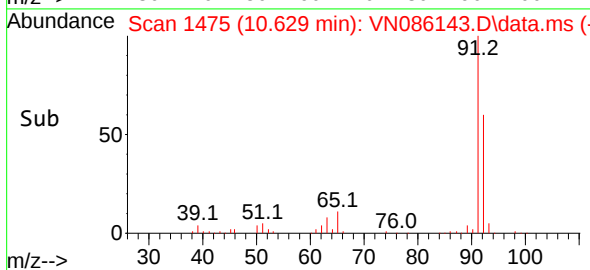
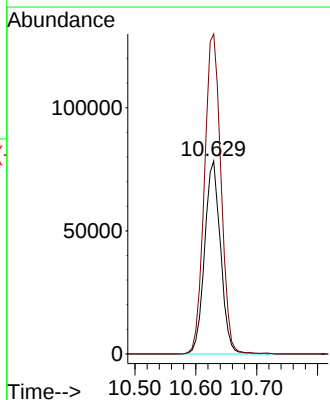
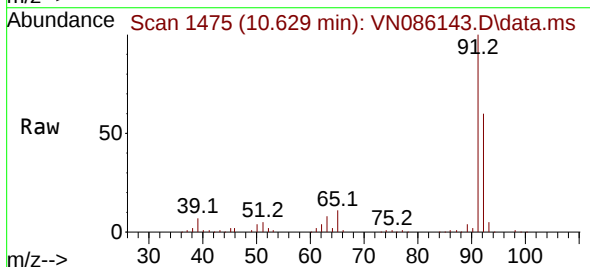
Manual Integrations
APPROVED

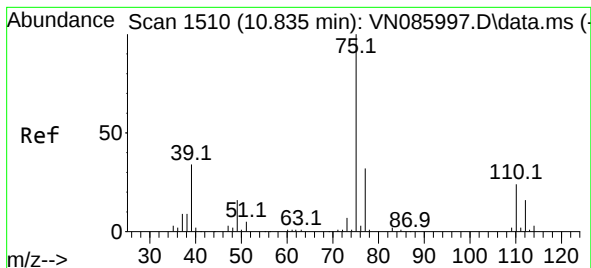
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#52
Toluene
Concen: 20.756 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

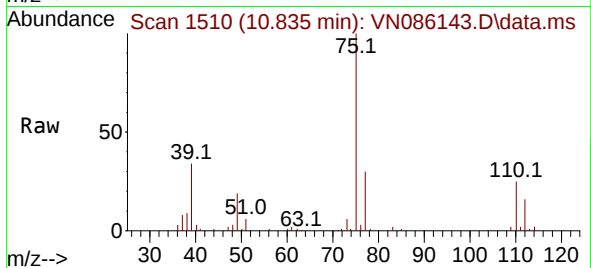
Tgt Ion: 92 Resp: 142366
Ion Ratio Lower Upper
92 100
91 172.4 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 19.108 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

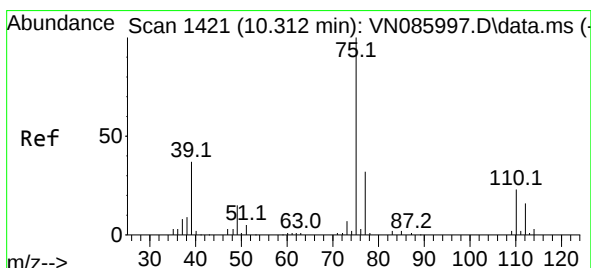
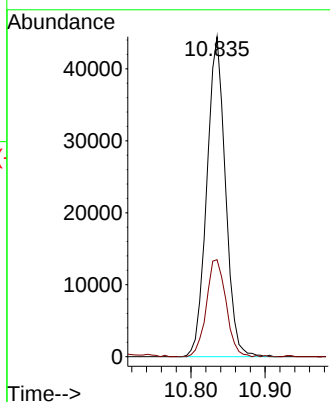
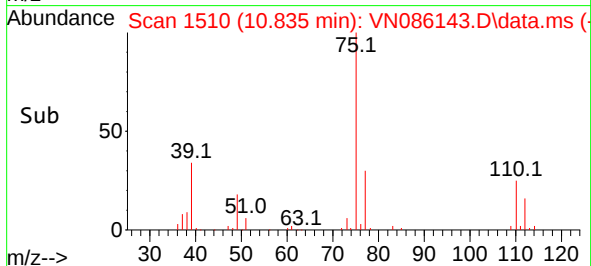
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



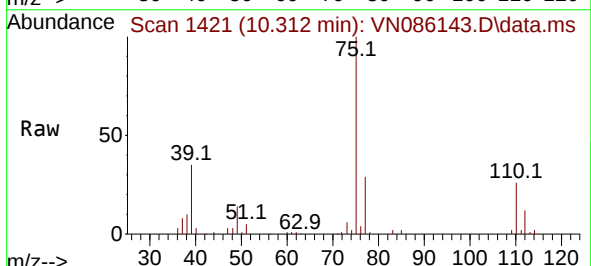
Tgt Ion: 75 Resp: 77520
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9

Manual Integrations
APPROVED

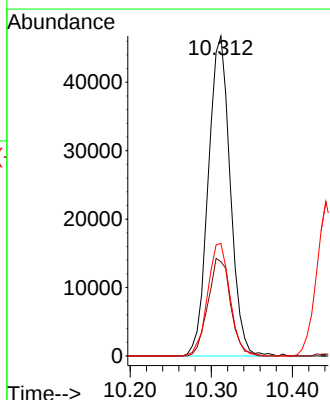
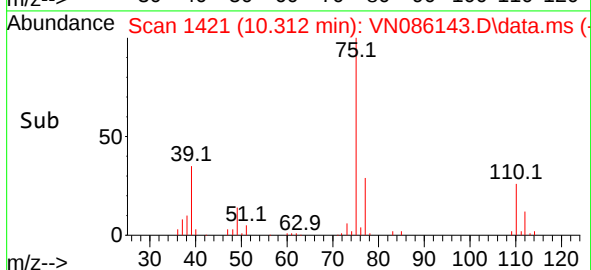
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

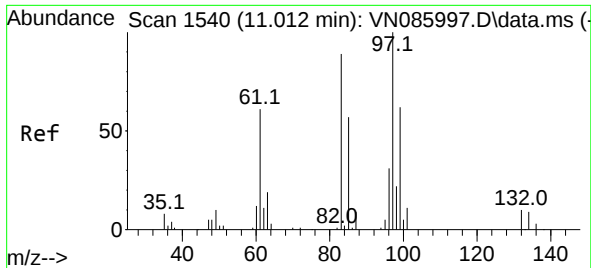


#54
cis-1,3-Dichloropropene
Concen: 20.497 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



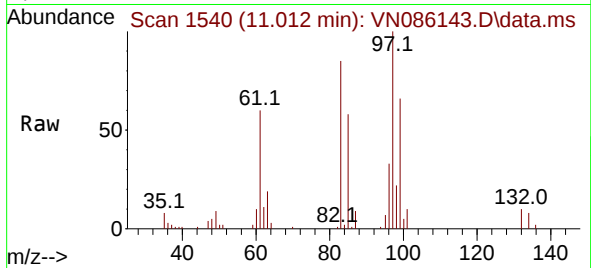
Tgt Ion: 75 Resp: 87743
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9
39 35.2 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 21.369 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

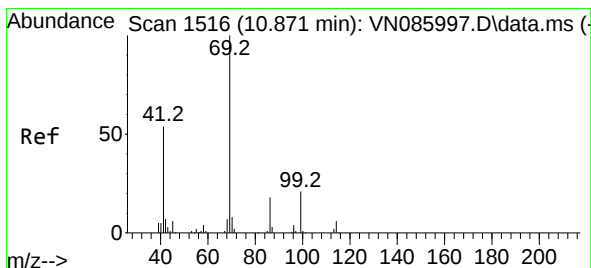
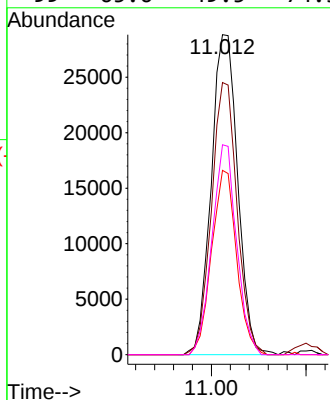
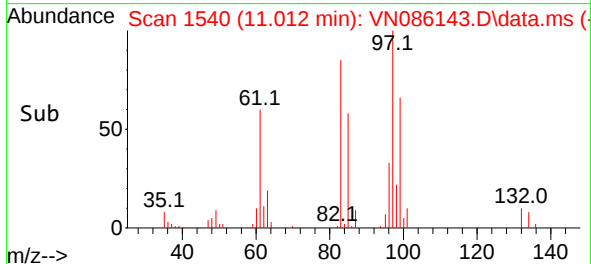
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	71.2	106.8
85	57.6	45.4	68.0
99	65.6	49.5	74.3

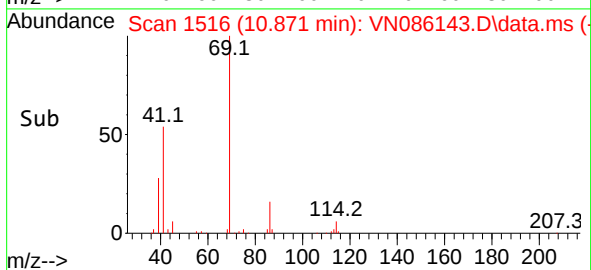
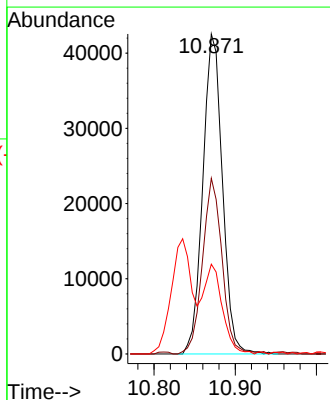
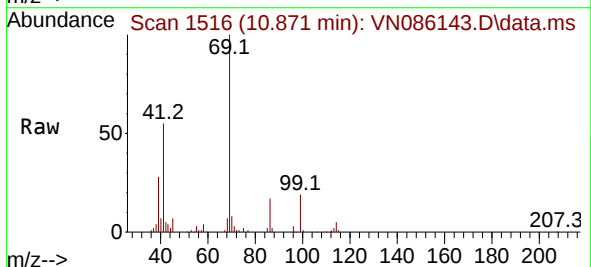
Manual Integrations
APPROVED

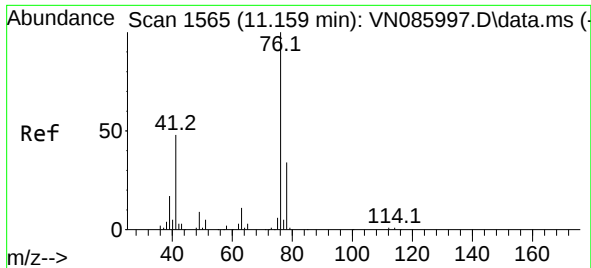
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#56
Ethyl methacrylate
Concen: 19.930 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.9	41.6	62.4
39	27.3	21.8	32.8





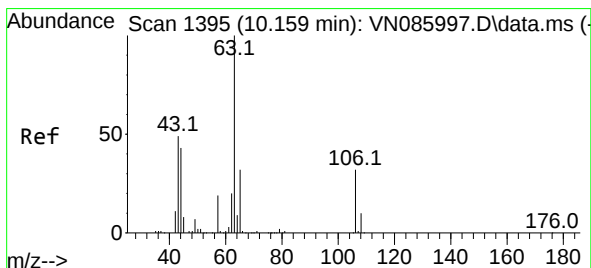
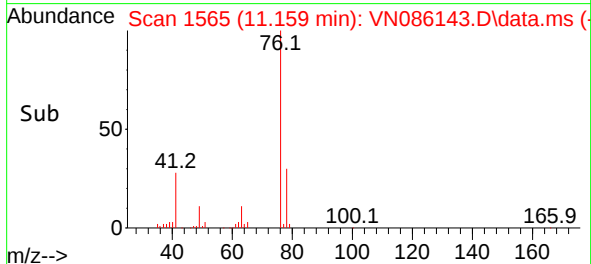
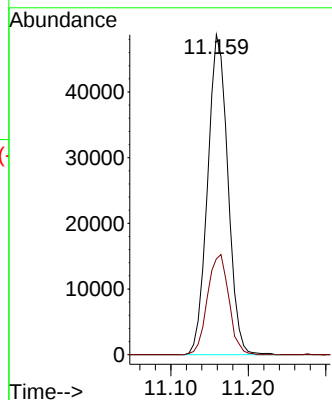
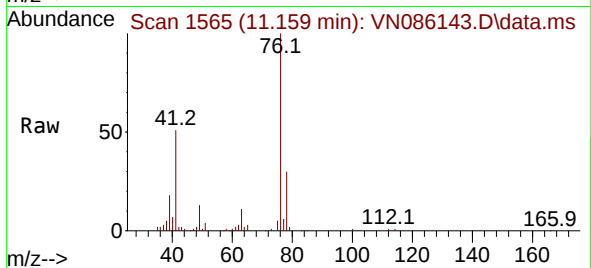
#57
1,3-Dichloropropane
Concen: 19.886 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 76 Resp: 8842
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.6

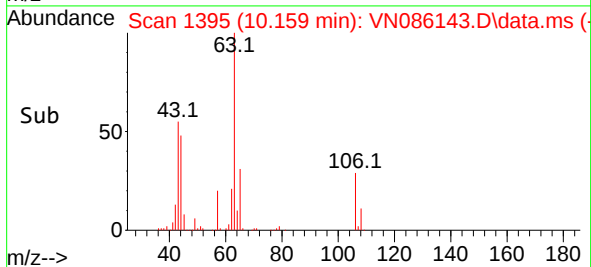
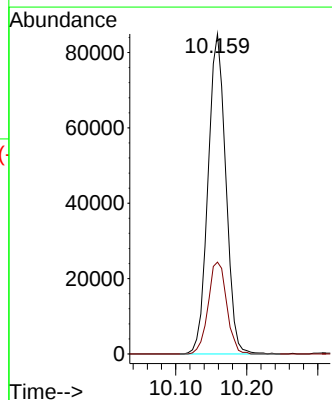
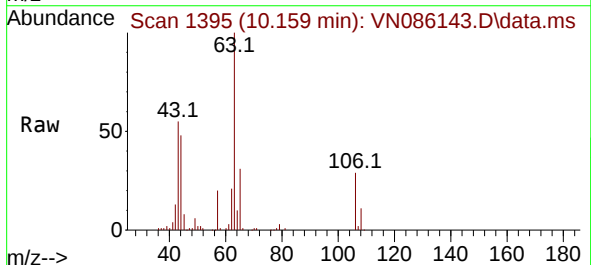
Manual Integrations
APPROVED

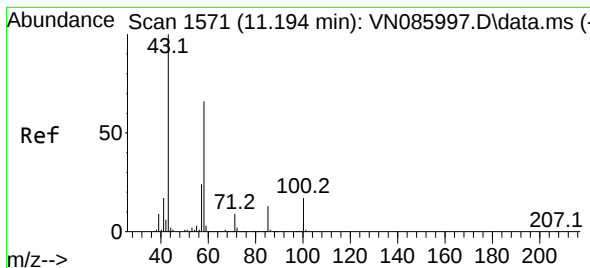
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#58
2-Chloroethyl Vinyl ether
Concen: 108.017 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

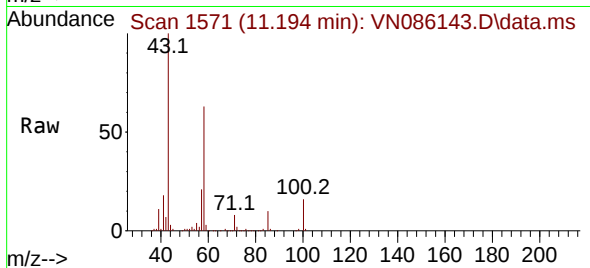
Tgt Ion: 63 Resp: 147179
Ion Ratio Lower Upper
63 100
106 30.0 25.0 37.6





#59
2-Hexanone
Concen: 101.686 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

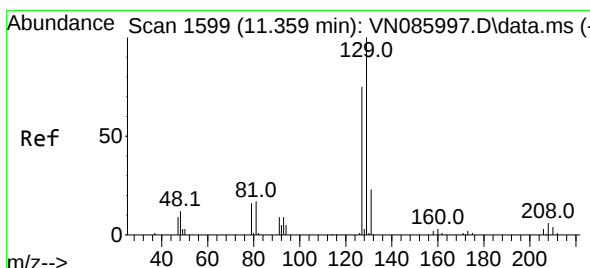
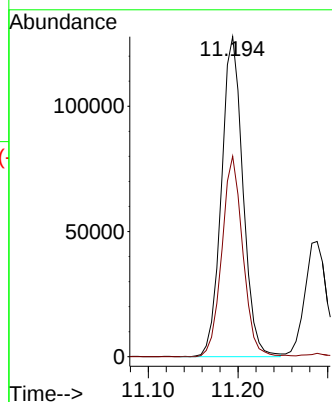
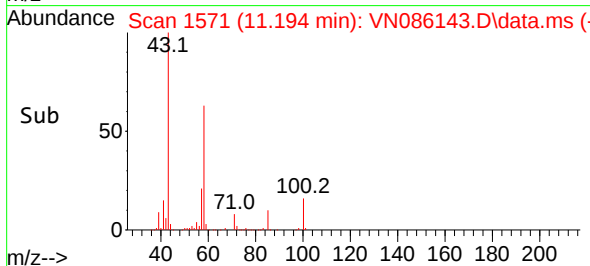
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 43 Resp: 21262
Ion Ratio Lower Upper
43 100
58 61.0 32.4 97.2

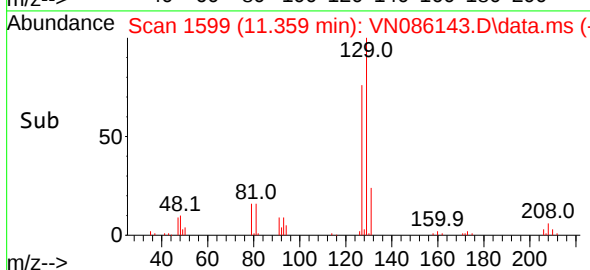
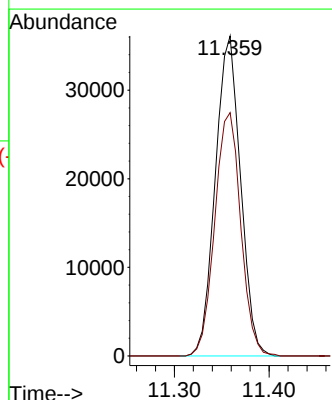
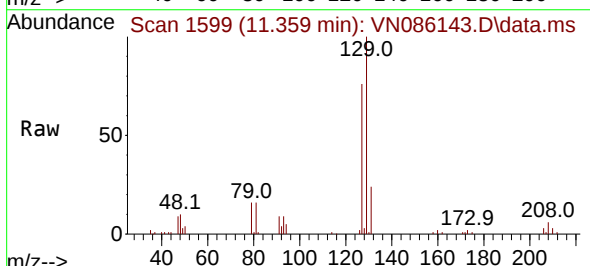
Manual Integrations
APPROVED

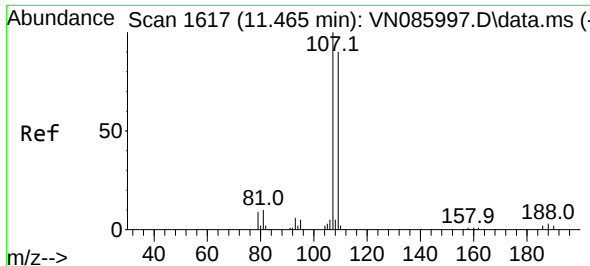
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#60
Dibromochloromethane
Concen: 19.822 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

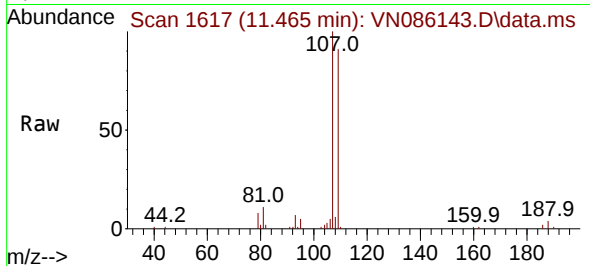
Tgt Ion:129 Resp: 66962
Ion Ratio Lower Upper
129 100
127 78.1 37.8 113.4





#61
1,2-Dibromoethane
Concen: 19.602 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

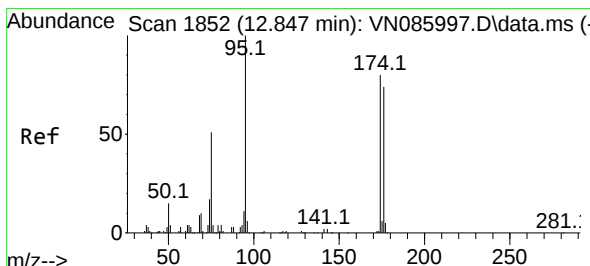
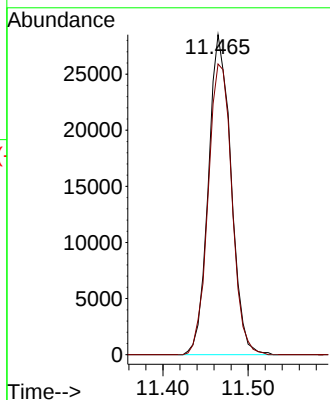
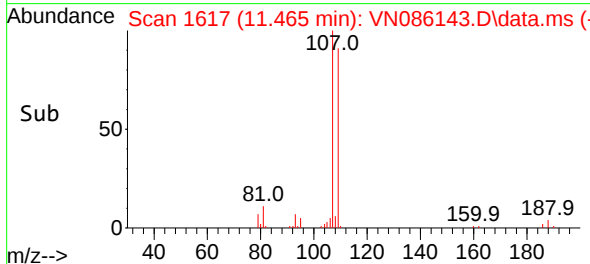
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



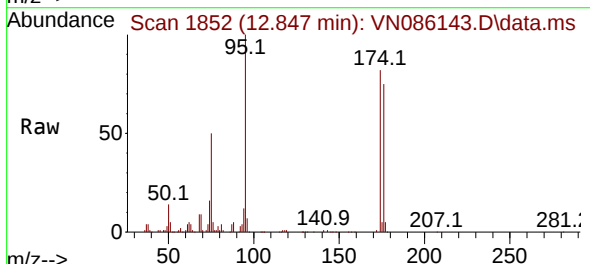
Tgt Ion:107 Resp: 5268
Ion Ratio Lower Upper
107 100
109 95.1 73.3 109.9

Manual Integrations
APPROVED

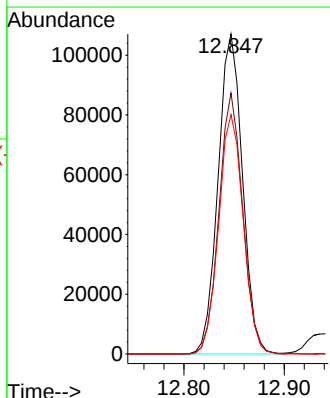
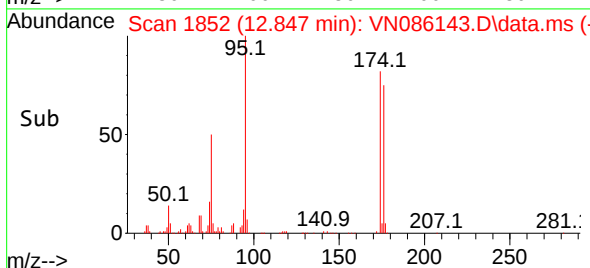
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

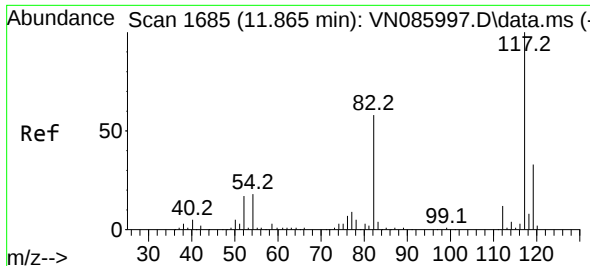


#62
4-Bromofluorobenzene
Concen: 51.739 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



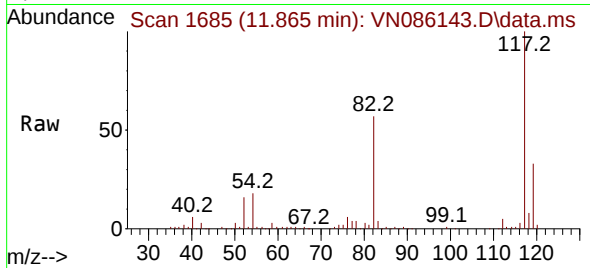
Tgt Ion: 95 Resp: 181055
Ion Ratio Lower Upper
95 100
174 79.3 0.0 156.8
176 75.3 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

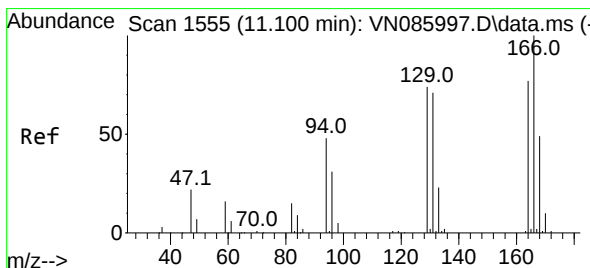
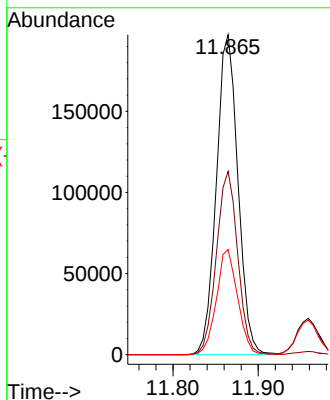
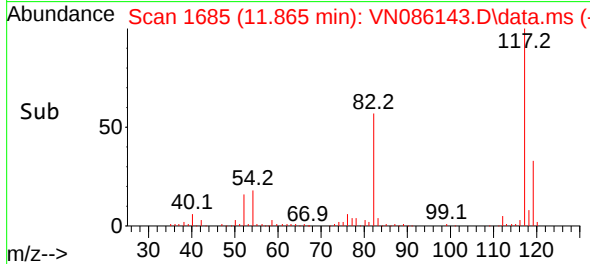
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



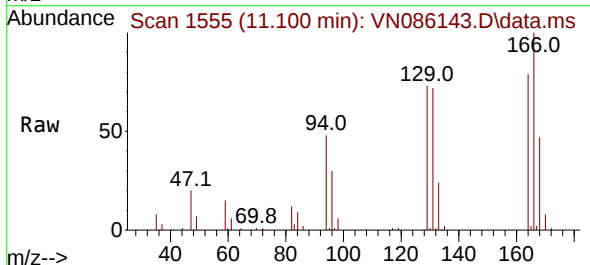
Tgt Ion:117 Resp: 34734
Ion Ratio Lower Upper
117 100
82 57.3 46.7 70.1
119 32.8 26.5 39.7

Manual Integrations
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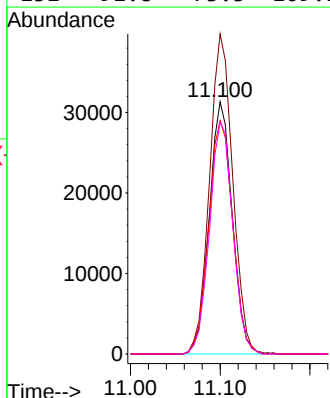
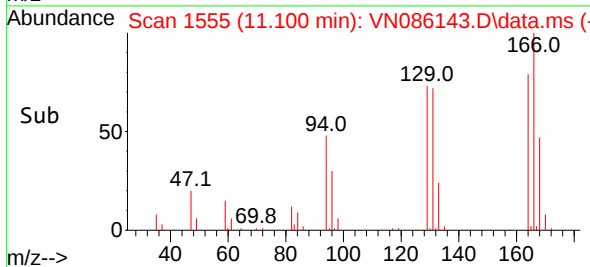
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

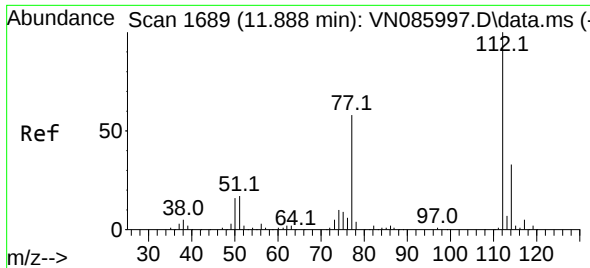


#64
Tetrachloroethene
Concen: 20.177 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



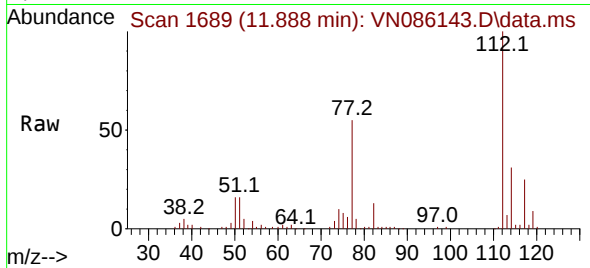
Tgt Ion:164 Resp: 55906
Ion Ratio Lower Upper
164 100
166 126.9 103.7 155.5
129 92.6 77.1 115.7
131 91.8 73.3 109.9





#65
Chlorobenzene
Concen: 19.220 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

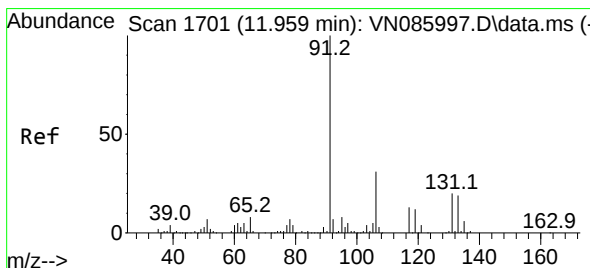
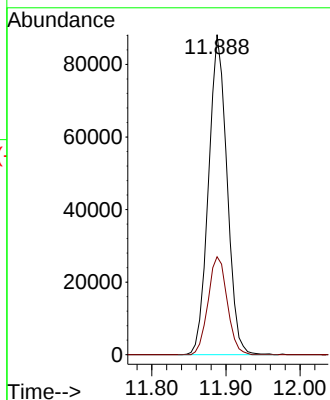
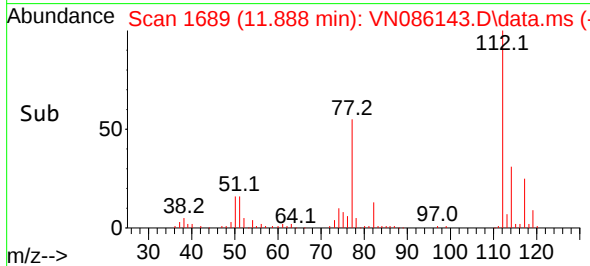
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



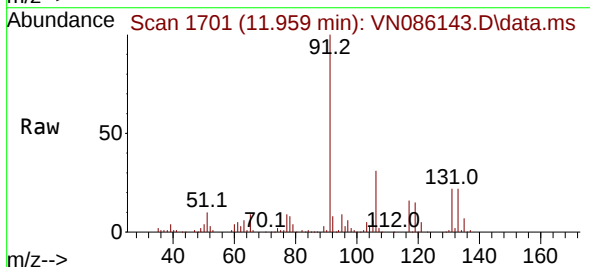
Tgt Ion:112 Resp: 15276
Ion Ratio Lower Upper
112 100
114 30.6 26.3 39.5

Manual Integrations
APPROVED

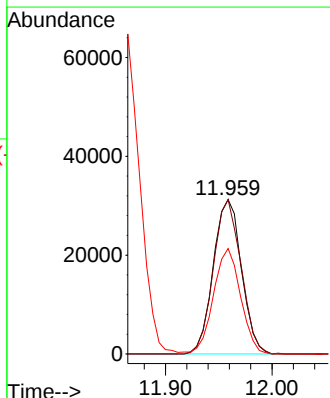
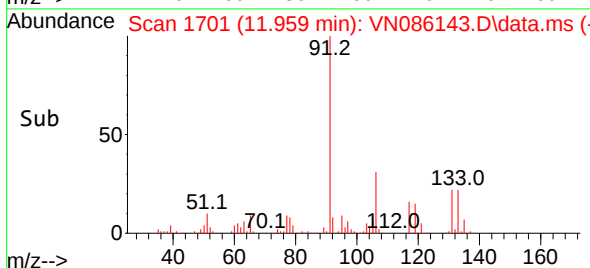
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

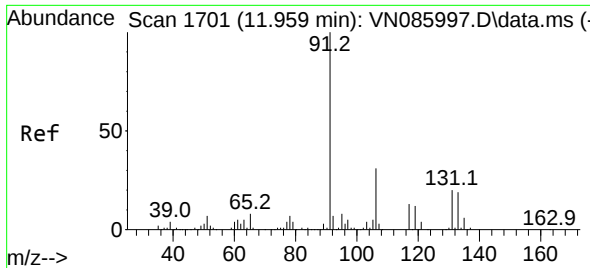


#66
1,1,1,2-Tetrachloroethane
Concen: 19.433 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



Tgt Ion:131 Resp: 57418
Ion Ratio Lower Upper
131 100
133 98.2 47.0 141.0
119 65.8 31.4 94.0





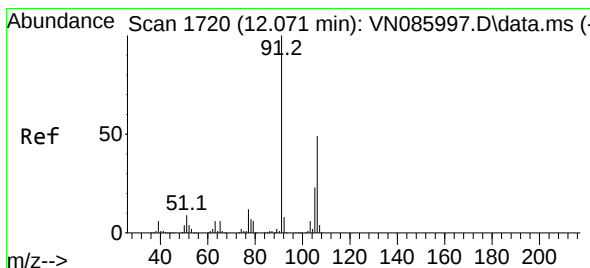
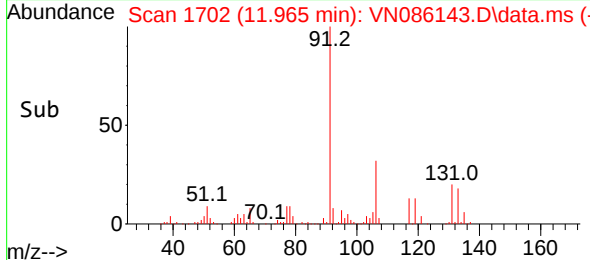
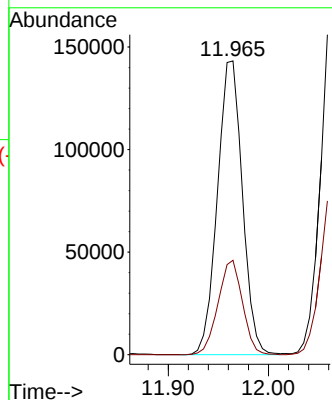
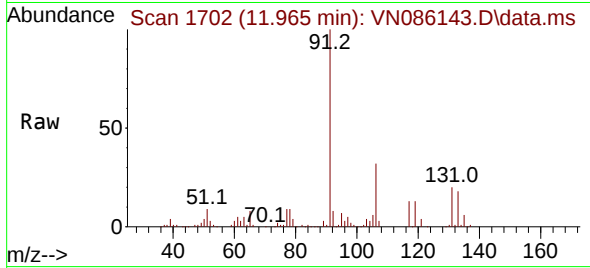
#67
Ethyl Benzene
Concen: 19.481 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 91 Resp: 24767
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7

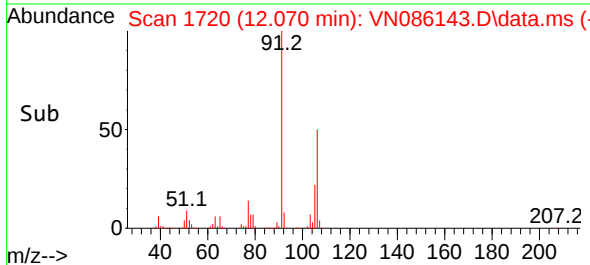
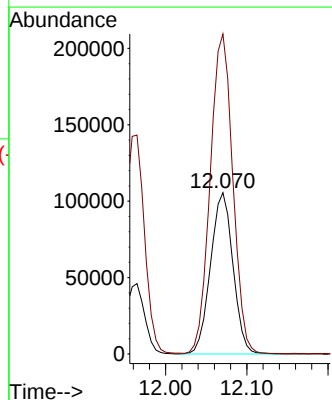
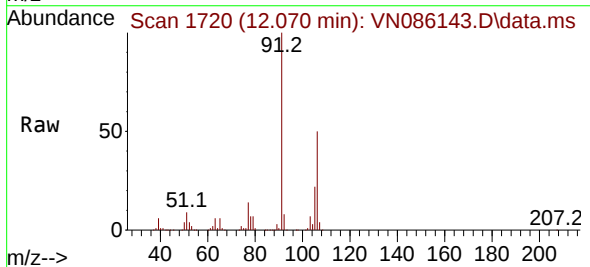
Manual Integrations
APPROVED

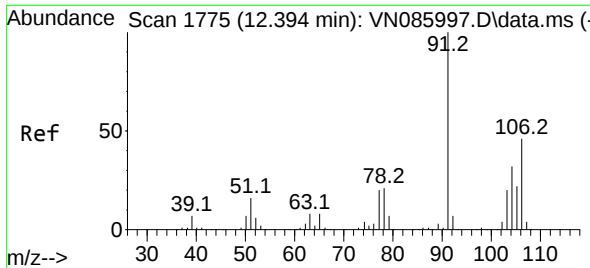
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#68
m/p-Xylenes
Concen: 40.568 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Tgt Ion:106 Resp: 202723
Ion Ratio Lower Upper
106 100
91 199.1 163.9 245.9





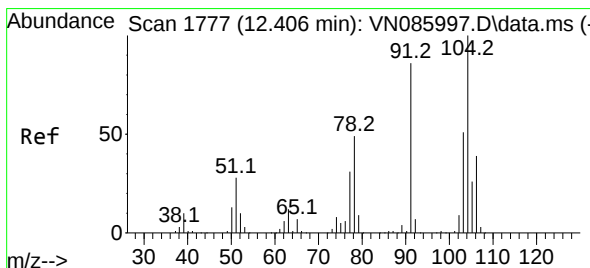
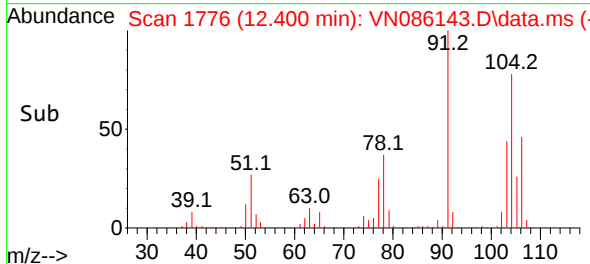
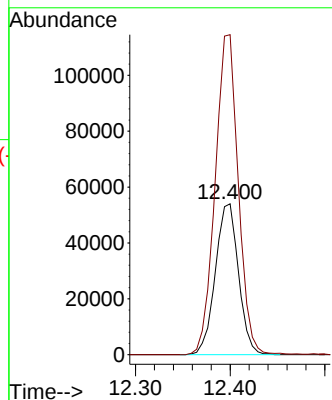
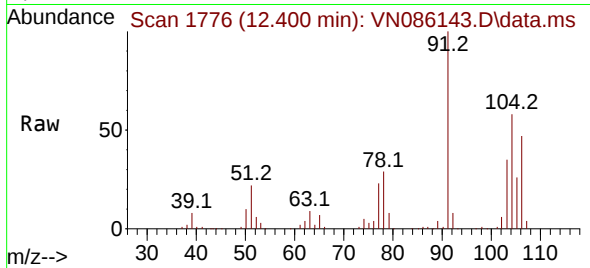
#69
o-Xylene
Concen: 19.994 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion:106 Resp: 9170
Ion Ratio Lower Upper
106 100
91 212.6 109.1 327.2

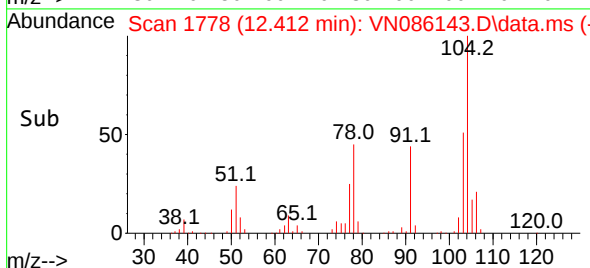
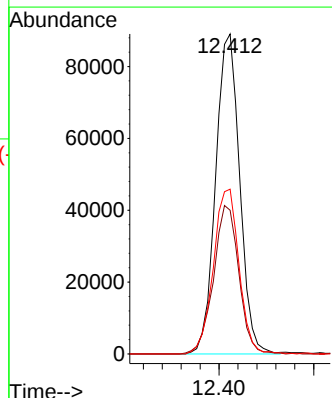
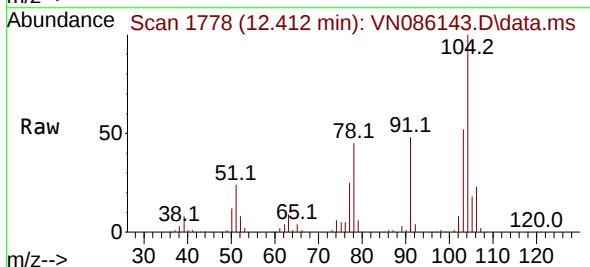
Manual Integrations
APPROVED

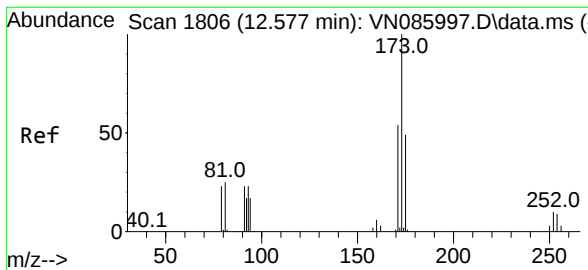
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#70
Styrene
Concen: 20.038 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

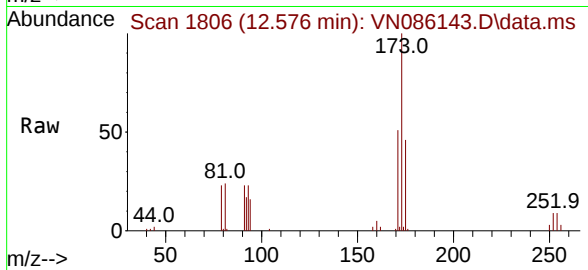
Tgt Ion:104 Resp: 156977
Ion Ratio Lower Upper
104 100
78 48.9 41.4 62.2
103 54.9 42.9 64.3





#71
Bromoform
Concen: 18.755 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

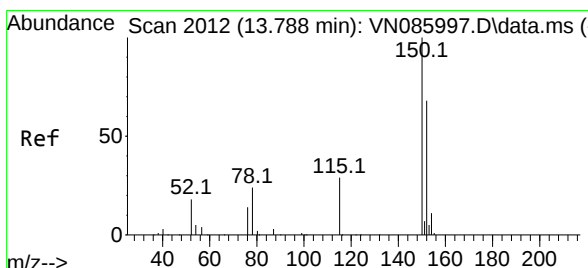
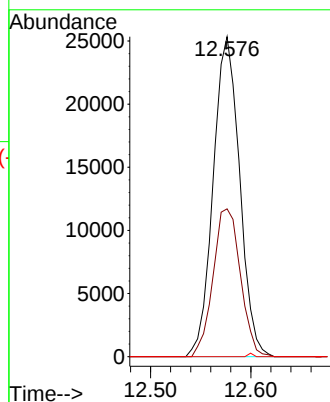
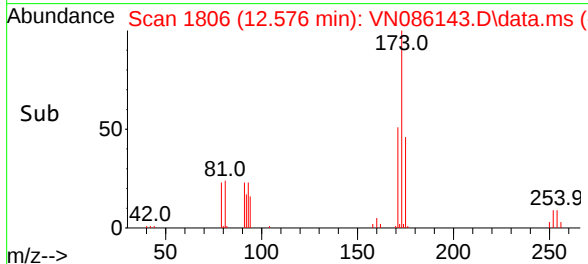
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



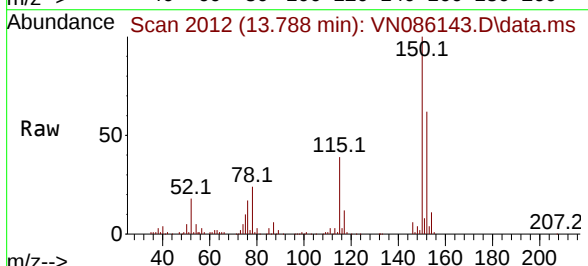
Tgt Ion:173 Resp: 46324
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

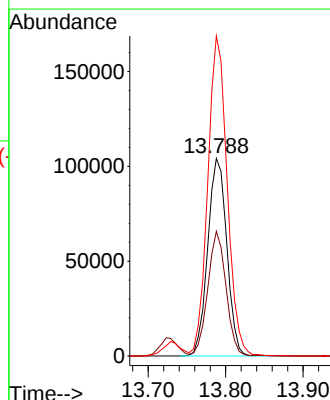
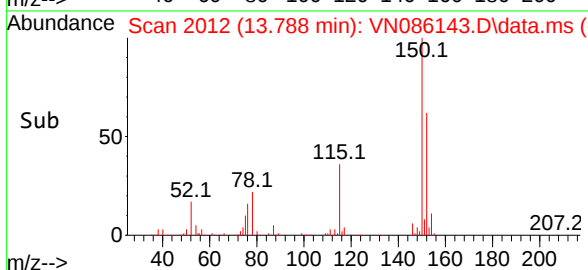
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

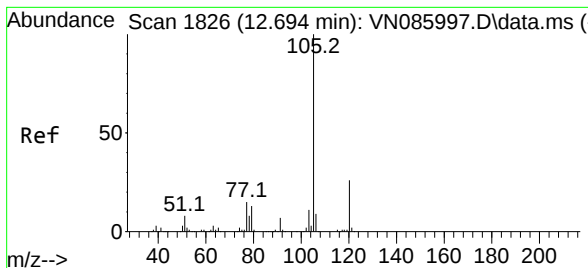


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



Tgt Ion:152 Resp: 178334
Ion Ratio Lower Upper
152 100
115 59.7 31.1 93.2
150 164.7 0.0 359.6





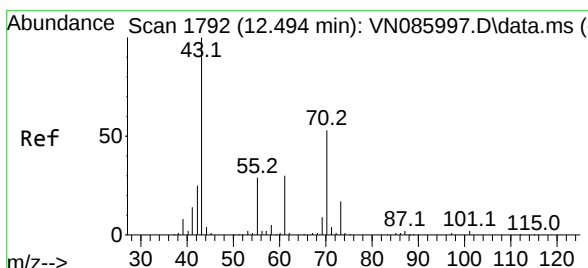
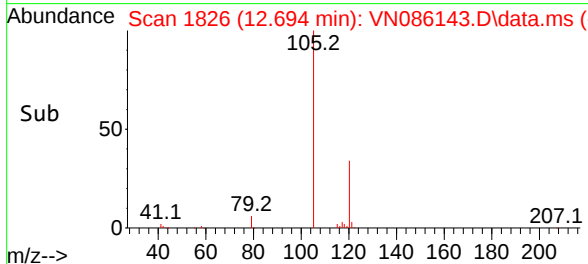
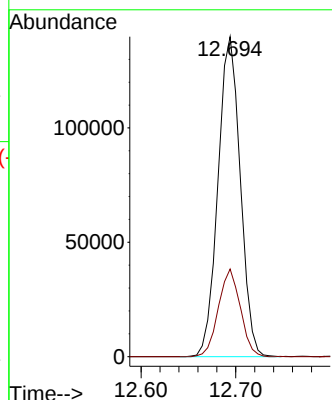
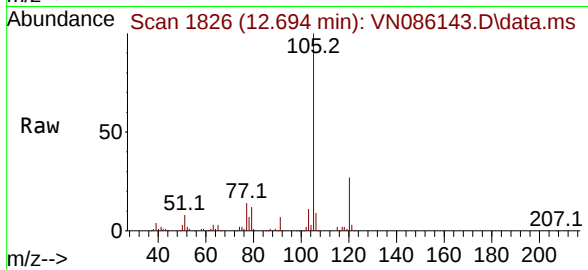
#73
Isopropylbenzene
Concen: 18.803 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion:105 Resp: 22898
Ion Ratio Lower Upper
105 100
120 26.9 13.0 39.0

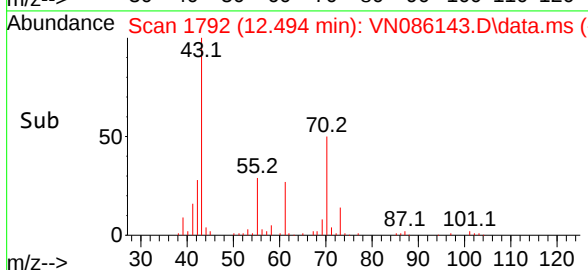
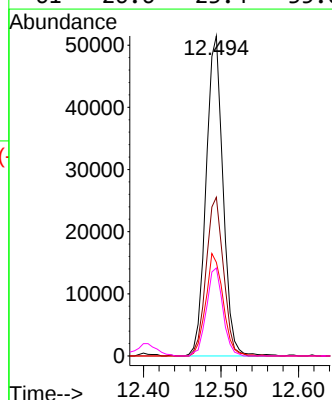
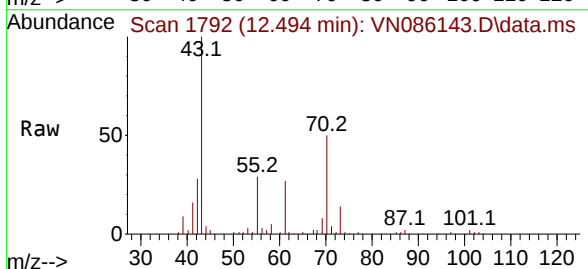
Manual Integrations
APPROVED

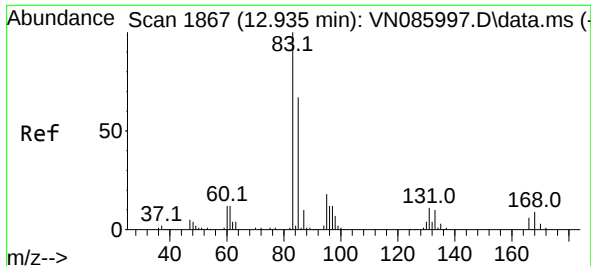
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#74
N-ethyl acetate
Concen: 19.187 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

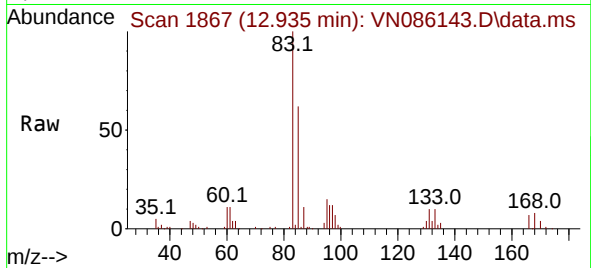
Tgt Ion: 43 Resp: 78177
Ion Ratio Lower Upper
43 100
70 50.8 43.0 64.4
55 32.8 23.8 35.8
61 26.6 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.806 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

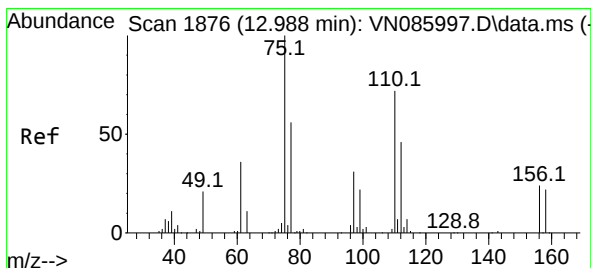
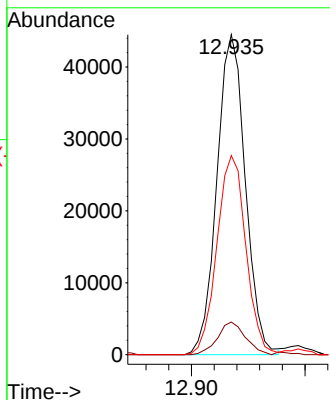
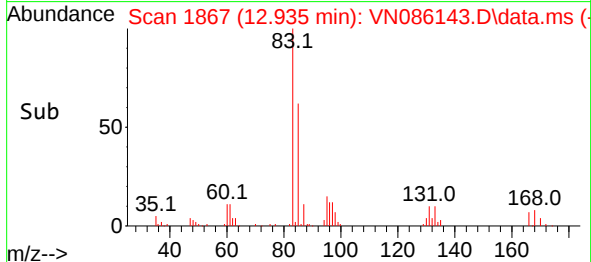
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



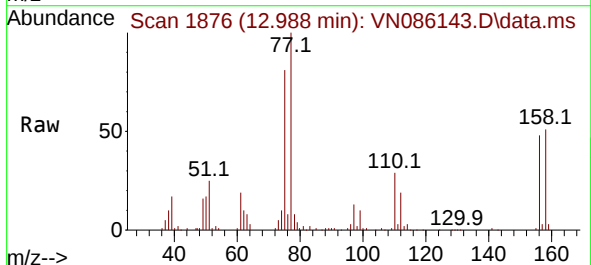
Tgt Ion: 83 Resp: 7748
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.1 32.6 97.8

Manual Integrations
APPROVED

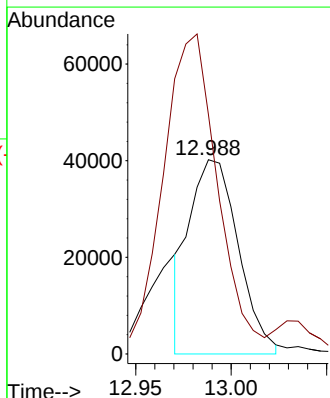
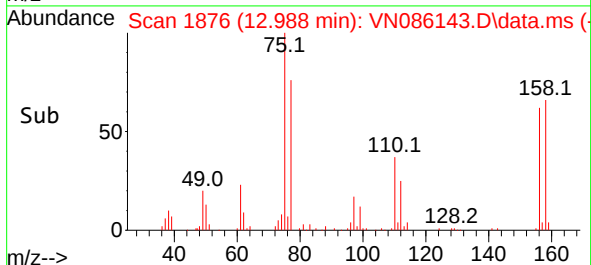
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

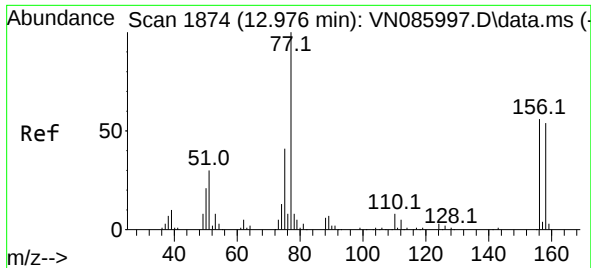


#76
1,2,3-Trichloropropane
Concen: 17.900 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



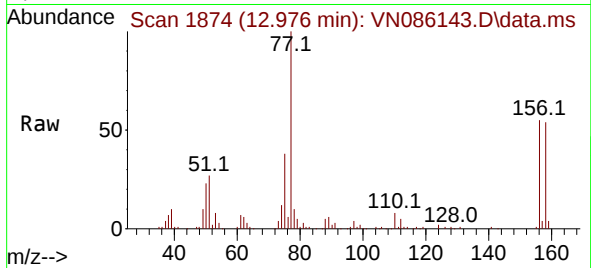
Tgt Ion: 75 Resp: 71467
Ion Ratio Lower Upper
75 100
77 184.9 83.7 251.0





#77
Bromobenzene
Concen: 18.612 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

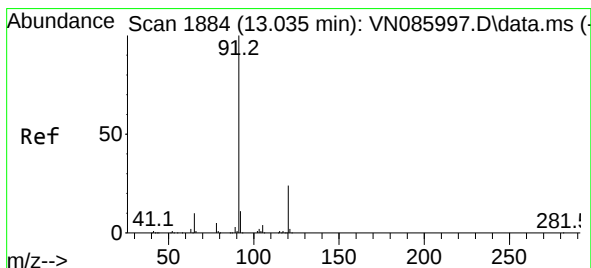
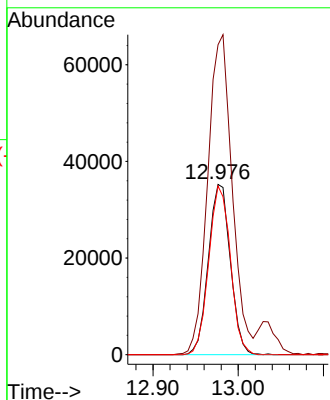
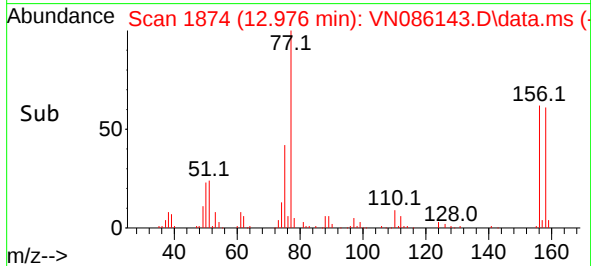
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



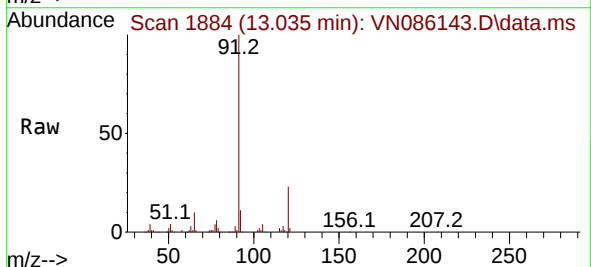
Tgt Ion:156 Resp: 63200
Ion Ratio Lower Upper
156 100
77 209.1 104.1 312.3
158 97.6 49.0 147.0

Manual Integrations
APPROVED

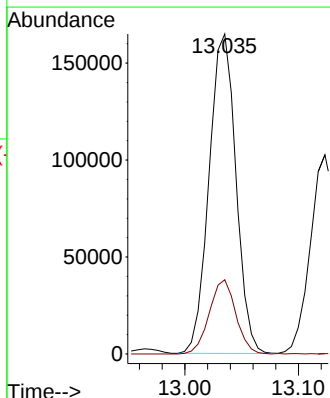
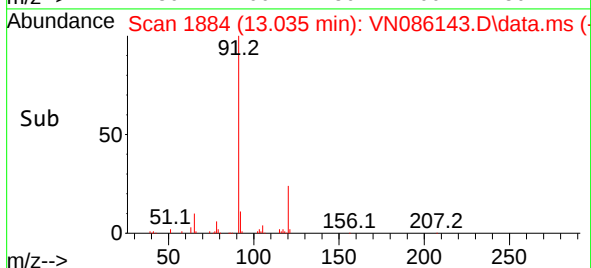
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

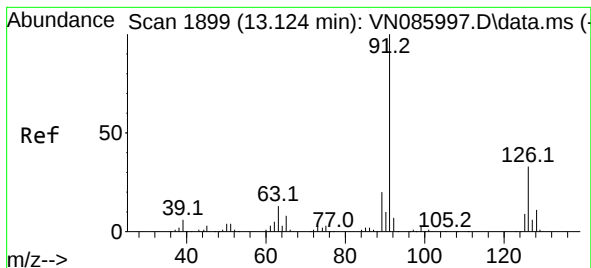


#78
n-propylbenzene
Concen: 19.641 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



Tgt Ion: 91 Resp: 270846
Ion Ratio Lower Upper
91 100
120 22.8 11.7 35.0





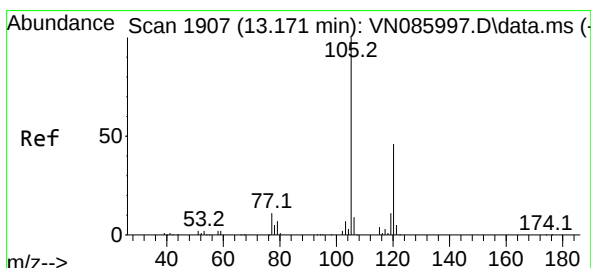
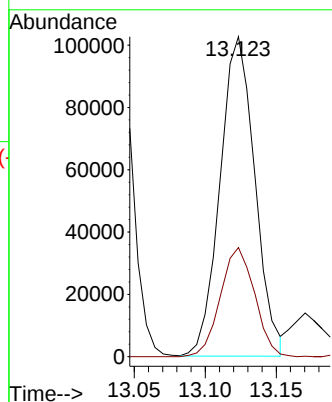
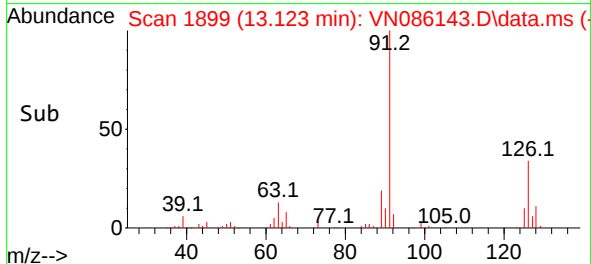
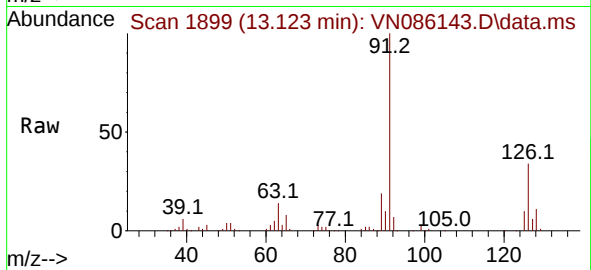
#79
2-Chlorotoluene
Concen: 19.139 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 91 Resp: 17530
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.2

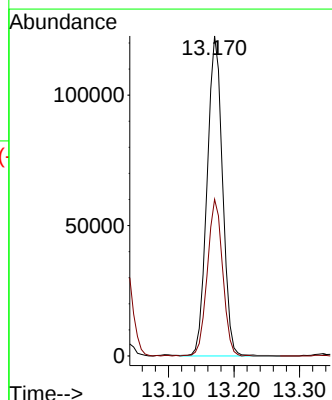
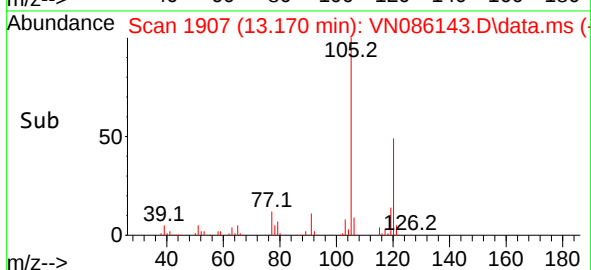
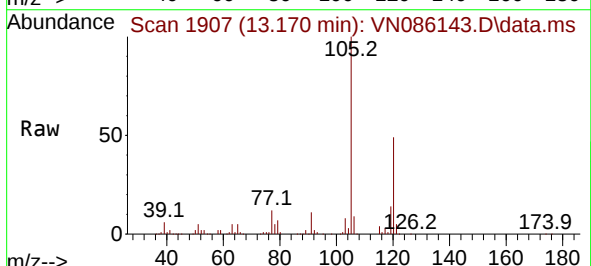
Manual Integrations
APPROVED

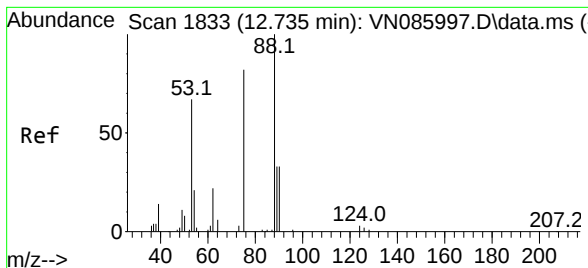
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.489 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

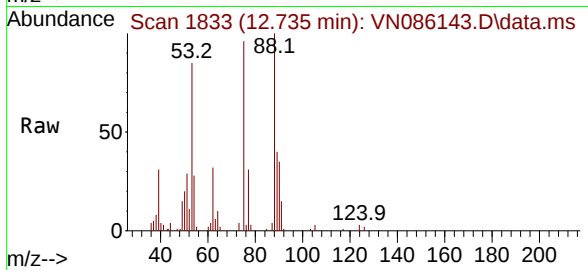
Tgt Ion:105 Resp: 200388
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.202 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

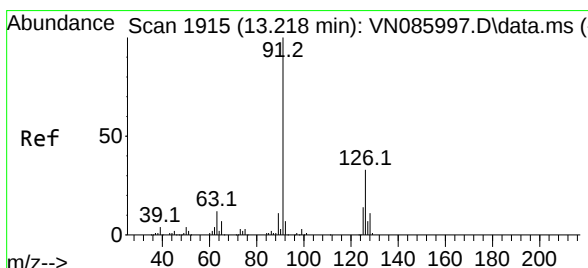
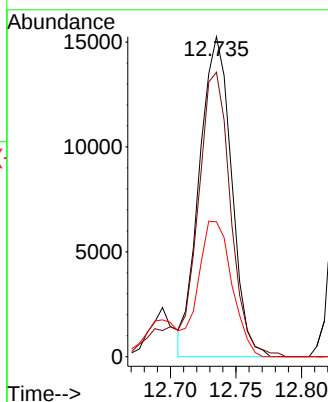
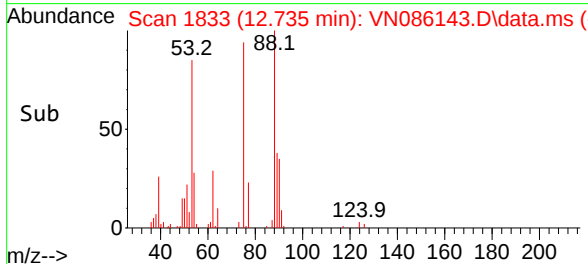
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 75 Resp: 2597
Ion Ratio Lower Upper
75 100
53 98.1 66.0 99.0
89 44.8 36.9 55.3

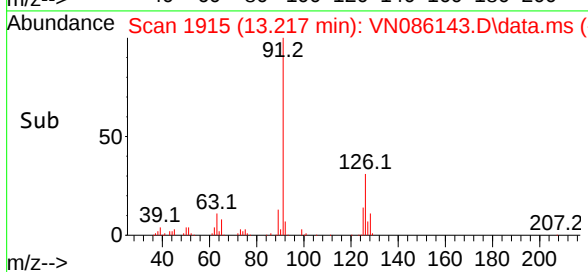
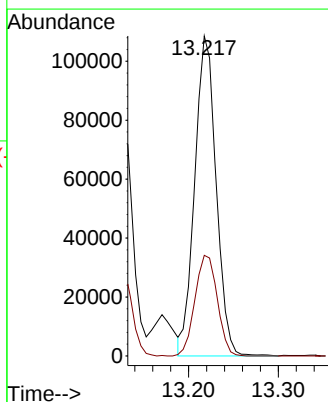
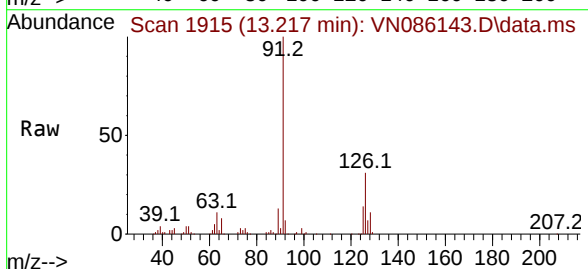
Manual Integrations
APPROVED

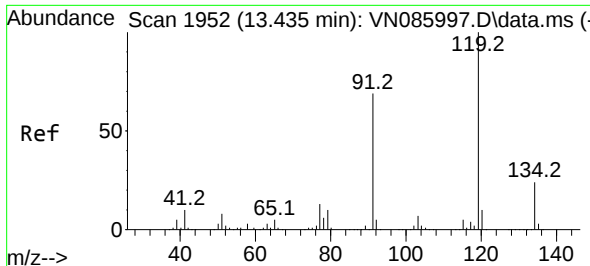
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#82
4-Chlorotoluene
Concen: 19.118 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

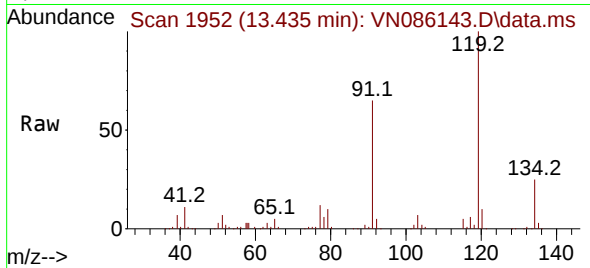
Tgt Ion: 91 Resp: 180075
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.257 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

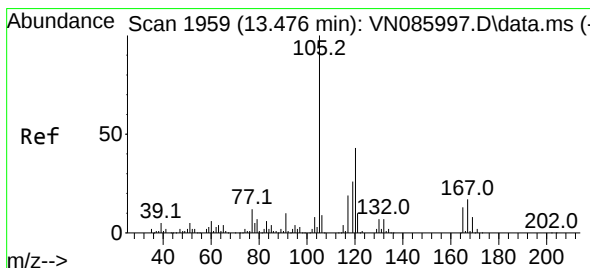
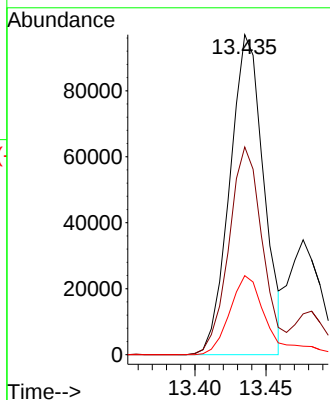
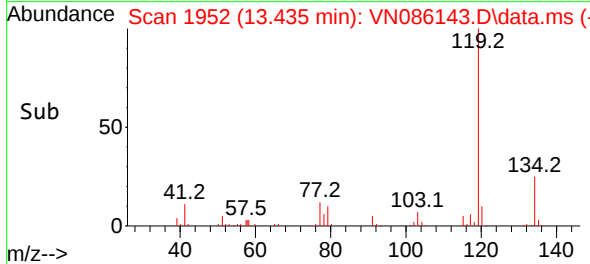
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



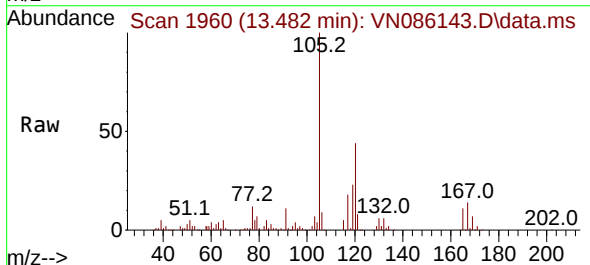
Tgt Ion:119 Resp: 160550
Ion Ratio Lower Upper
119 100
91 65.1 34.3 102.9
134 27.0 13.5 40.5

Manual Integrations
APPROVED

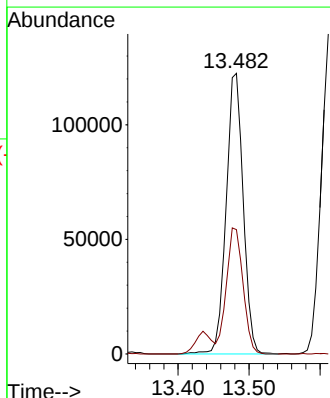
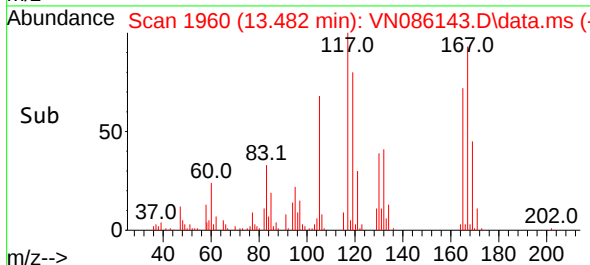
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

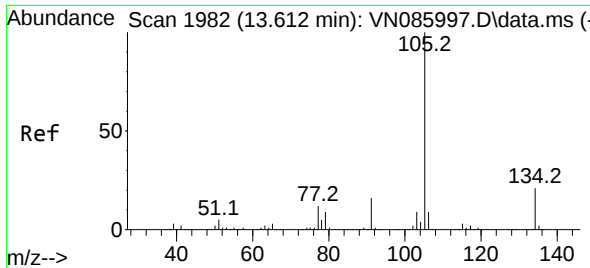


#84
1,2,4-Trimethylbenzene
Concen: 19.653 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



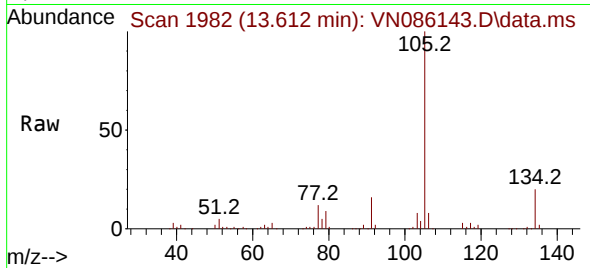
Tgt Ion:105 Resp: 203809
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 19.663 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086143.D
 Acq: 28 Mar 2025 12:07

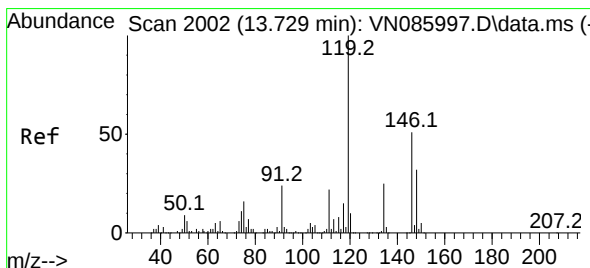
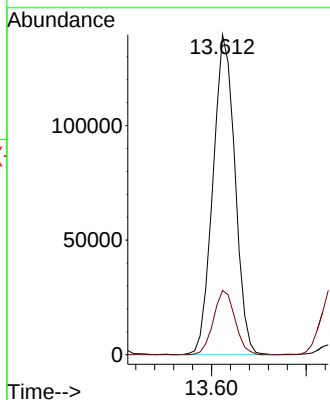
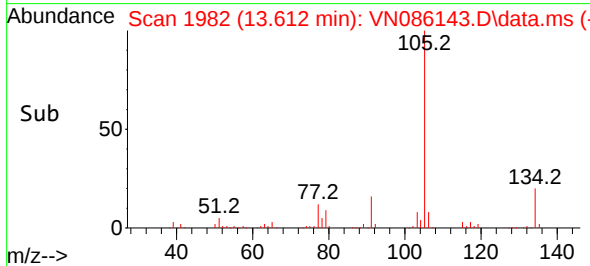
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01



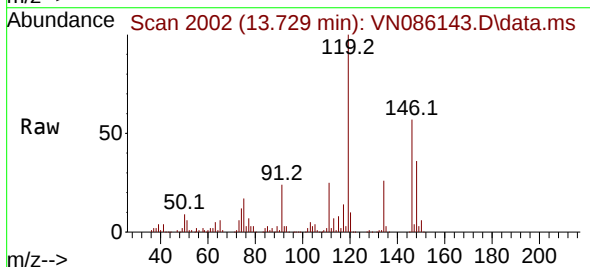
Tgt Ion:105 Resp: 225569
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

Manual Integrations
 APPROVED

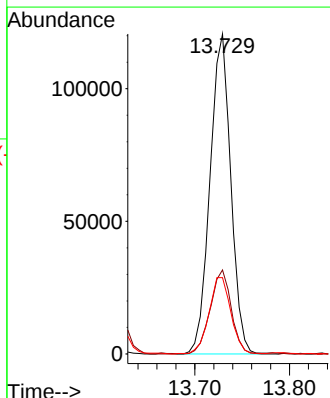
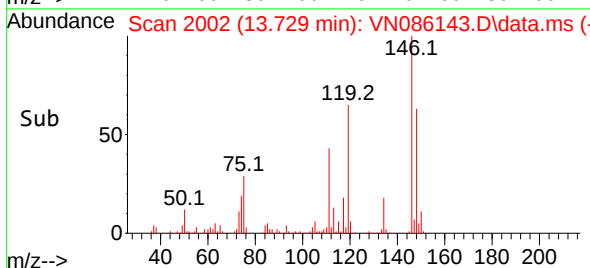
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025

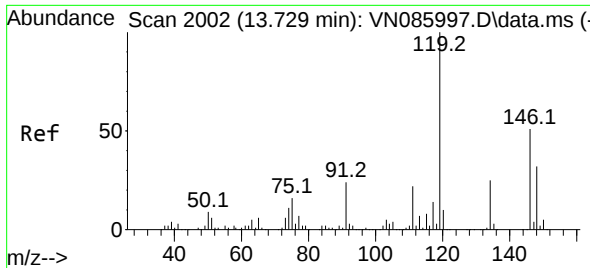


#86
 p-Isopropyltoluene
 Concen: 18.940 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086143.D
 Acq: 28 Mar 2025 12:07



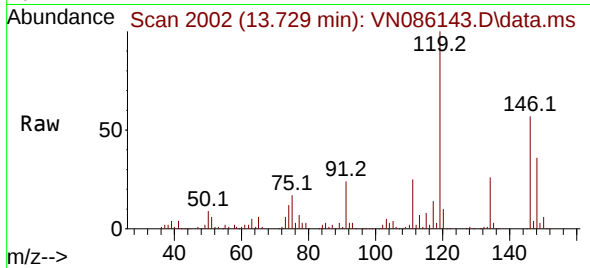
Tgt Ion:119 Resp: 183923
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 25.4 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 19.130 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086143.D
 Acq: 28 Mar 2025 12:07

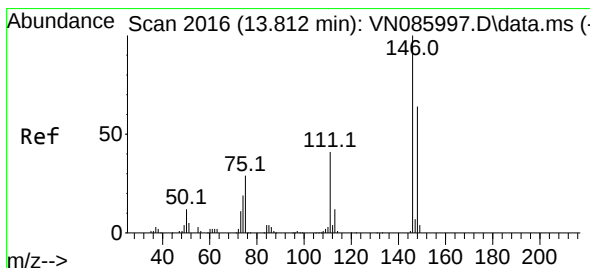
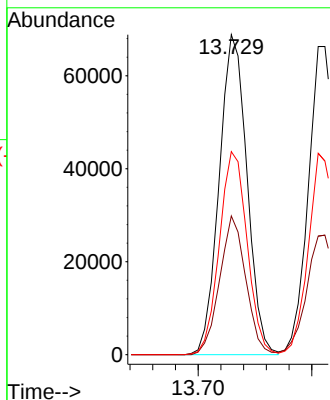
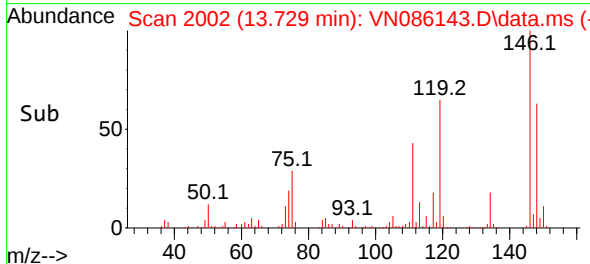
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01



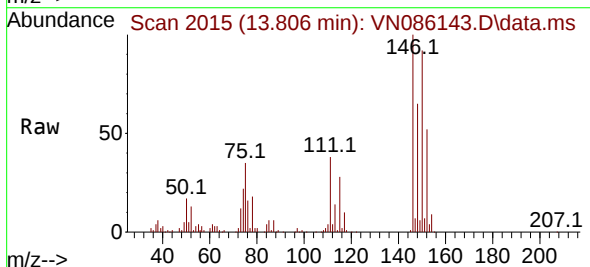
Tgt Ion:146 Resp: 117099
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.2 63.6
 148 63.4 31.8 95.4

Manual Integrations
 APPROVED

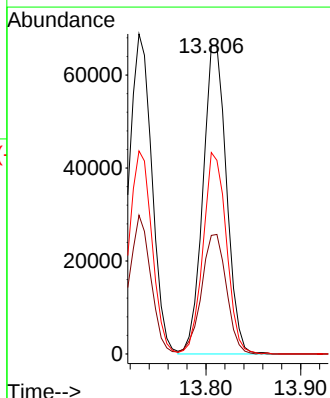
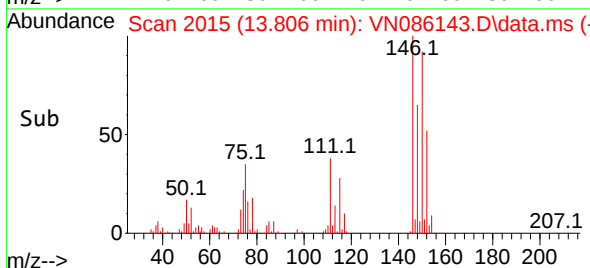
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025

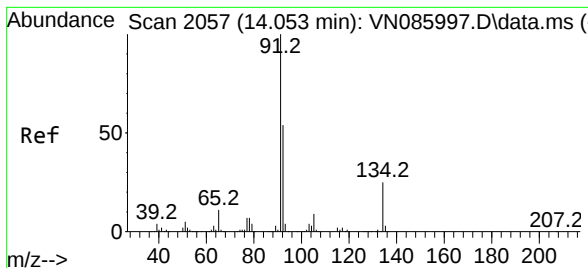


#88
 1,4-Dichlorobenzene
 Concen: 17.839 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN086143.D
 Acq: 28 Mar 2025 12:07



Tgt Ion:146 Resp: 114724
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 17.656 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBS01

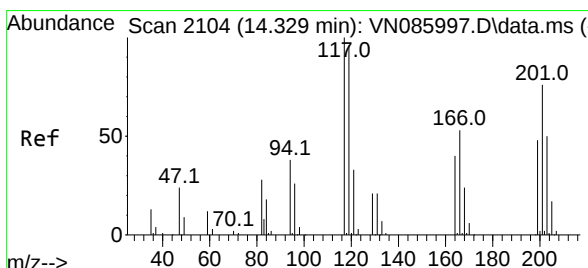
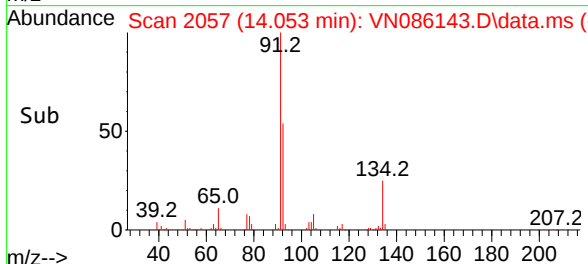
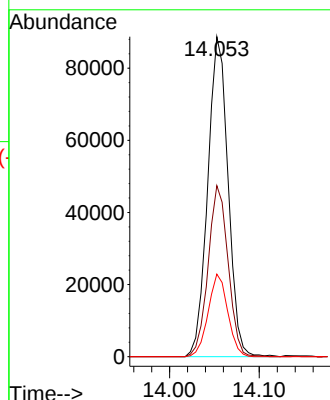
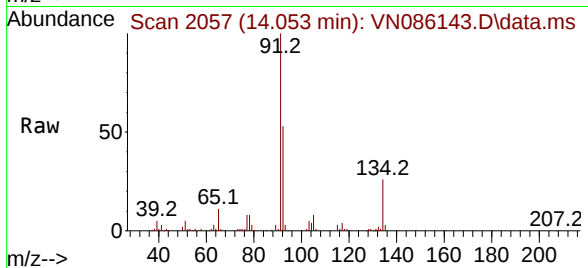
Tgt Ion:	91	Resp:	13962
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.9	80.6
134	24.9	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#90

Hexachloroethane

Concen: 17.629 ug/l

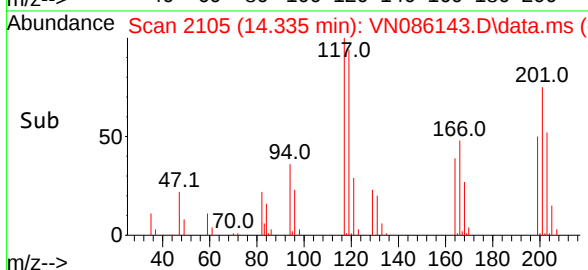
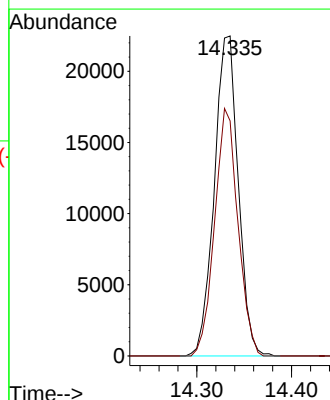
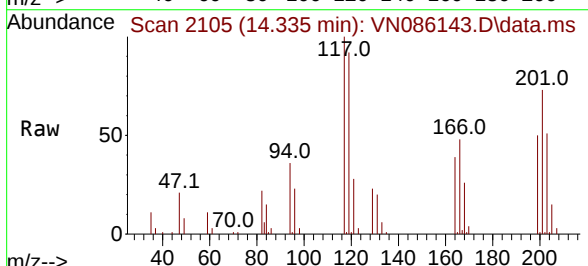
RT: 14.335 min Scan# 2105

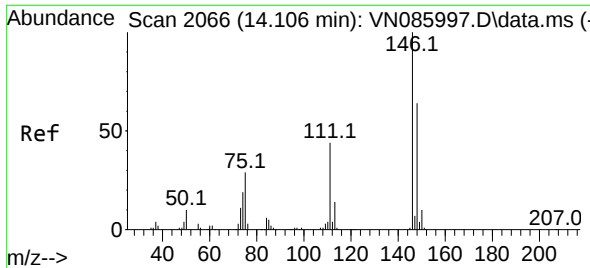
Delta R.T. 0.006 min

Lab File: VN086143.D

Acq: 28 Mar 2025 12:07

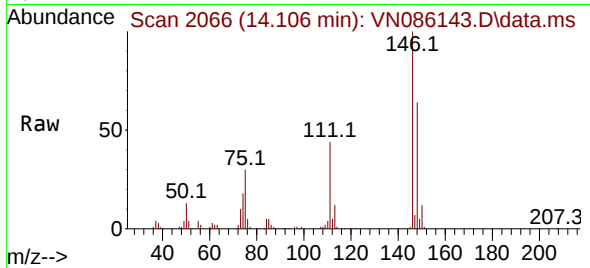
Tgt Ion:	117	Resp:	39502
Ion Ratio	Lower	Upper	
117	100		
201	75.4	39.1	117.3





#91
1,2-Dichlorobenzene
Concen: 18.677 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

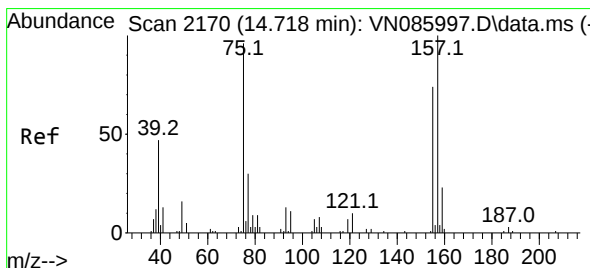
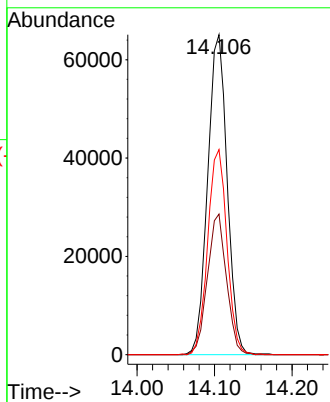
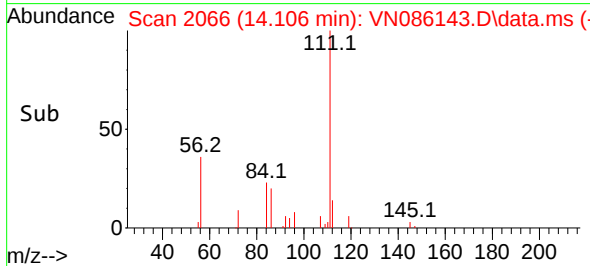
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion:146 Resp: 113644
Ion Ratio Lower Upper
146 100
111 43.1 22.3 66.8
148 63.3 32.1 96.5

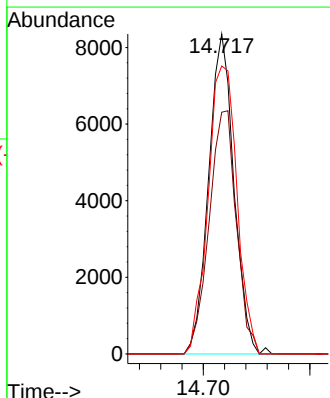
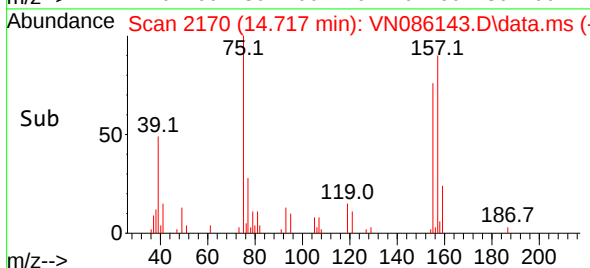
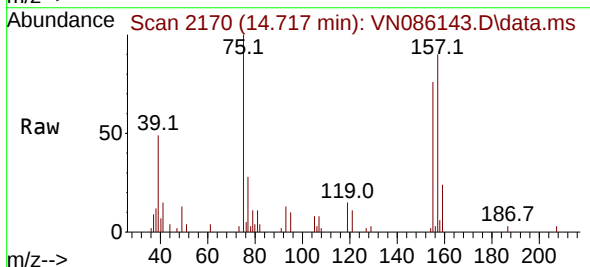
Manual Integrations
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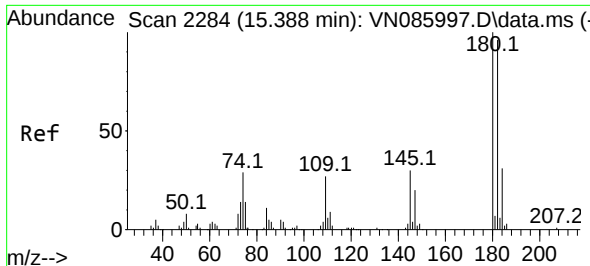
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.781 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

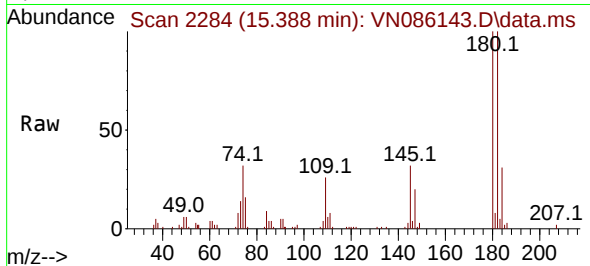
Tgt Ion: 75 Resp: 13801
Ion Ratio Lower Upper
75 100
155 81.6 41.0 123.0
157 102.8 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 15.473 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

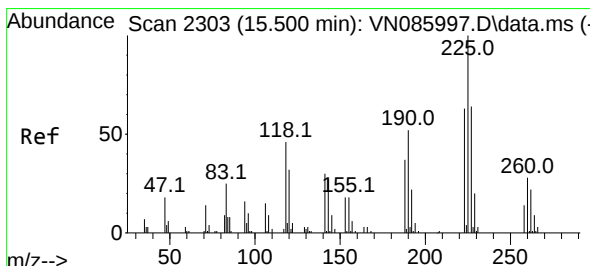
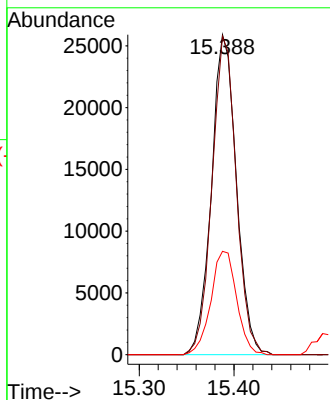
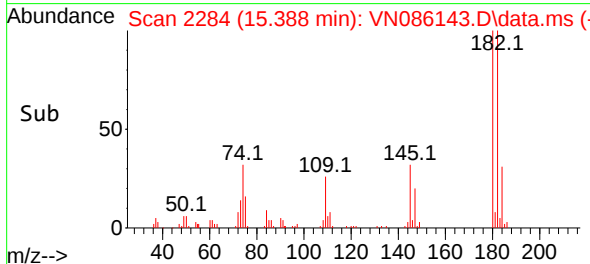
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion:180 Resp: 4734
Ion Ratio Lower Upper
180 100
182 96.7 47.0 141.0
145 33.5 15.5 46.5

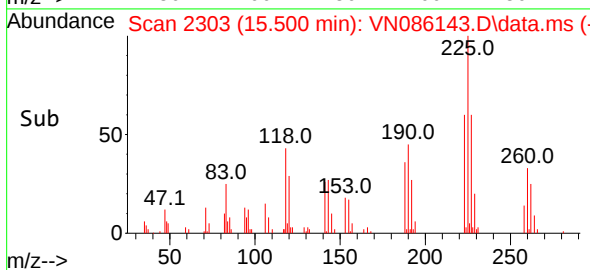
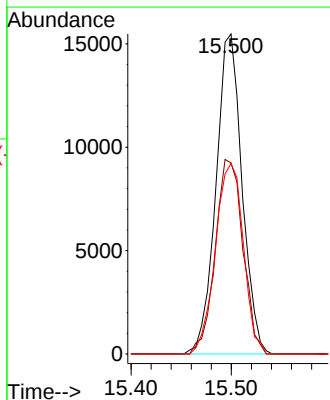
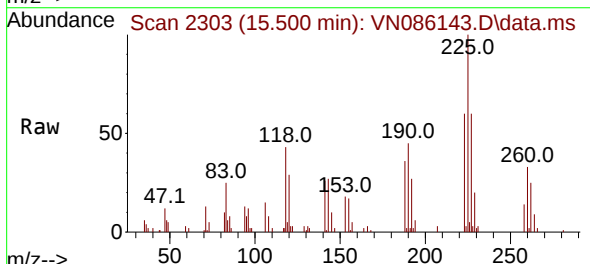
Manual Integrations
APPROVED

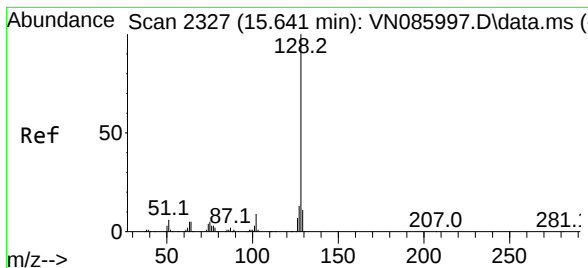
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#94
Hexachlorobutadiene
Concen: 15.743 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

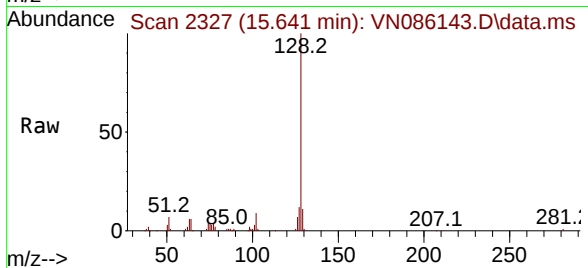
Tgt Ion:225 Resp: 27945
Ion Ratio Lower Upper
225 100
223 64.5 31.3 93.9
227 63.8 32.1 96.3





#95
Naphthalene
Concen: 14.294 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07

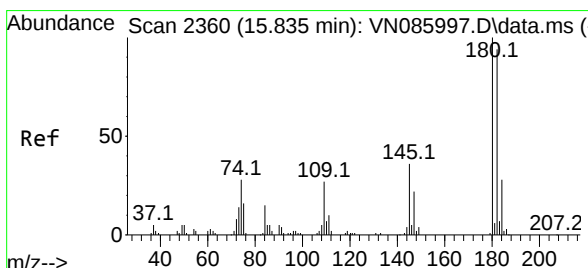
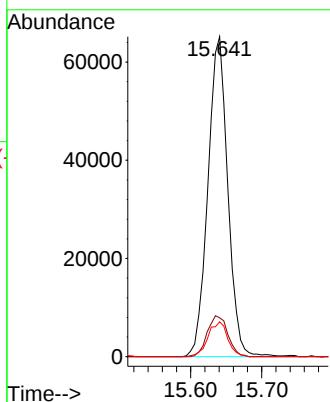
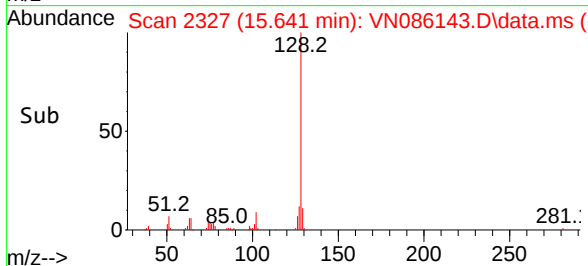
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



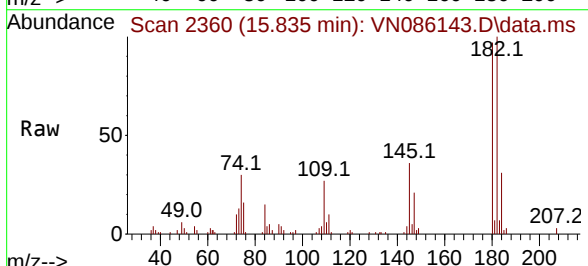
Tgt Ion:128 Resp: 126634
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.478 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086143.D
Acq: 28 Mar 2025 12:07



Tgt Ion:180 Resp: 47837
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 34.0 17.7 53.1

