

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086138.D
 Acq On : 26 Mar 2025 20:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 27 01:45:51 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135243	58.226	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.460%			
35) Dibromofluoromethane	8.165	113	110596	53.125	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.240%			
50) Toluene-d8	10.565	98	381848	50.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.847	95	140691	52.213	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82011	36.494	ug/l	96
3) Chloromethane	2.359	50	108979	55.317	ug/l	99
4) Vinyl Chloride	2.512	62	103084	51.175	ug/l	99
5) Bromomethane	2.947	94	73999	53.931	ug/l	100
6) Chloroethane	3.112	64	71667	56.397	ug/l	93
7) Trichlorofluoromethane	3.495	101	145534	40.191	ug/l	100
8) Diethyl Ether	3.959	74	70153	63.285	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	84274	43.790	ug/l	97
10) Methyl Iodide	4.583	142	138620	55.279	ug/l	99
11) Tert butyl alcohol	5.518	59	94924	288.650	ug/l	97
12) 1,1-Dichloroethene	4.336	96	84805	48.801	ug/l	98
13) Acrolein	4.183	56	61775	176.122	ug/l	97
14) Allyl chloride	5.024	41	126162	58.193	ug/l	94
15) Acrylonitrile	5.718	53	294081	338.606	ug/l	98
16) Acetone	4.424	43	211763	298.421	ug/l	99
17) Carbon Disulfide	4.706	76	238384	41.712	ug/l	98
18) Methyl Acetate	5.018	43	132558	75.502	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	369462	64.881	ug/l	97
20) Methylene Chloride	5.271	84	123830	59.651	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	101739	53.571	ug/l	98
22) Diisopropyl ether	6.671	45	322564	69.820	ug/l	98
23) Vinyl Acetate	6.600	43	1205462	344.201	ug/l	97
24) 1,1-Dichloroethane	6.565	63	199407	58.696	ug/l	99
25) 2-Butanone	7.482	43	338700	330.785	ug/l	93
26) 2,2-Dichloropropane	7.488	77	144911	44.305	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	128830	59.696	ug/l	98
28) Bromochloromethane	7.812	49	93030	64.633	ug/l	94
29) Tetrahydrofuran	7.835	42	231334	365.956	ug/l	94
30) Chloroform	7.965	83	213996	56.988	ug/l	99
31) Cyclohexane	8.253	56	123098	42.534	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	169265	47.619	ug/l	99
36) 1,1-Dichloropropene	8.365	75	122330	44.626	ug/l	99
37) Ethyl Acetate	7.553	43	135938	58.781	ug/l	98
38) Carbon Tetrachloride	8.359	117	149162	41.385	ug/l	97
39) Methylcyclohexane	9.600	83	108557	39.915	ug/l	92
40) Benzene	8.606	78	451598	52.478	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	73006	66.111	ug/l	96
42) 1,2-Dichloroethane	8.665	62	158969	53.016	ug/l	99
43) Isopropyl Acetate	8.688	43	248862	49.660	ug/l	94
44) Trichloroethene	9.347	130	97307	43.629	ug/l	95
45) 1,2-Dichloropropane	9.618	63	112520	57.488	ug/l	95
46) Dibromomethane	9.706	93	86713	56.335	ug/l	98
47) Bromodichloromethane	9.888	83	175292	54.490	ug/l	97
48) Methyl methacrylate	9.676	41	105777	63.964	ug/l	98
49) 1,4-Dioxane	9.694	88	47420	1213.018	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	729178	329.927	ug/l	98
52) Toluene	10.629	92	277758	52.590	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	173326	55.478	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	187717	56.949	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	118547	58.808	ug/l	96
56) Ethyl methacrylate	10.871	69	183825	56.881	ug/l	98
57) 1,3-Dichloropropane	11.159	76	199137	58.161	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	414605	324.376	ug/l	96
59) 2-Hexanone	11.194	43	534086	331.719	ug/l	98
60) Dibromochloromethane	11.359	129	143925	55.329	ug/l	98
61) 1,2-Dibromoethane	11.465	107	117007	56.539	ug/l	97
64) Tetrachloroethene	11.100	164	86768	39.118	ug/l	98
65) Chlorobenzene	11.888	112	302126	47.483	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	114808	48.539	ug/l	95
67) Ethyl Benzene	11.965	91	481325	47.290	ug/l	99
68) m/p-Xylenes	12.070	106	389180	97.284	ug/l	98
69) o-Xylene	12.394	106	189393	51.583	ug/l	98
70) Styrene	12.412	104	334569	53.349	ug/l	98
71) Bromoform	12.576	173	103058	52.121	ug/l #	99
73) Isopropylbenzene	12.694	105	437333	45.622	ug/l	99
74) N-amyl acetate	12.494	43	195624	60.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	172050	53.051	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	164680m	52.400	ug/l	
77) Bromobenzene	12.976	156	126286	47.246	ug/l	95
78) n-propylbenzene	13.035	91	505397	46.560	ug/l	99
79) 2-Chlorotoluene	13.123	91	341837	47.412	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	382694	47.285	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	65016	54.695	ug/l	96
82) 4-Chlorotoluene	13.217	91	346312	46.709	ug/l	98
83) tert-Butylbenzene	13.435	119	301237	43.519	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	401306	49.161	ug/l	99
85) sec-Butylbenzene	13.611	105	414364	45.888	ug/l	99
86) p-Isopropyltoluene	13.729	119	351263	45.953	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	220509	45.768	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	218845	43.232	ug/l	99
89) n-Butylbenzene	14.053	91	269430	43.284	ug/l	99
90) Hexachloroethane	14.329	117	71052	40.284	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	226649	47.321	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33601	51.904	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	102605	42.605	ug/l	99
94) Hexachlorobutadiene	15.500	225	47400	33.925	ug/l	100
95) Naphthalene	15.641	128	346355	49.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	103041	45.091	ug/l	98

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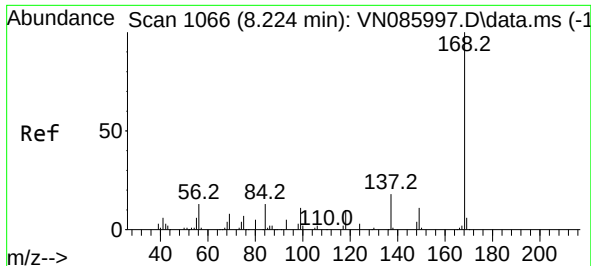
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 27 01:45:51 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

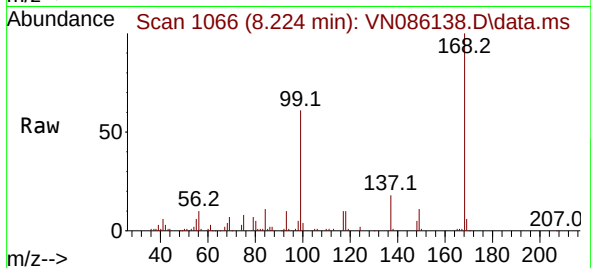
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

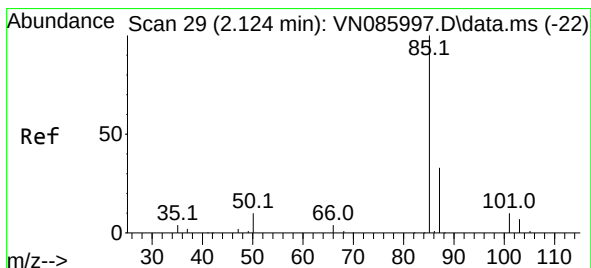
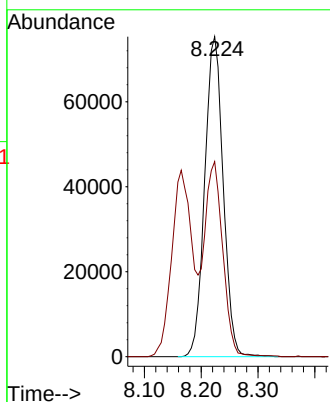
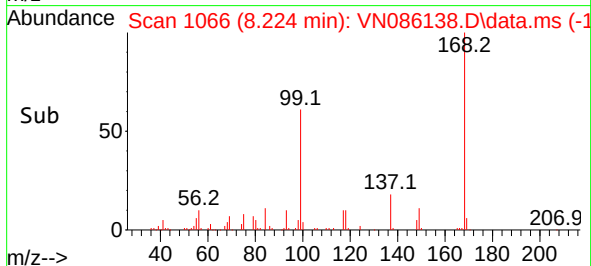
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MSVOA_N
ClientSampleId :
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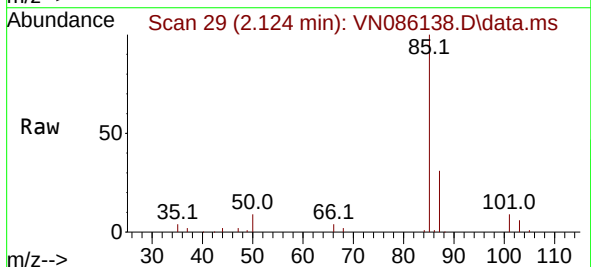
Tgt Ion:168 Resp: 16962
Ion Ratio Lower Upper
168 100
99 60.7 49.4 74.2

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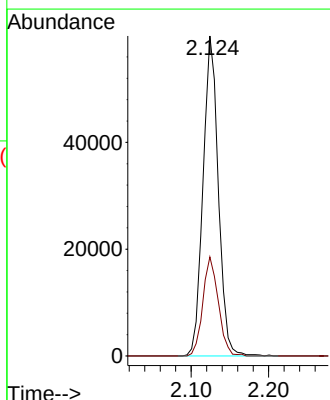
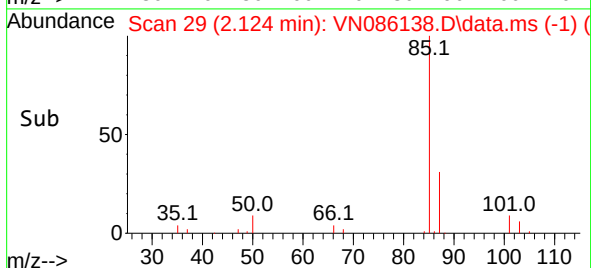
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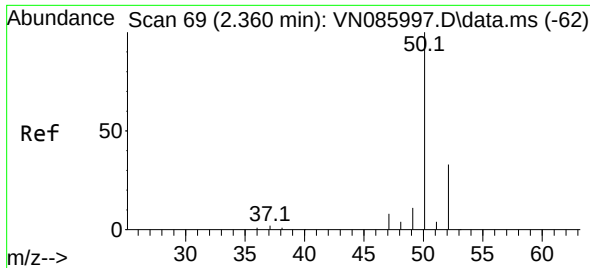


#2
Dichlorodifluoromethane
Concen: 36.494 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



Tgt Ion: 85 Resp: 82011
Ion Ratio Lower Upper
85 100
87 30.9 16.5 49.5





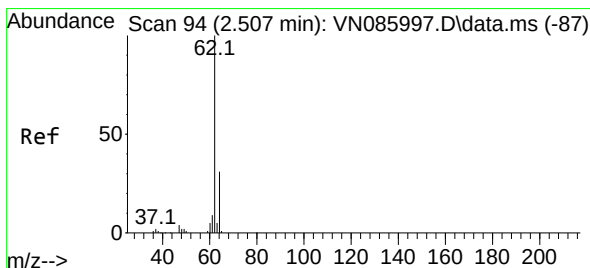
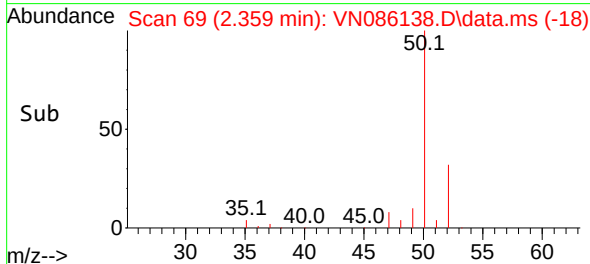
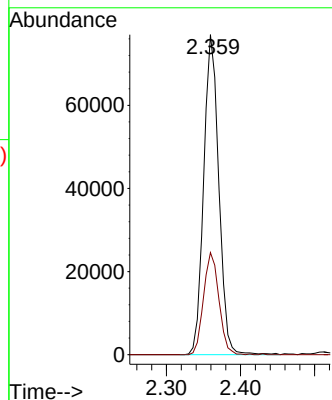
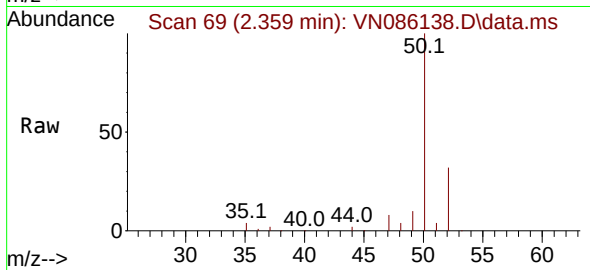
#3
Chloromethane
Concen: 55.317 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Instrument :
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Tgt Ion: 50 Resp: 108979
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0

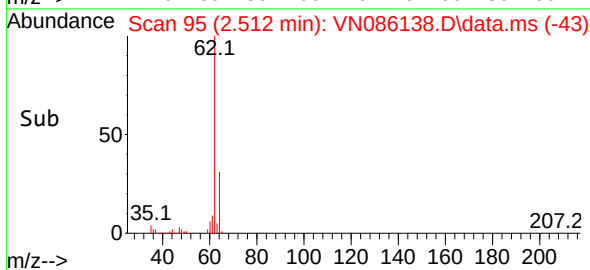
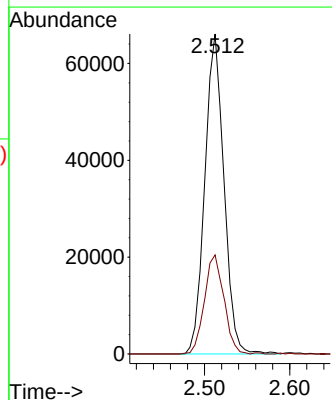
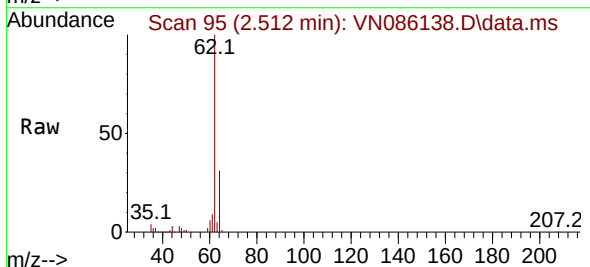
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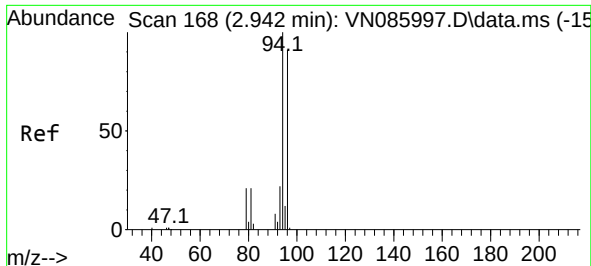
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 51.175 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

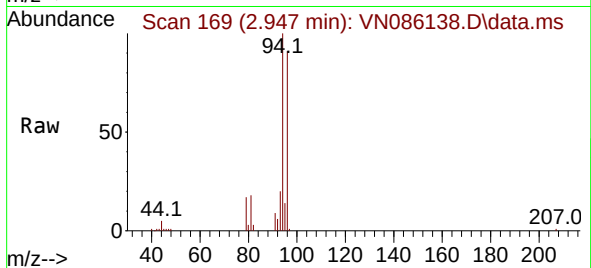
Tgt Ion: 62 Resp: 103084
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





#5
Bromomethane
Concen: 53.931 ug/l
RT: 2.947 min Scan# 168
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

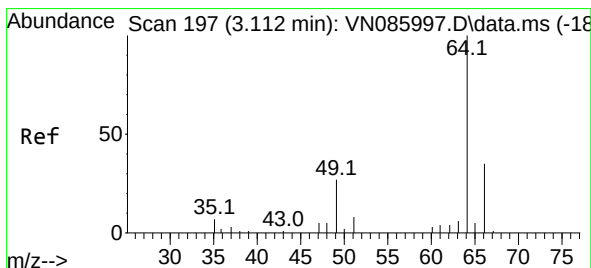
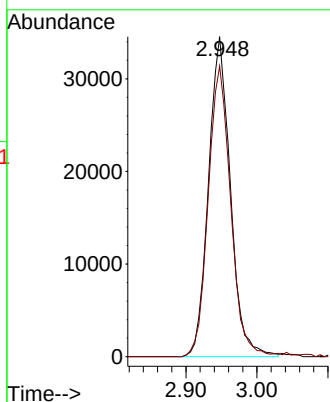
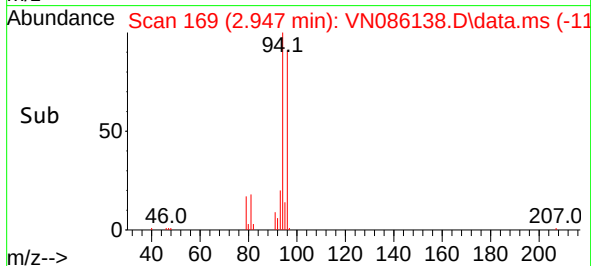
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 73999
Ion Ratio Lower Upper
94 100
96 90.8 72.8 109.2

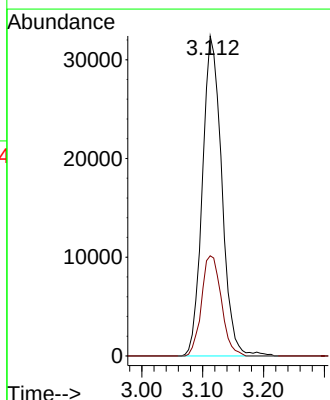
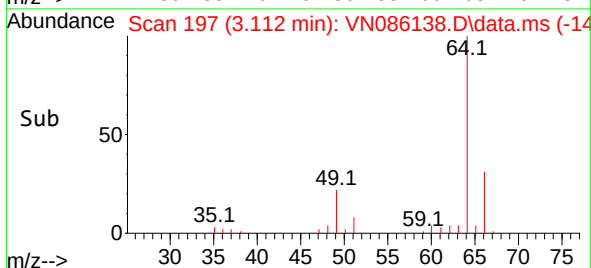
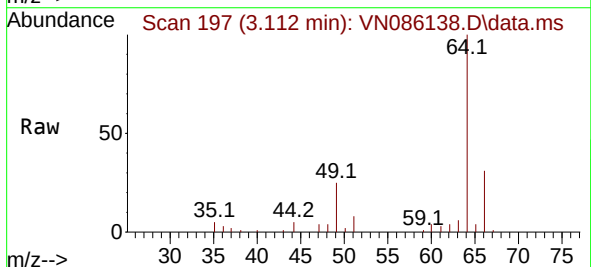
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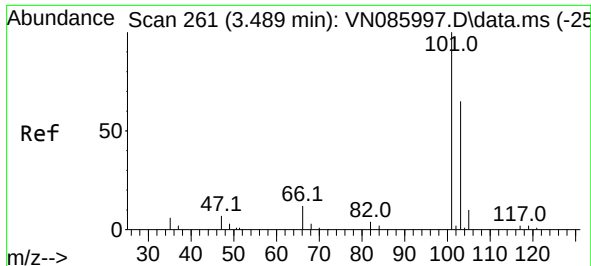
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#6
Chloroethane
Concen: 56.397 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Tgt Ion: 64 Resp: 71667
Ion Ratio Lower Upper
64 100
66 31.3 28.3 42.5





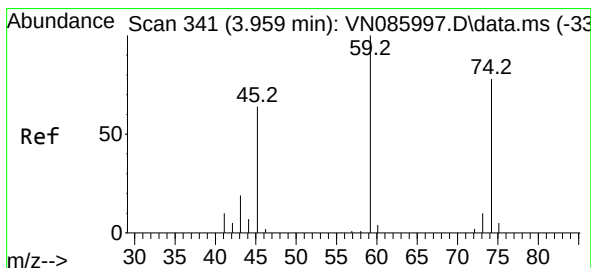
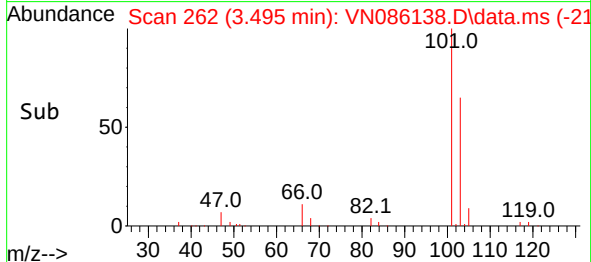
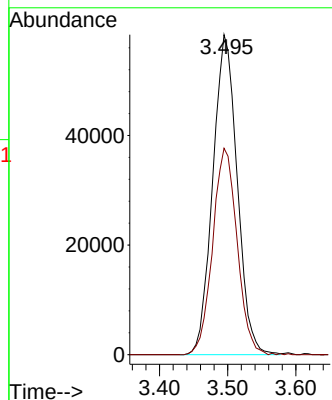
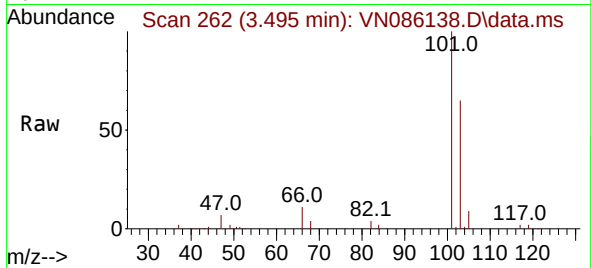
#7
Trichlorofluoromethane
Concen: 40.191 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 145534
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

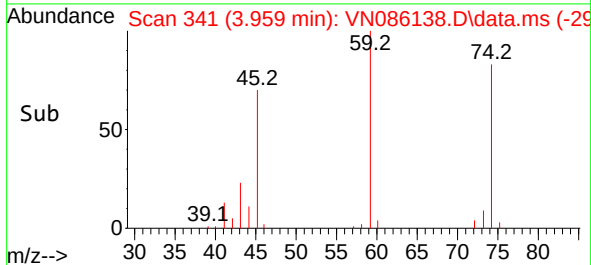
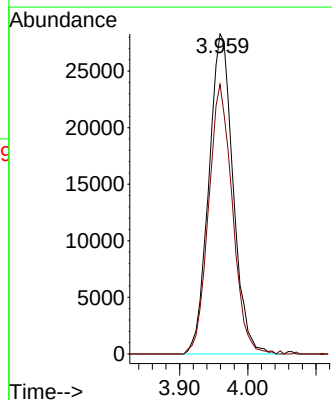
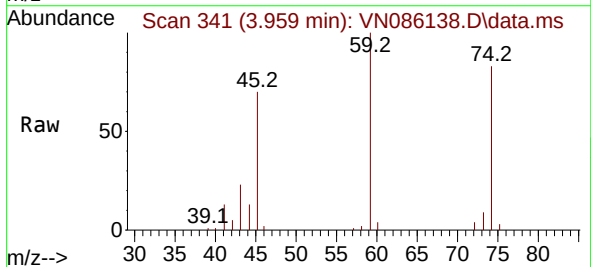
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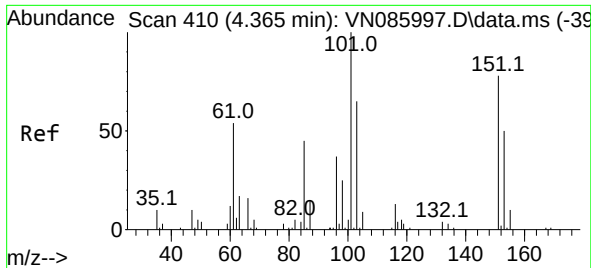
Reviewed By :John Carlone 03/28/2025
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#8
Diethyl Ether
Concen: 63.285 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Tgt Ion: 74 Resp: 70153
Ion Ratio Lower Upper
74 100
45 82.6 38.0 113.9





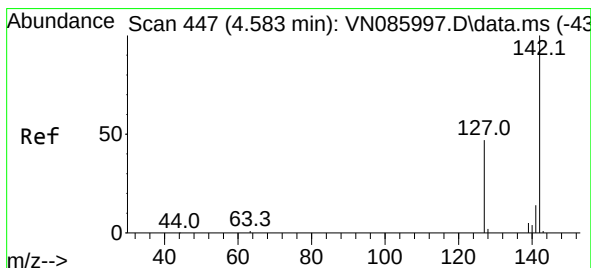
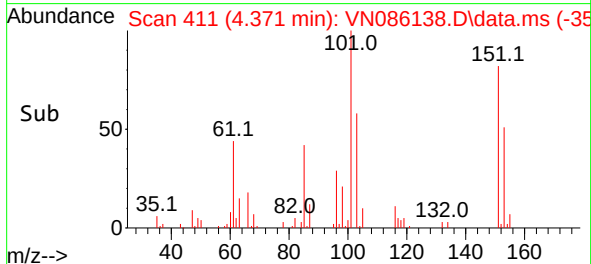
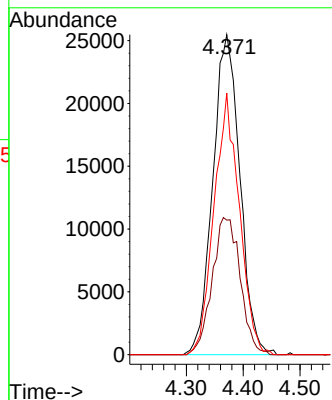
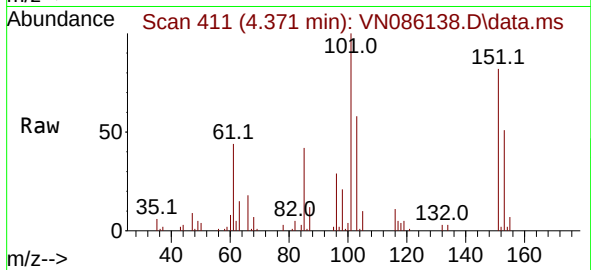
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.790 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 84274
Ion Ratio Lower Upper
101 100
85 44.4 36.5 54.7
151 76.6 63.4 95.0

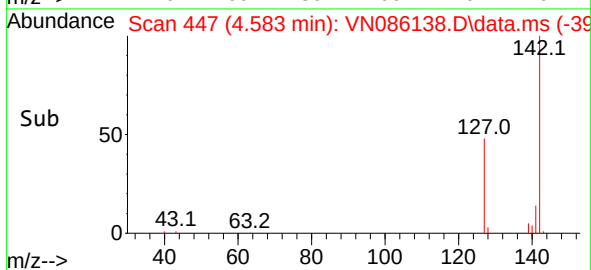
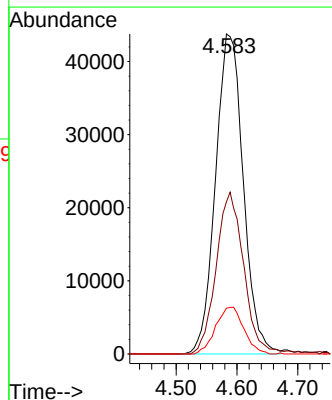
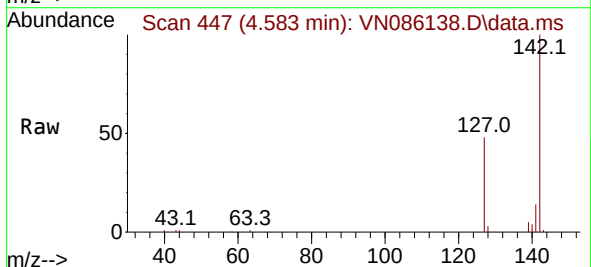
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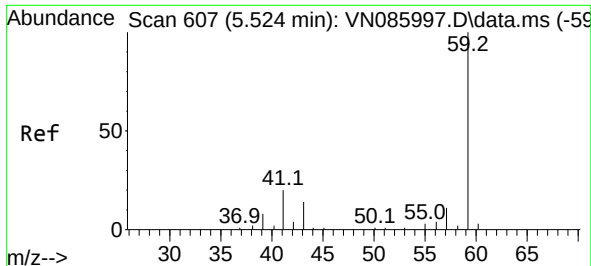
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 55.279 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

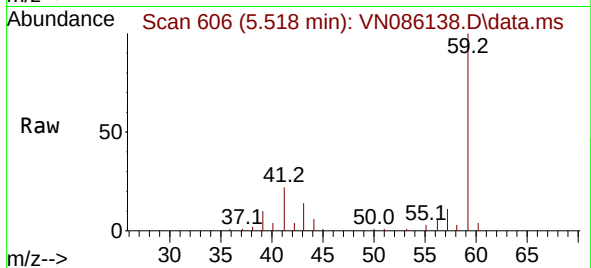
Tgt Ion:142 Resp: 138620
Ion Ratio Lower Upper
142 100
127 47.6 37.5 56.3
141 14.3 11.0 16.6





#11
Tert butyl alcohol
Concen: 288.650 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

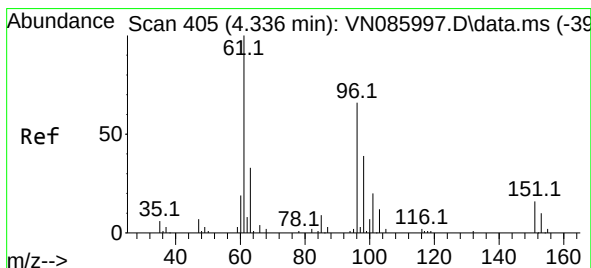
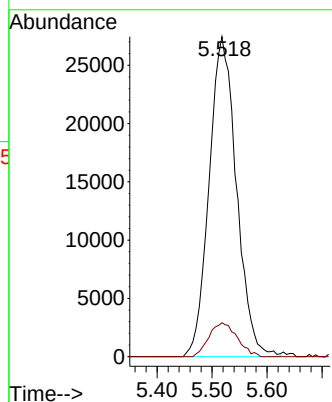
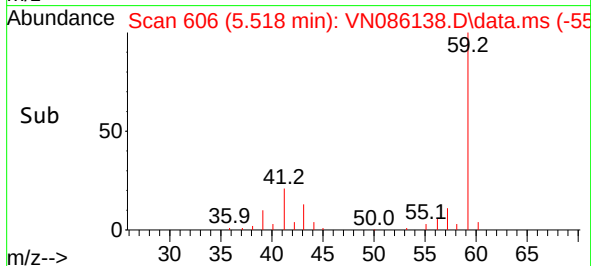
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



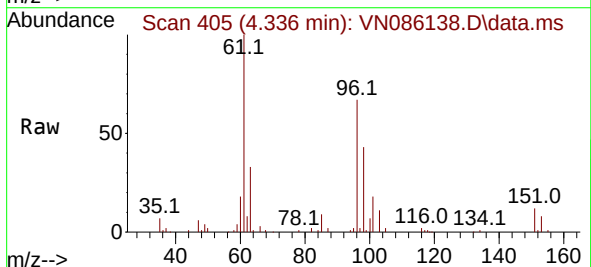
Tgt Ion: 59 Resp: 94924
Ion Ratio Lower Upper
59 100
57 11.0 7.9 11.9

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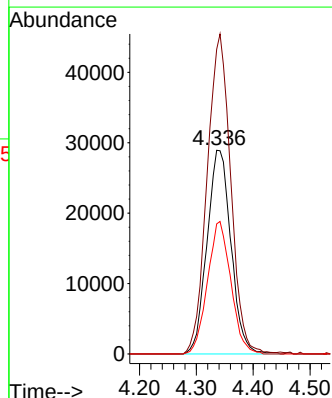
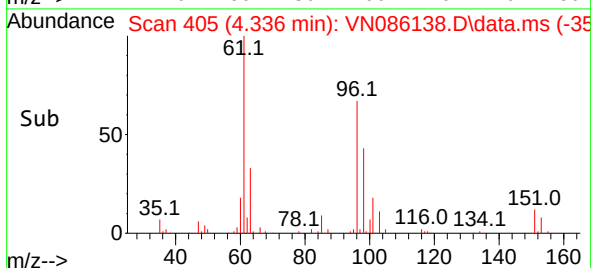
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

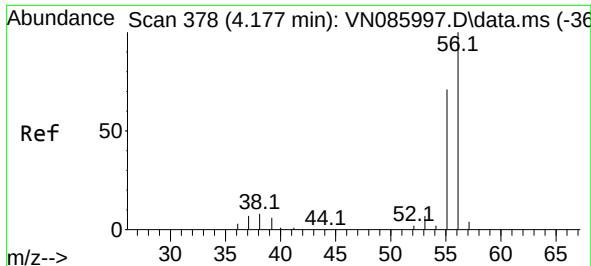


#12
1,1-Dichloroethene
Concen: 48.801 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



Tgt Ion: 96 Resp: 84805
Ion Ratio Lower Upper
96 100
61 149.5 120.5 180.7
98 63.8 47.4 71.0





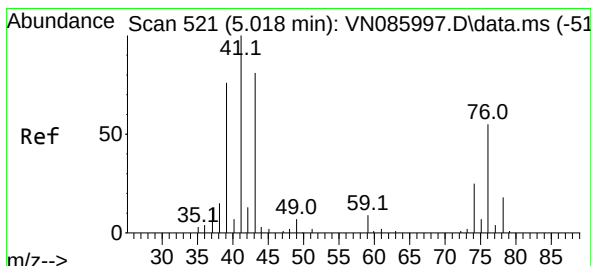
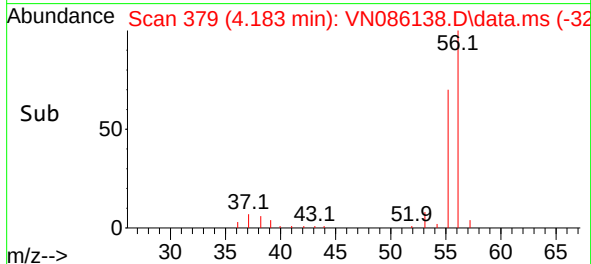
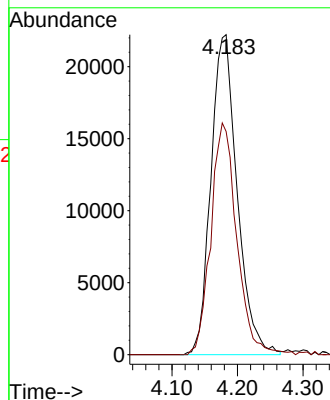
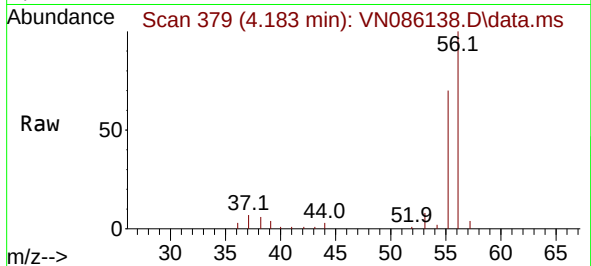
#13
Acrolein
Concen: 176.122 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 61775
Ion Ratio Lower Upper
56 100
55 71.5 55.1 82.7

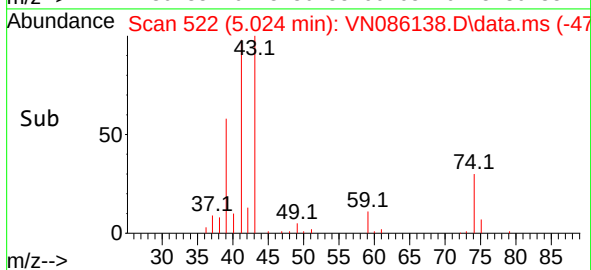
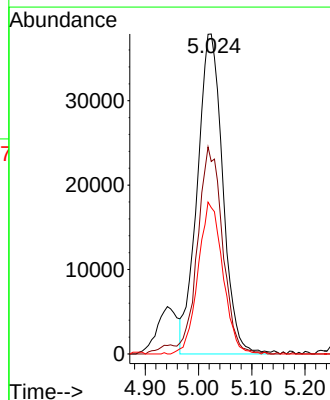
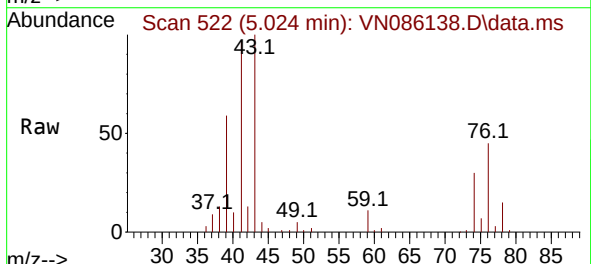
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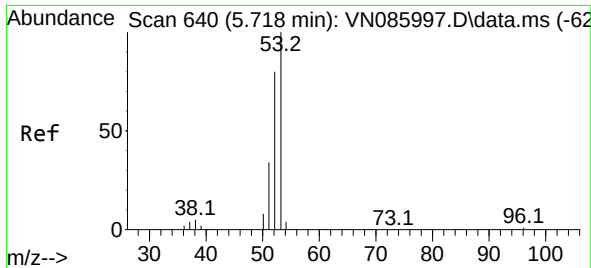
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#14
Allyl chloride
Concen: 58.193 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

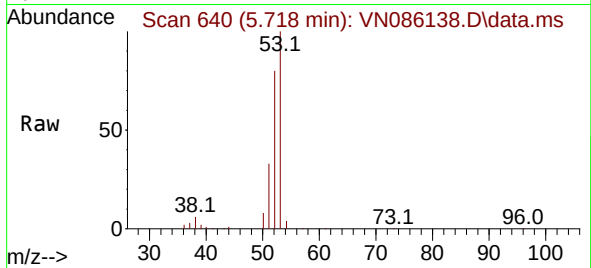
Tgt Ion: 41 Resp: 126162
Ion Ratio Lower Upper
41 100
39 63.3 55.5 83.3
76 46.0 39.1 58.7





#15
Acrylonitrile
Concen: 338.606 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

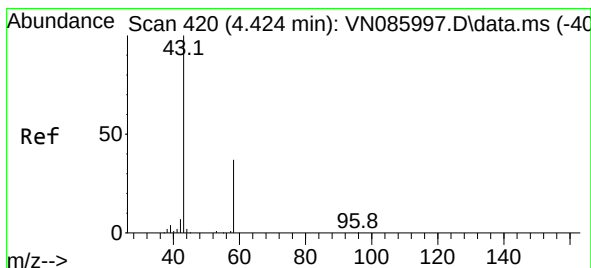
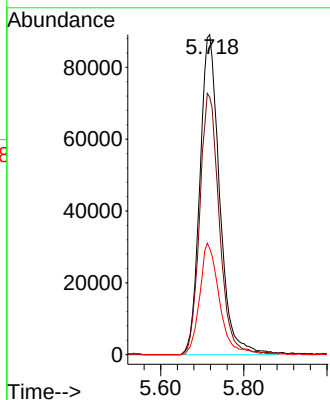
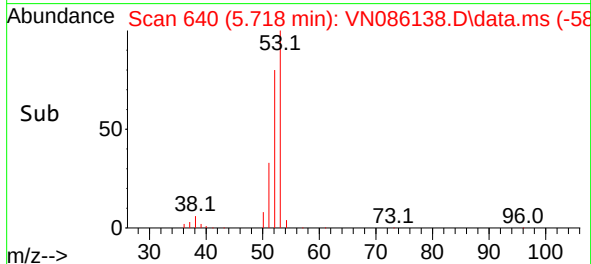
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 29408
Ion Ratio Lower Upper
53 100
52 81.2 63.9 95.9
51 34.9 27.1 40.7

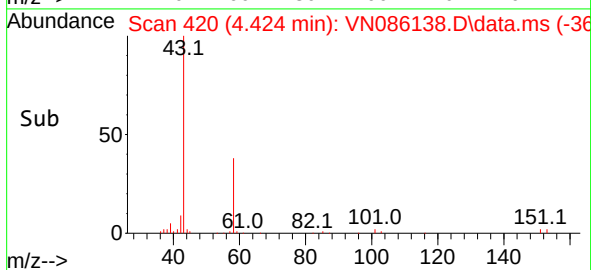
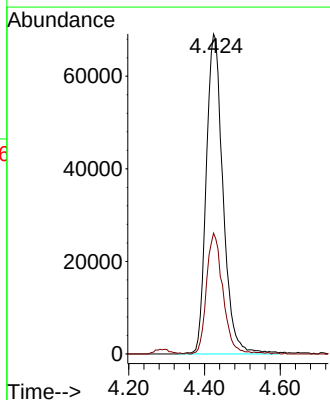
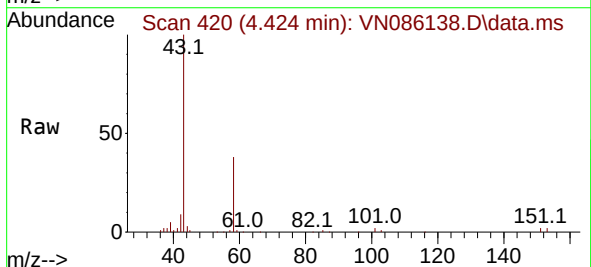
Manual Integrations
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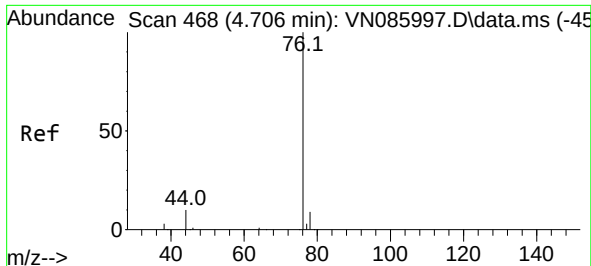
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 298.421 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

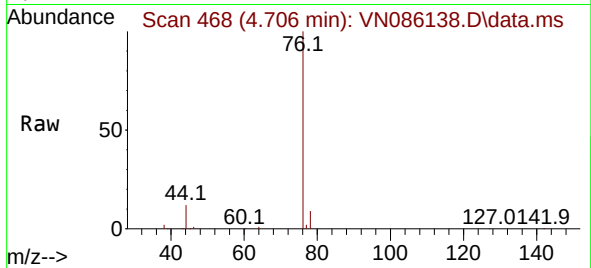
Tgt Ion: 43 Resp: 211763
Ion Ratio Lower Upper
43 100
58 37.5 29.4 44.2





#17
Carbon Disulfide
Concen: 41.712 ug/l
RT: 4.706 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

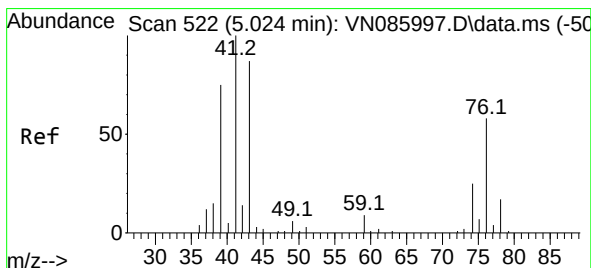
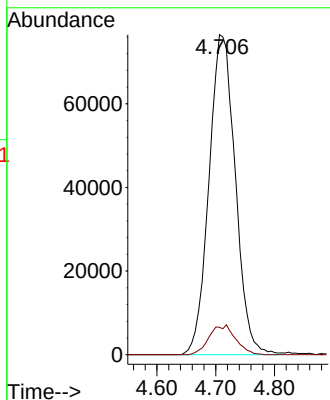
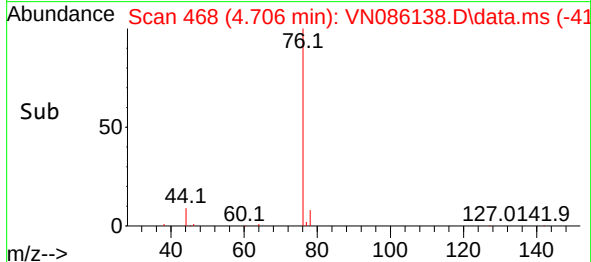
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 238384
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

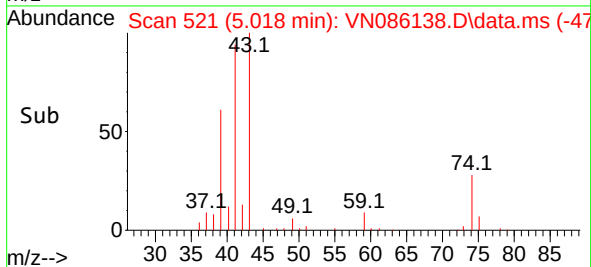
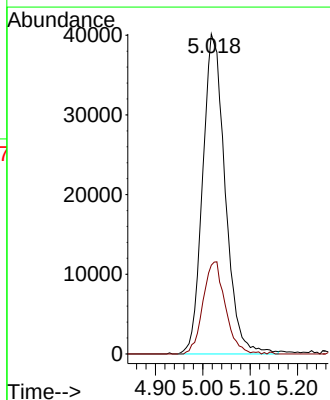
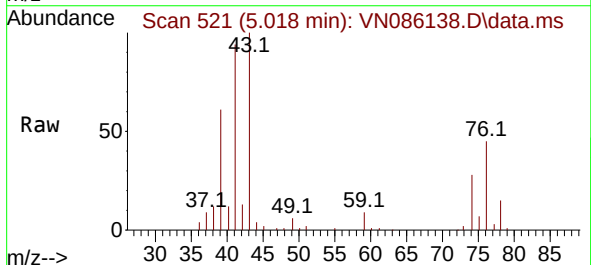
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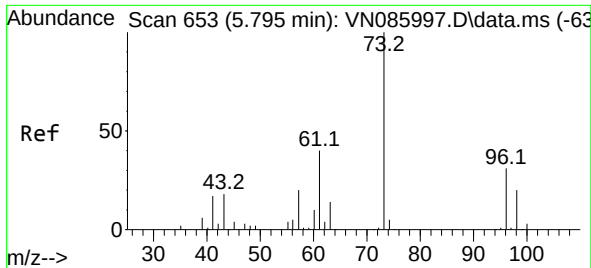
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 75.502 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

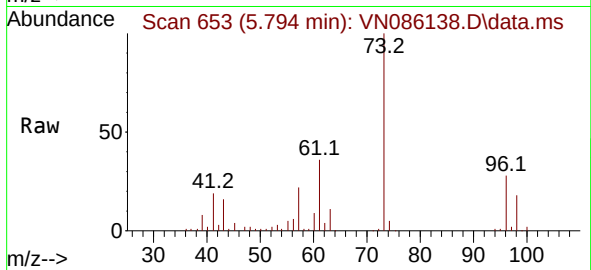
Tgt Ion: 43 Resp: 132558
Ion Ratio Lower Upper
43 100
74 28.6 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 64.881 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

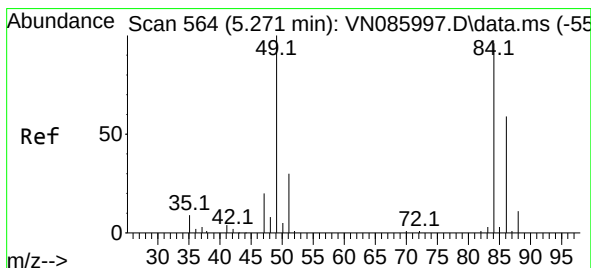
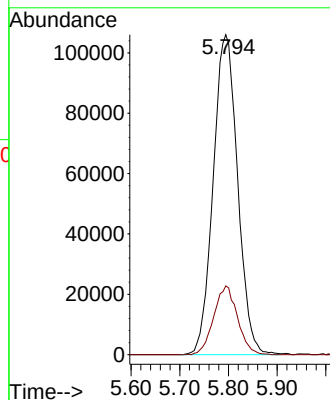
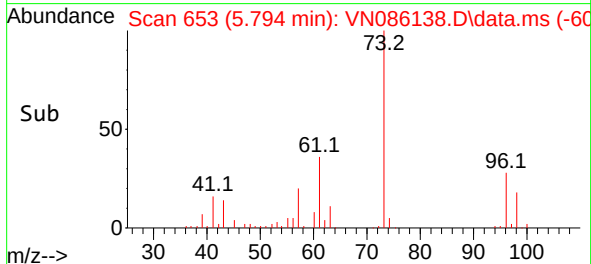
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 36946
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1

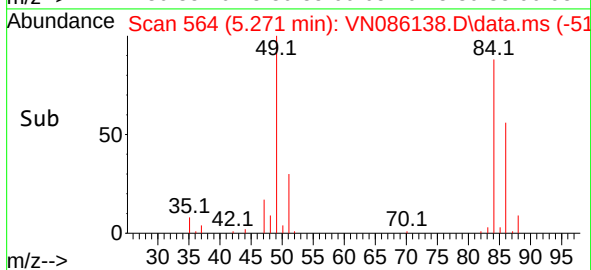
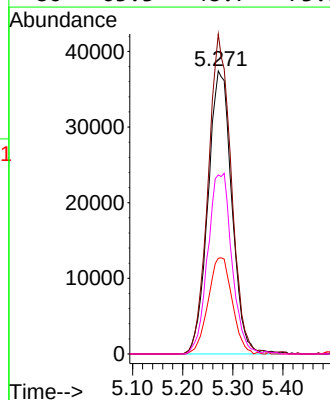
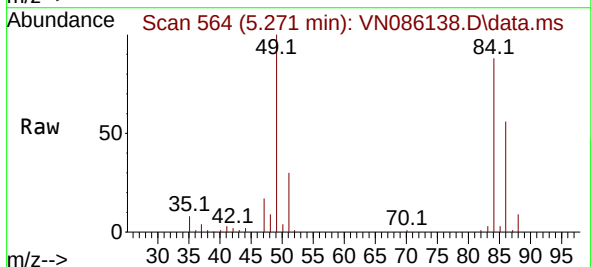
Manual Integrations
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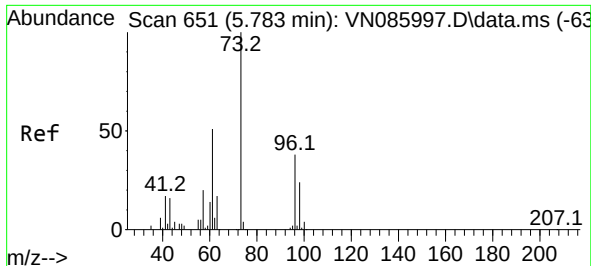
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 59.651 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

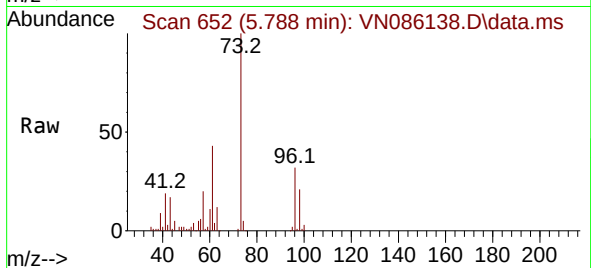
Tgt Ion: 84 Resp: 123830
Ion Ratio Lower Upper
84 100
49 113.1 83.3 124.9
51 33.8 24.8 37.2
86 63.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 53.571 ug/l
RT: 5.788 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

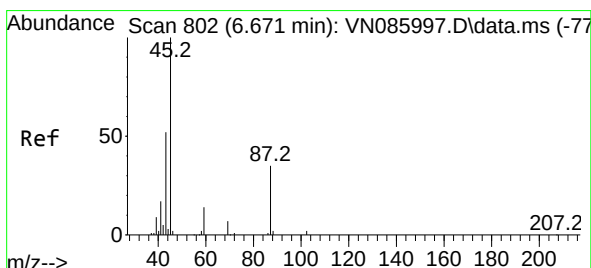
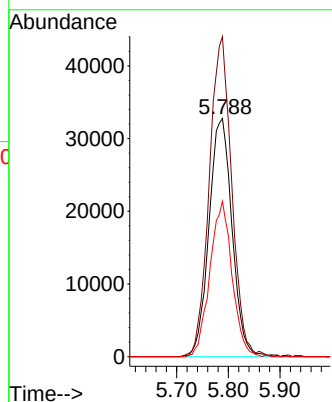
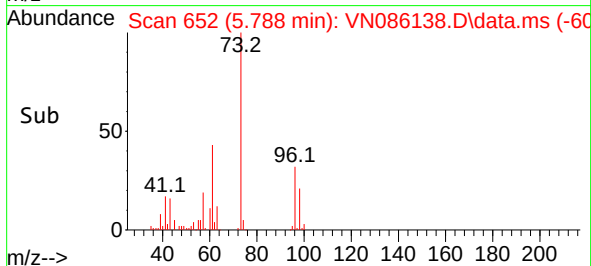
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 101739
Ion Ratio Lower Upper
96 100
61 134.4 106.6 160.0
98 65.2 50.0 75.0

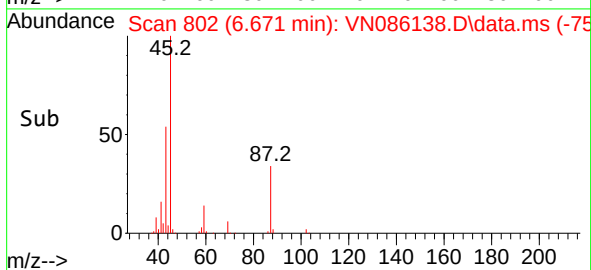
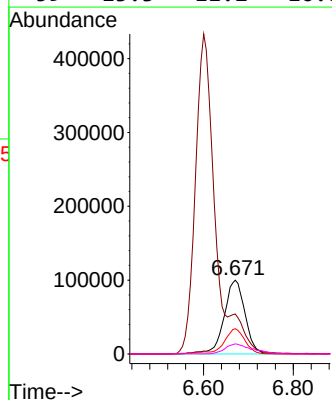
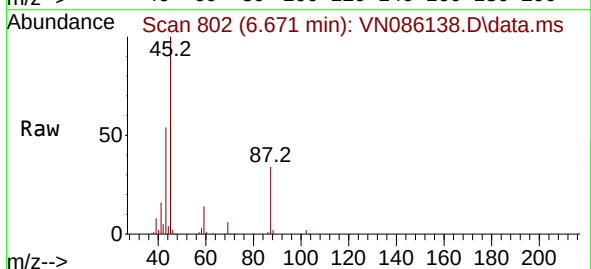
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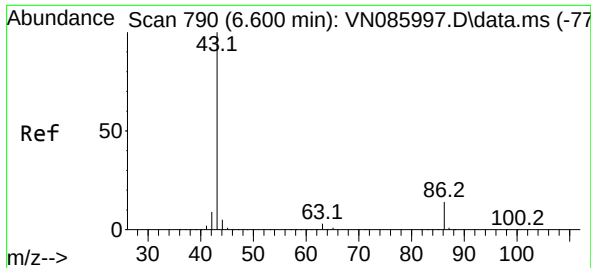
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 69.820 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Tgt Ion: 45 Resp: 322564
Ion Ratio Lower Upper
45 100
43 52.9 41.2 61.8
87 34.1 28.5 42.7
59 13.3 11.2 16.8





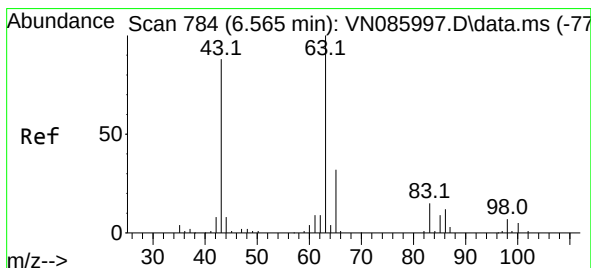
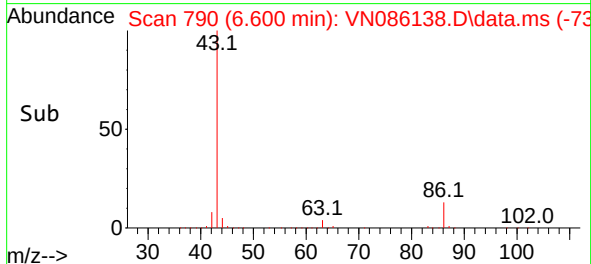
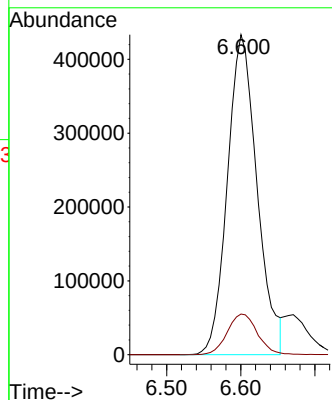
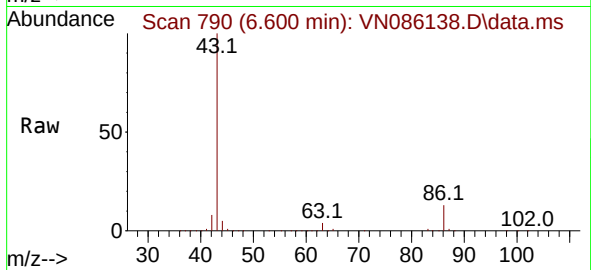
#23
 Vinyl Acetate
 Concen: 344.201 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 120546
 Ion Ratio Lower Upper
 43 100
 86 12.7 11.2 16.8

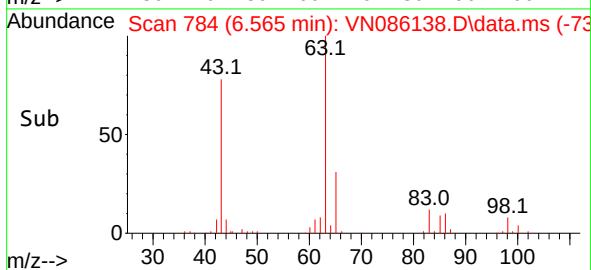
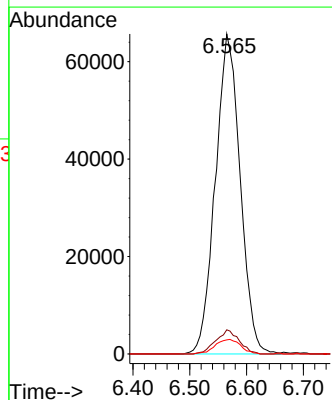
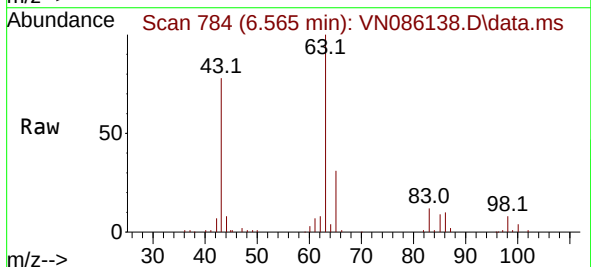
Manual Integrations
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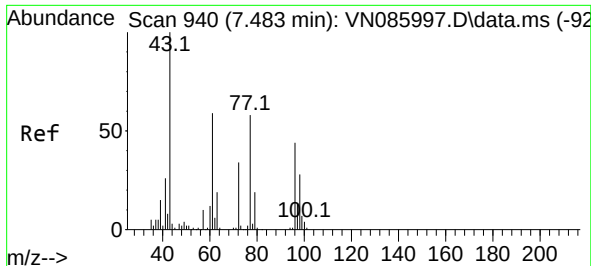
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#24
 1,1-Dichloroethane
 Concen: 58.696 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00

Tgt Ion: 63 Resp: 199407
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 330.785 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 338700

Ion Ratio Lower Upper

43 100

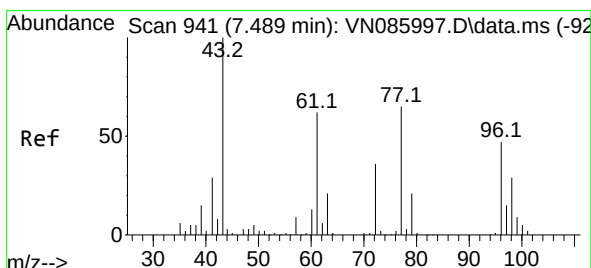
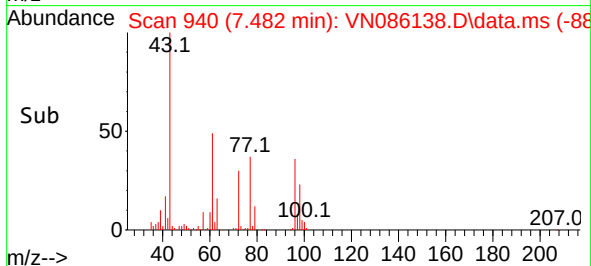
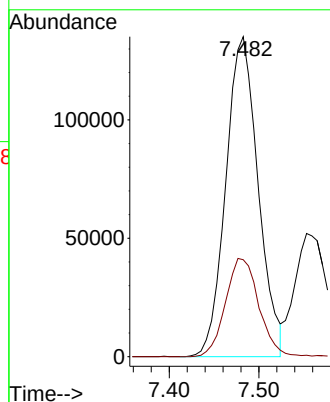
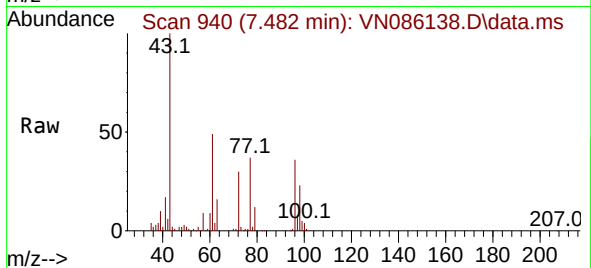
72 30.3 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#26

2,2-Dichloropropane

Concen: 44.305 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN086138.D

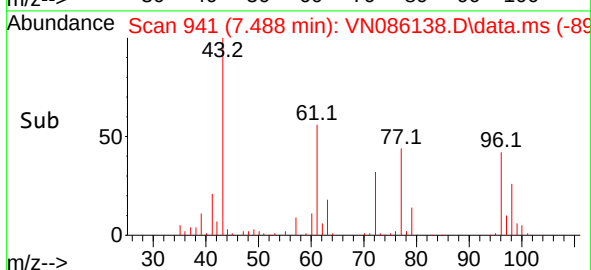
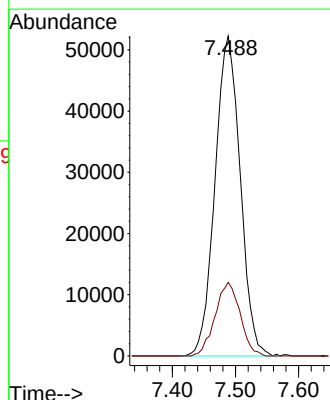
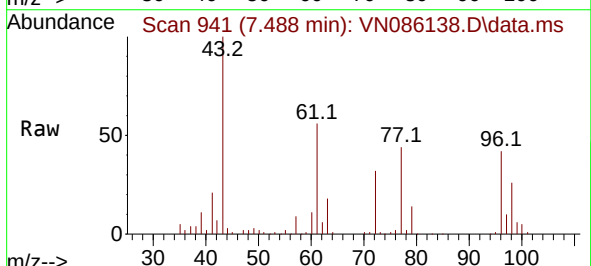
Acq: 26 Mar 2025 20:00

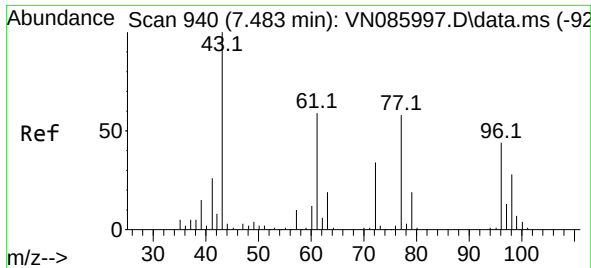
Tgt Ion: 77 Resp: 144911

Ion Ratio Lower Upper

77 100

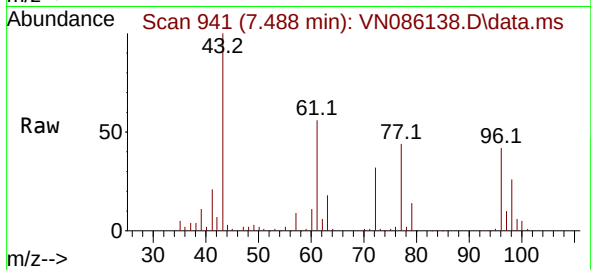
97 22.8 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 59.696 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00

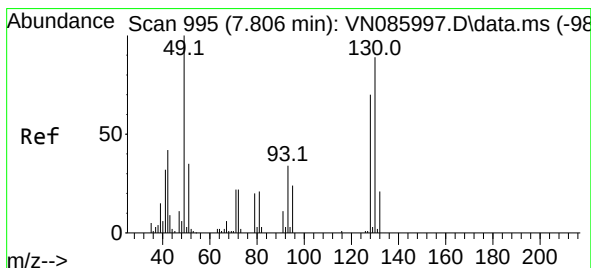
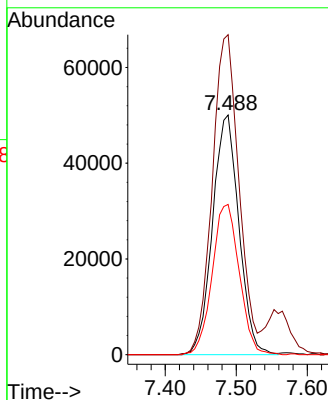
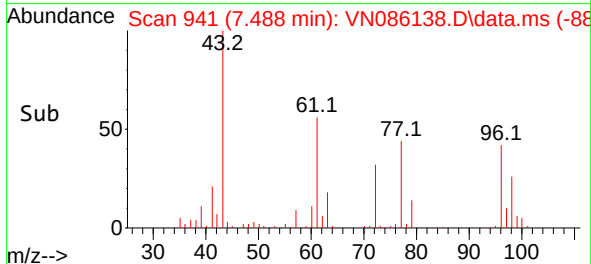
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 128830
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 272.8
 98 64.5 0.0 124.8

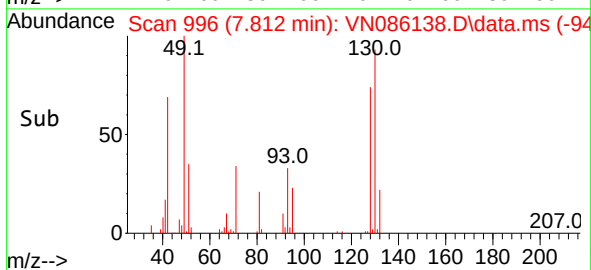
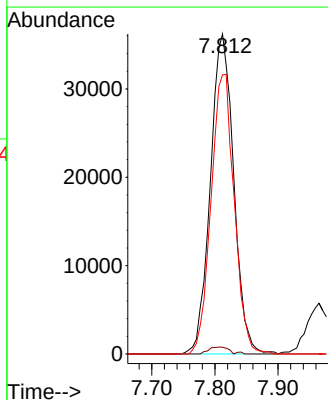
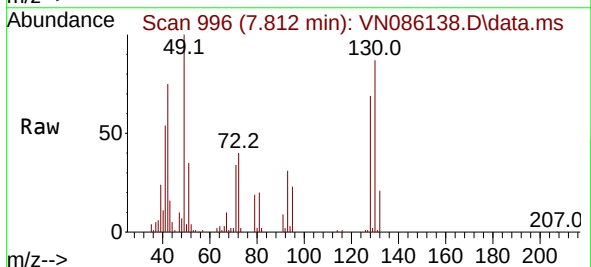
Manual Integrations
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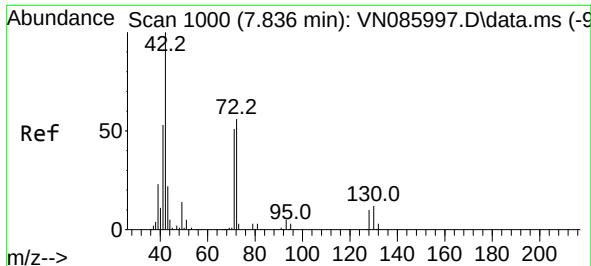
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#28
 Bromochloromethane
 Concen: 64.633 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00

Tgt Ion: 49 Resp: 93030
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 86.8 74.2 111.4





#29

Tetrahydrofuran

Concen: 365.956 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 231334

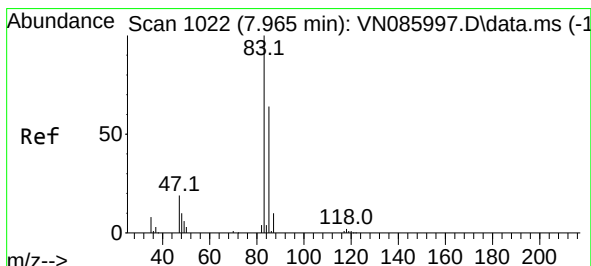
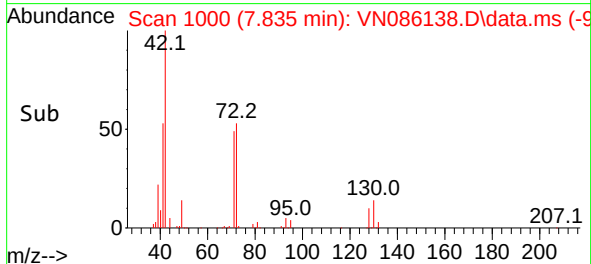
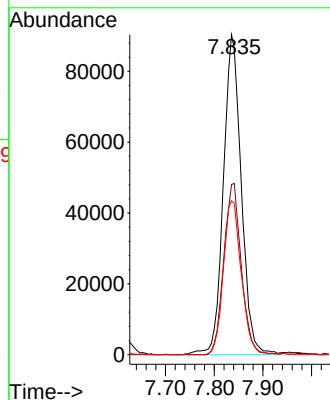
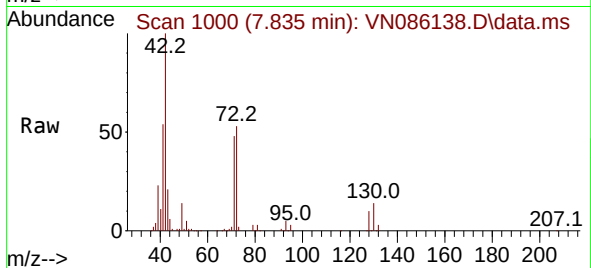
Ion	Ratio	Lower	Upper
42	100		
72	52.3	45.0	67.4
71	48.3	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 56.988 ug/l

RT: 7.965 min Scan# 1022

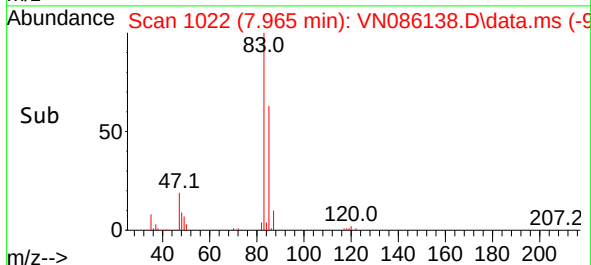
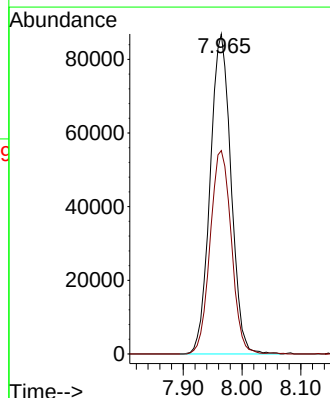
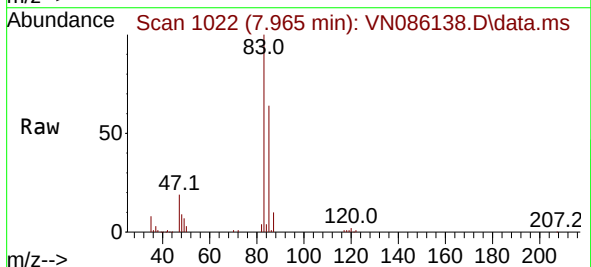
Delta R.T. -0.000 min

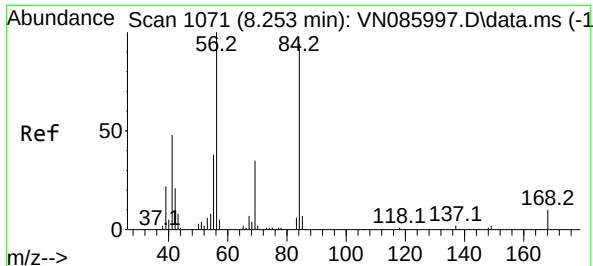
Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Tgt Ion: 83 Resp: 213996

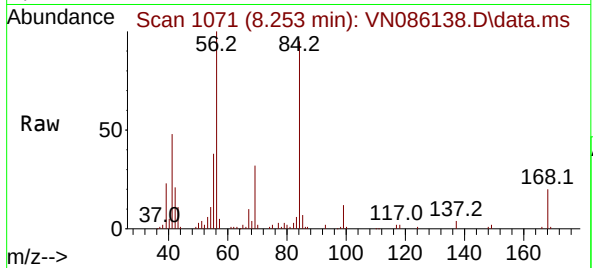
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





#31
Cyclohexane
Concen: 42.534 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

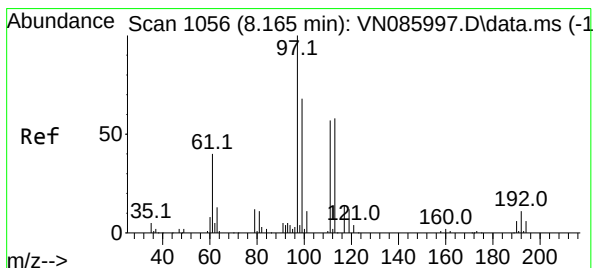
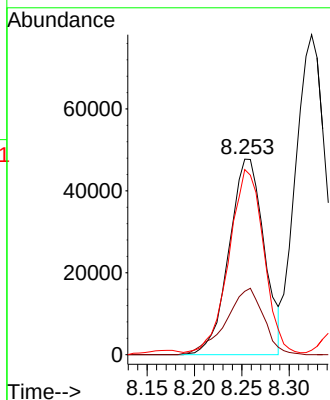
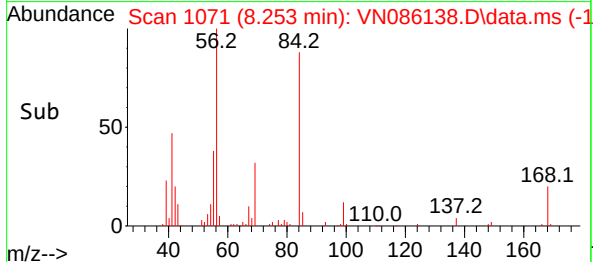
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



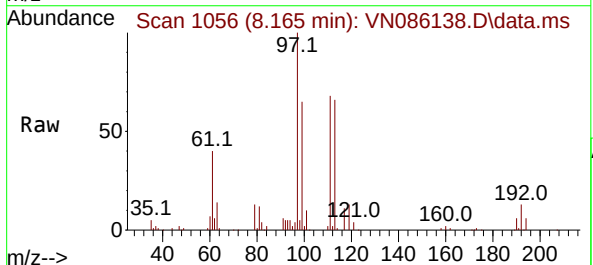
Tgt Ion: 56 Resp: 123098
Ion Ratio Lower Upper
56 100
69 32.4 28.0 42.0
84 93.1 75.0 112.6

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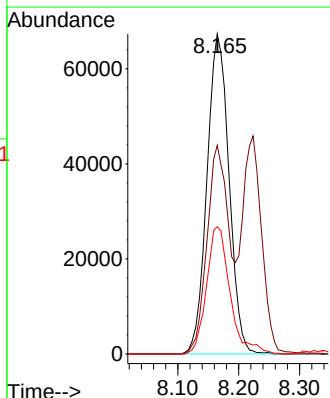
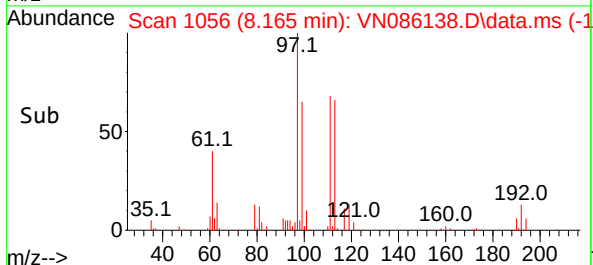
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

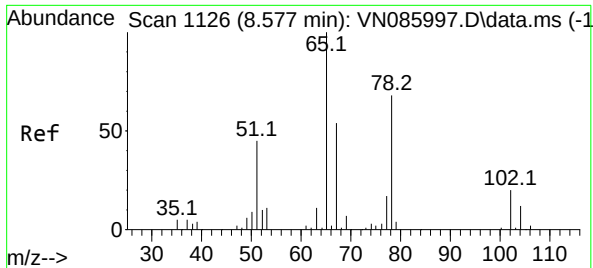


#32
1,1,1-Trichloroethane
Concen: 47.619 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



Tgt Ion: 97 Resp: 169265
Ion Ratio Lower Upper
97 100
99 65.1 52.8 79.2
61 42.4 33.6 50.4





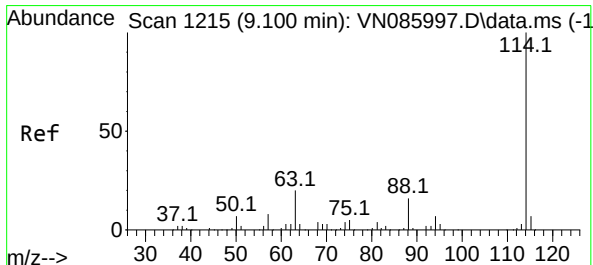
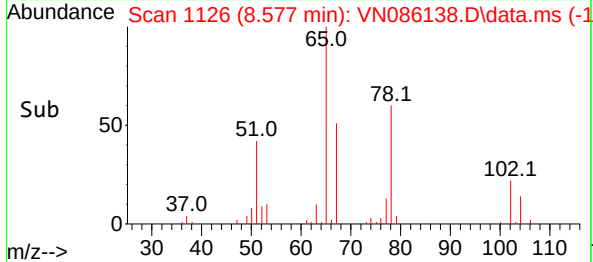
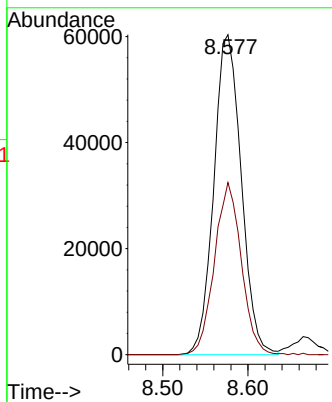
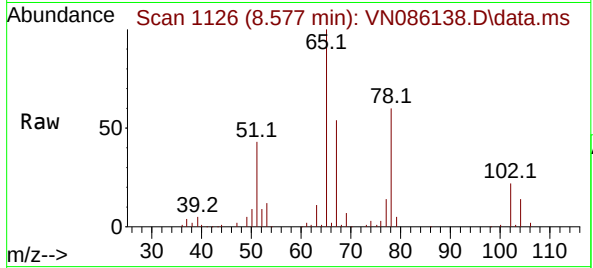
#33
 1,2-Dichloroethane-d4
 Concen: 58.226 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 65 Resp: 13524
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.2

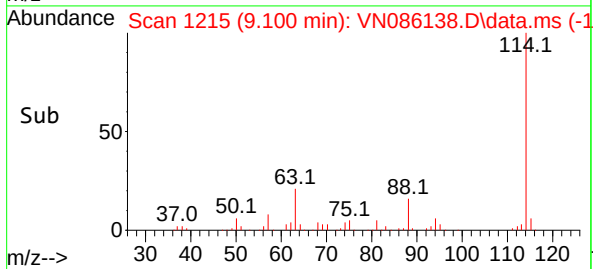
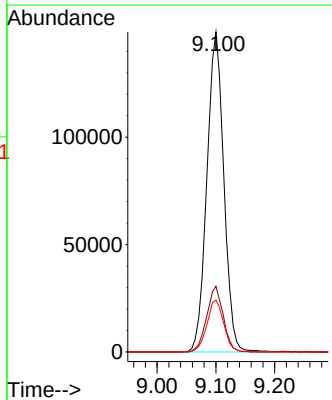
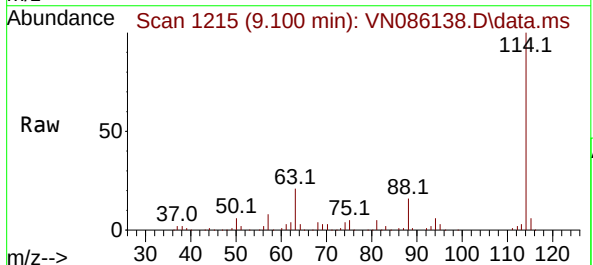
Manual Integrations
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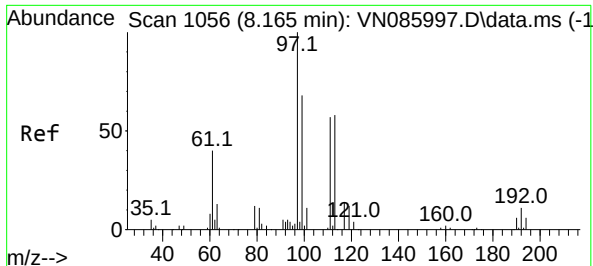
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00

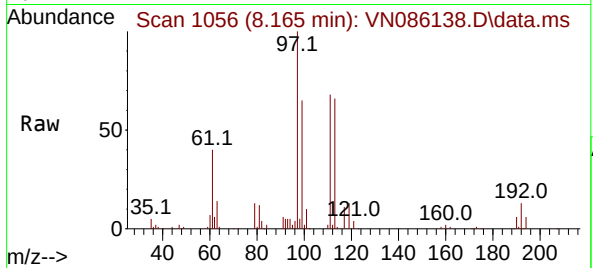
Tgt Ion:114 Resp: 298261
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.125 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

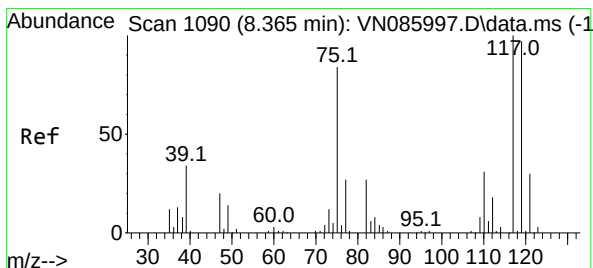
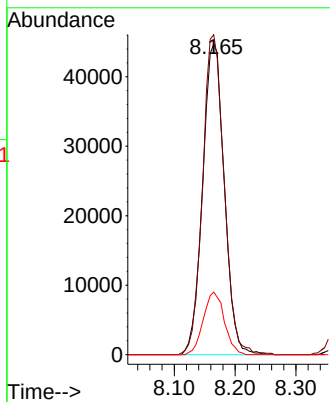
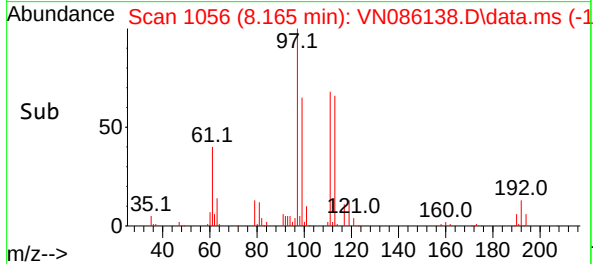
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 110590
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 19.6 15.9 23.9

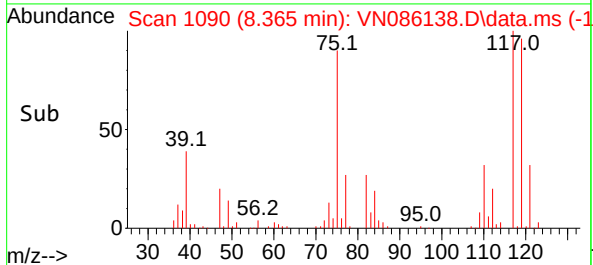
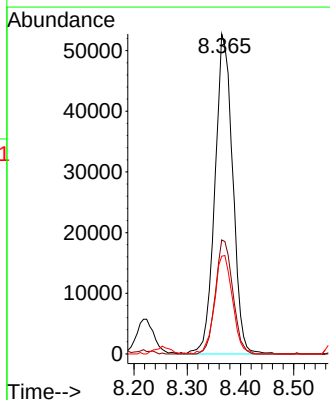
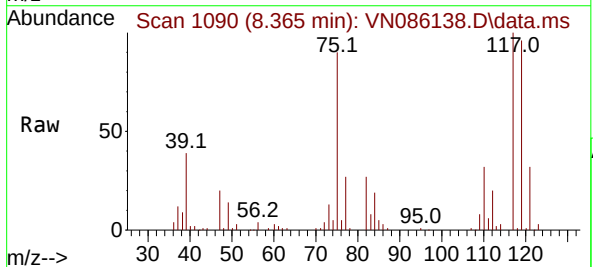
Manual Integrations
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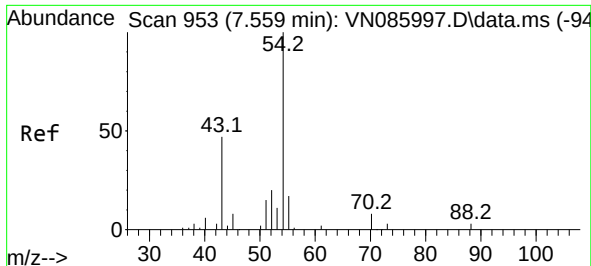
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#36
1,1-Dichloropropene
Concen: 44.626 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Tgt Ion: 75 Resp: 122330
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.3
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 58.781 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 135938

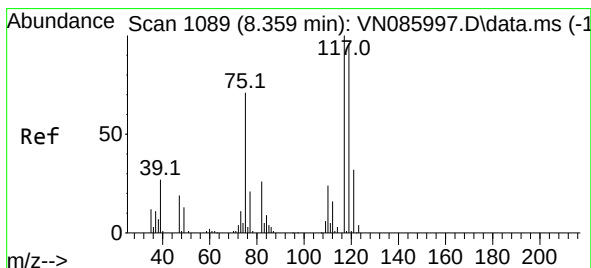
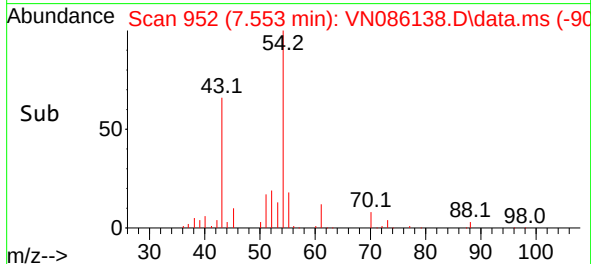
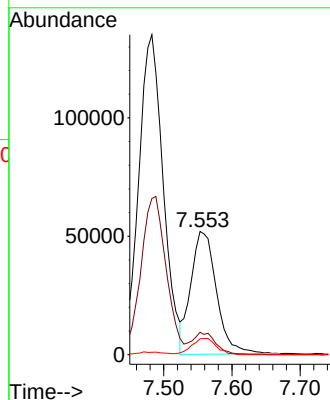
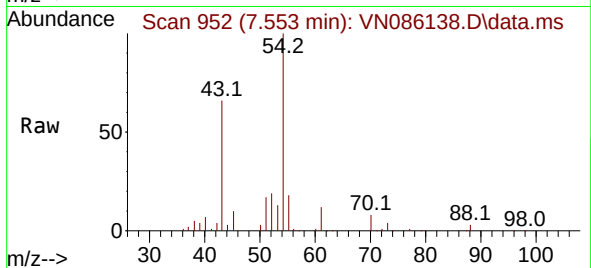
Ion	Ratio	Lower	Upper
43	100		
61	15.9	13.0	19.4
70	12.8	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 41.385 ug/l

RT: 8.359 min Scan# 1089

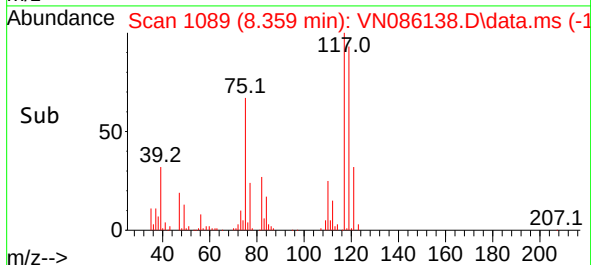
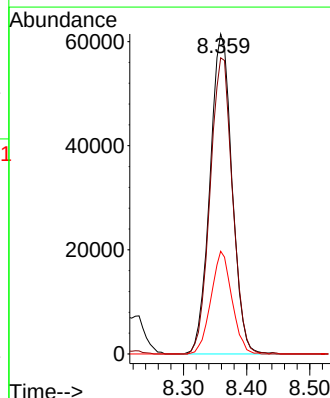
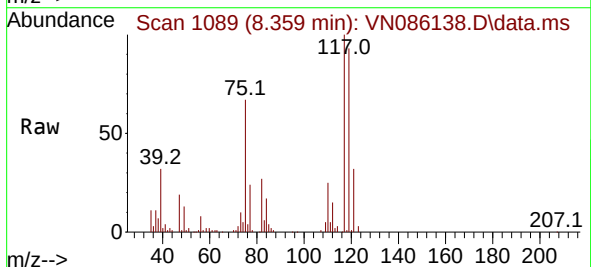
Delta R.T. -0.000 min

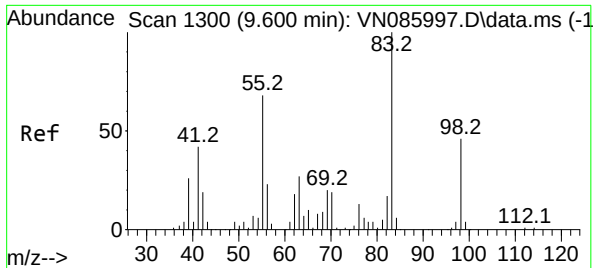
Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Tgt Ion:117 Resp: 149162

Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.0	115.4
121	32.1	25.6	38.4





#39

Methylcyclohexane

Concen: 39.915 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 10855

Ion Ratio Lower Upper

83 100

55 76.3 54.2 81.2

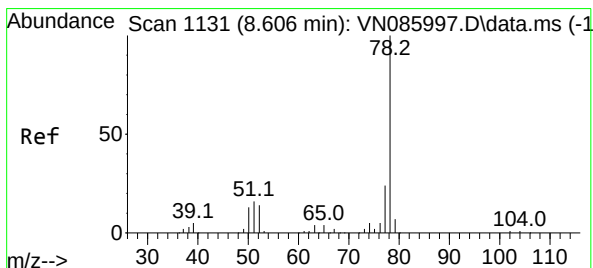
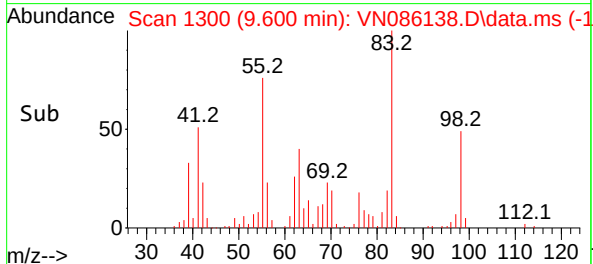
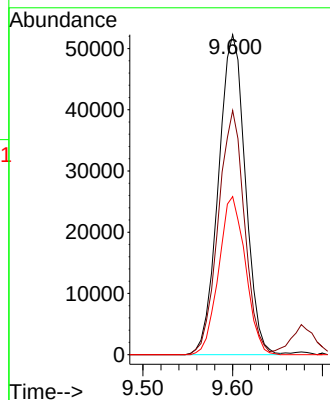
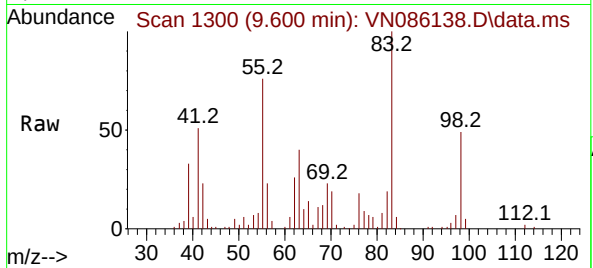
98 49.4 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 52.478 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086138.D

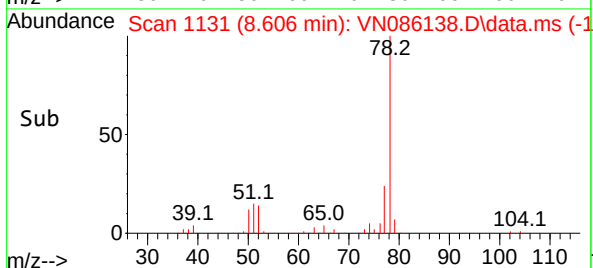
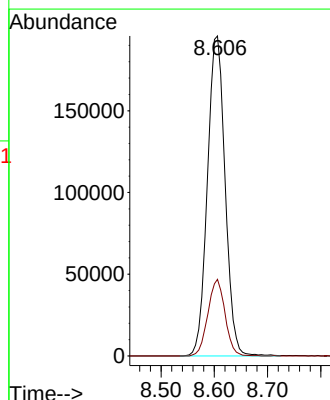
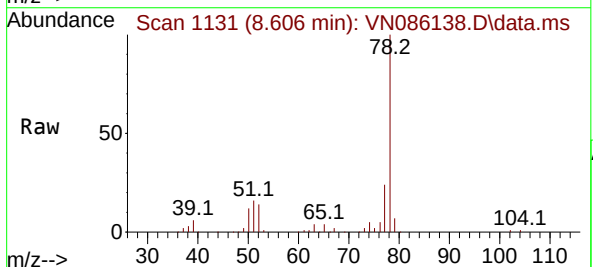
Acq: 26 Mar 2025 20:00

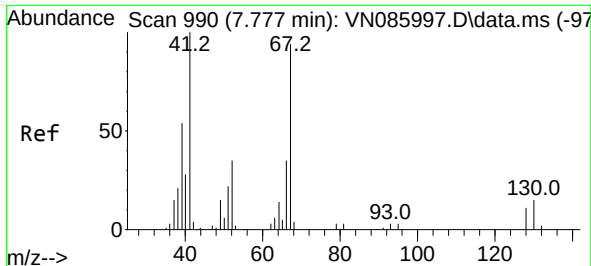
Tgt Ion: 78 Resp: 451598

Ion Ratio Lower Upper

78 100

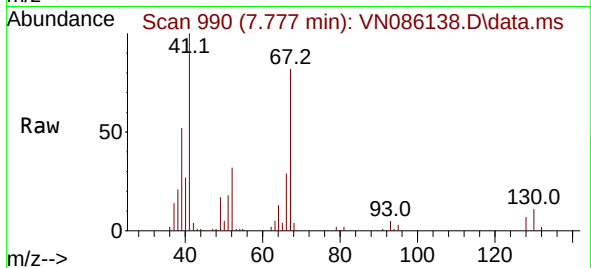
77 23.9 18.9 28.3





#41
Methacrylonitrile
Concen: 66.111 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

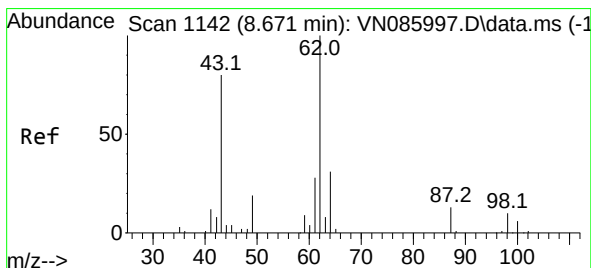
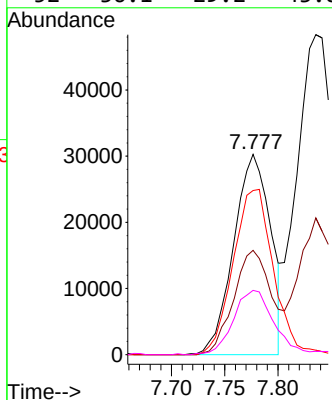
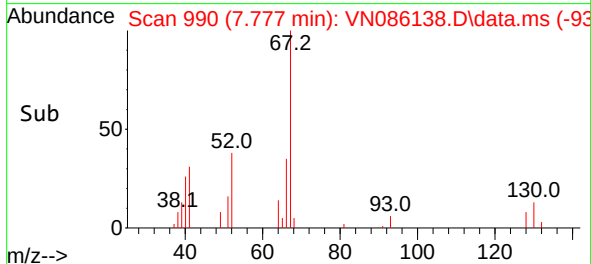
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 73000
Ion Ratio Lower Upper
41 100
39 54.6 46.2 69.2
67 89.8 75.9 113.9
52 36.1 29.2 43.8

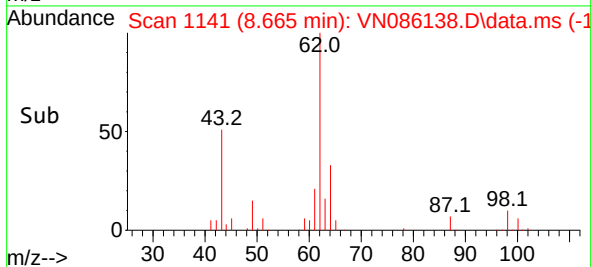
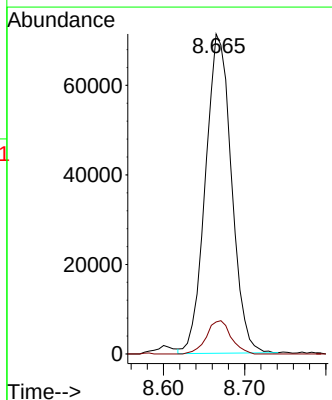
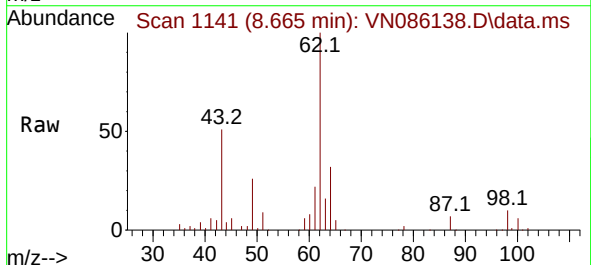
Manual Integrations
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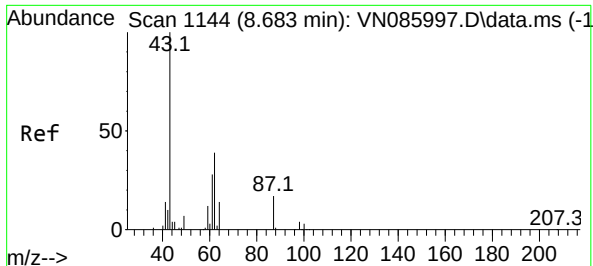
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 53.016 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

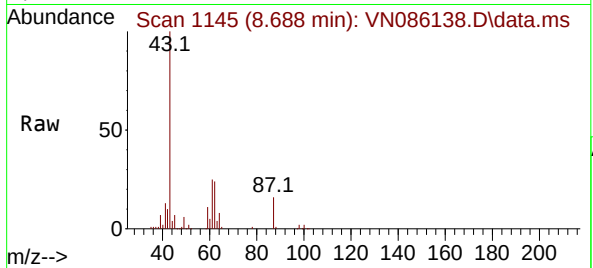
Tgt Ion: 62 Resp: 158969
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.6





#43
Isopropyl Acetate
Concen: 49.660 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

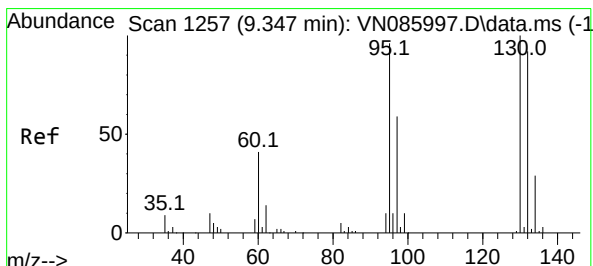
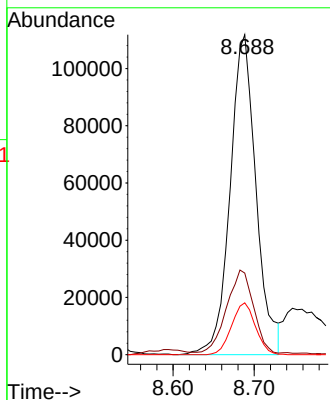
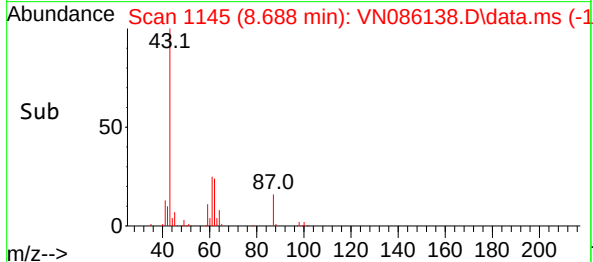
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 248862
Ion Ratio Lower Upper
43 100
61 27.2 25.0 37.6
87 14.9 13.0 19.4

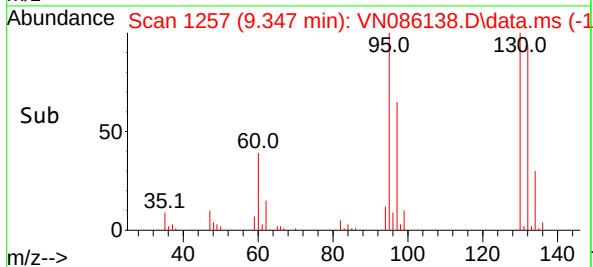
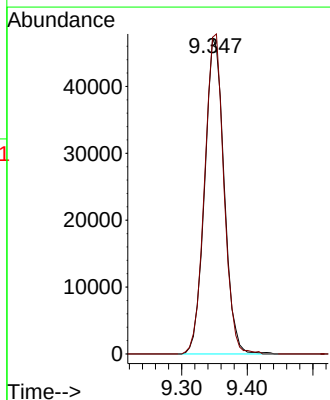
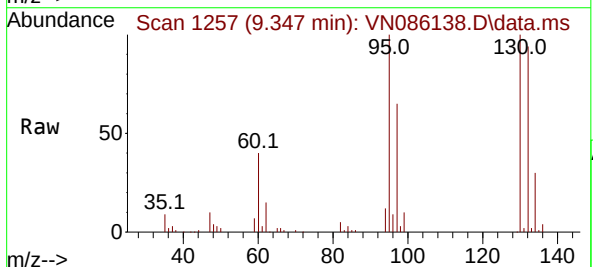
Manual Integrations
APPROVED

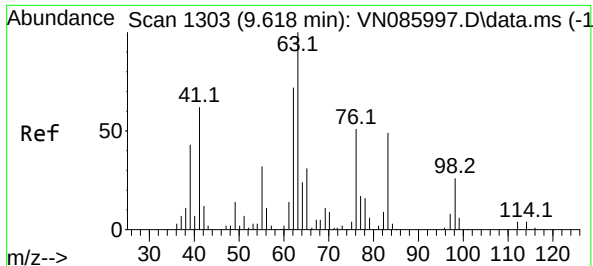
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44
Trichloroethene
Concen: 43.629 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Tgt Ion:130 Resp: 97307
Ion Ratio Lower Upper
130 100
95 100.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 57.488 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 112520

Ion Ratio Lower Upper

63 100

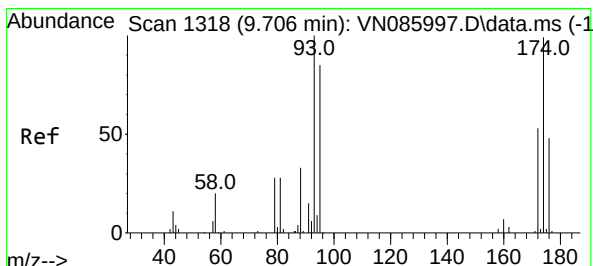
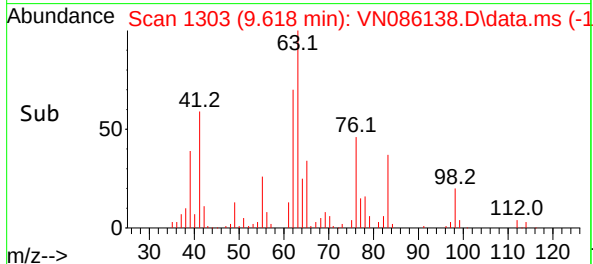
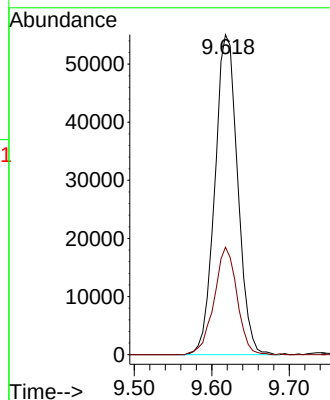
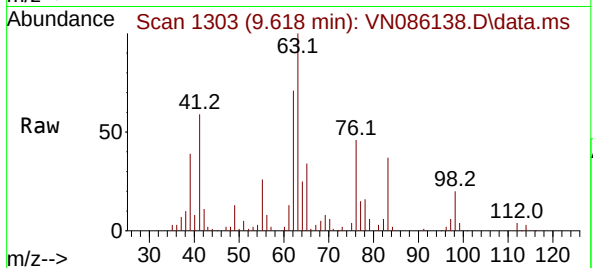
65 33.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 56.335 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

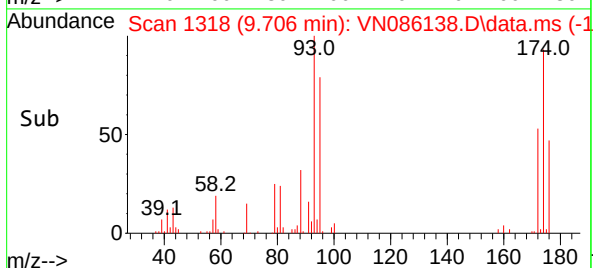
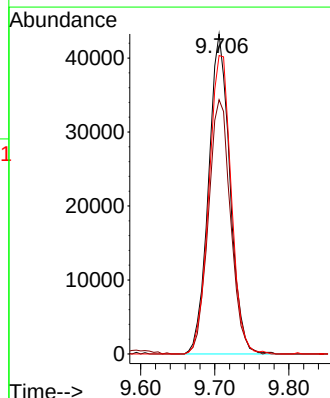
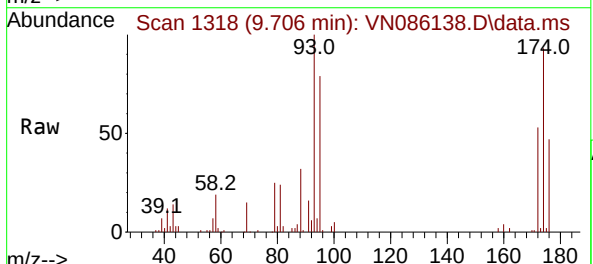
Tgt Ion: 93 Resp: 86713

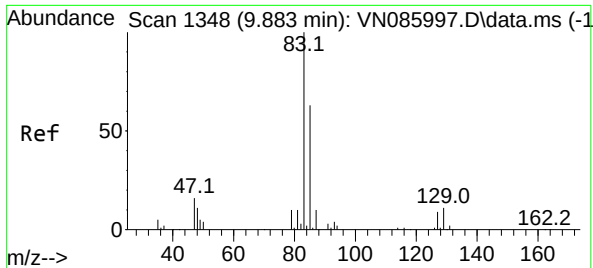
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

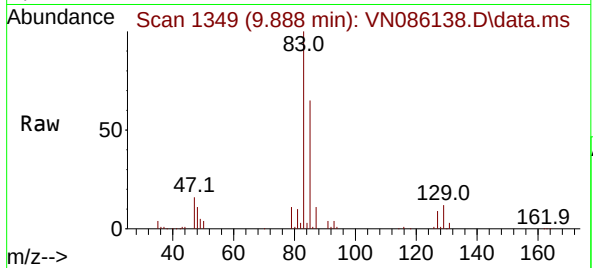
174 97.4 80.1 120.1





#47
Bromodichloromethane
Concen: 54.490 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

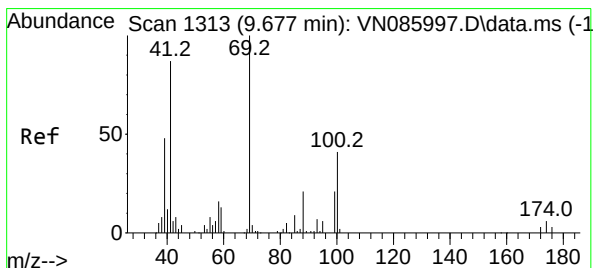
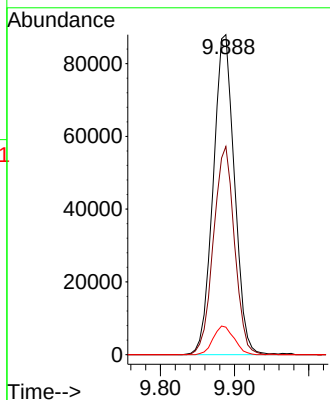
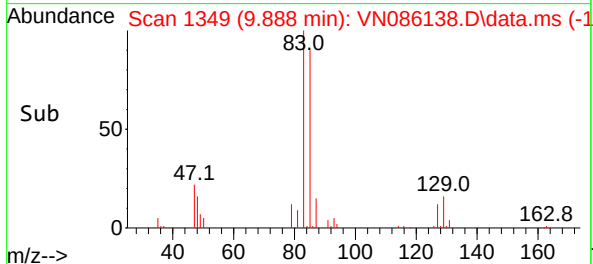
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



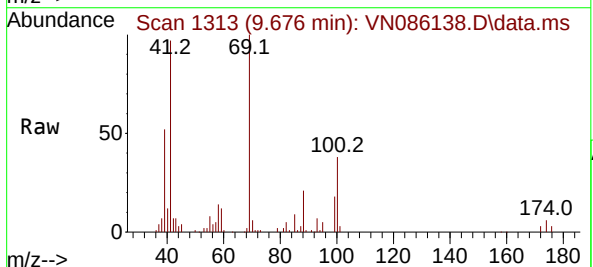
Tgt Ion: 83 Resp: 175292
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.2
127 8.6 7.1 10.7

Manual Integrations
APPROVED

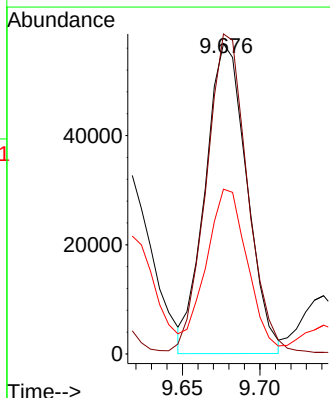
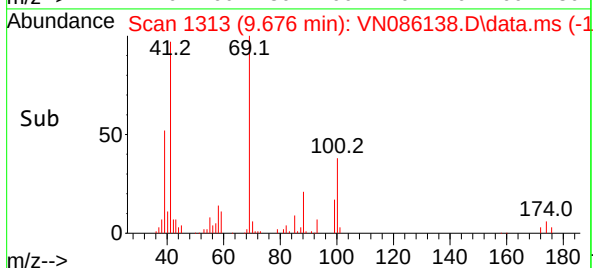
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

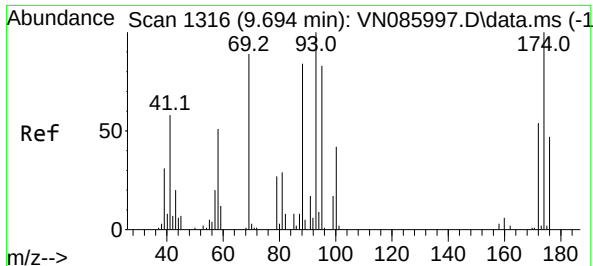


#48
Methyl methacrylate
Concen: 63.964 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



Tgt Ion: 41 Resp: 105777
Ion Ratio Lower Upper
41 100
69 103.3 83.1 124.7
39 53.6 45.6 68.4





#49

1,4-Dioxane

Concen: 1213.018 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 47420

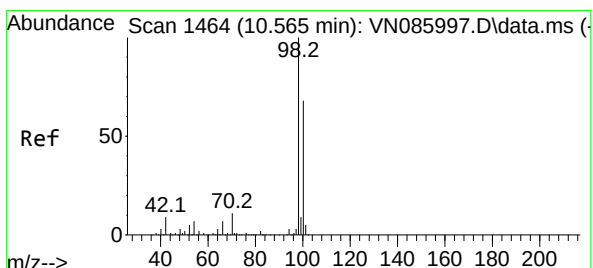
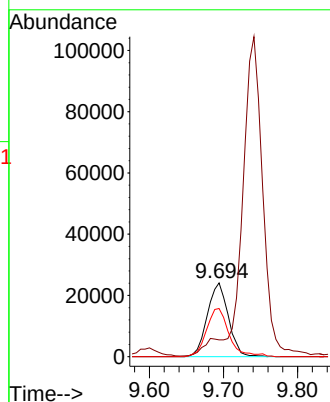
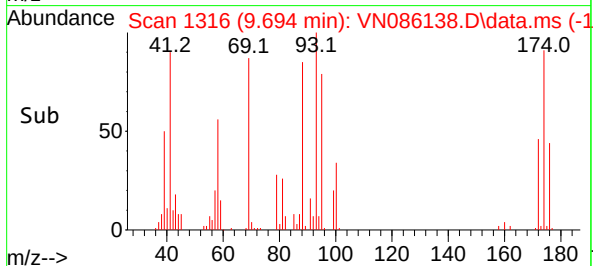
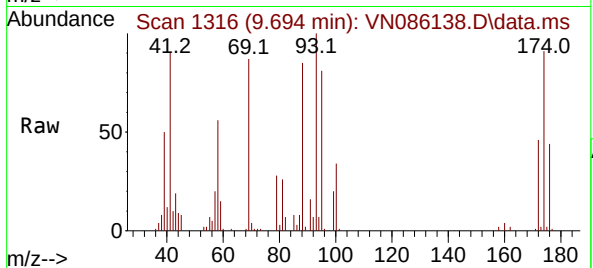
Ion	Ratio	Lower	Upper
88	100		
43	22.5	21.7	32.5
58	70.3	50.4	75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 50.539 ug/l

RT: 10.565 min Scan# 1464

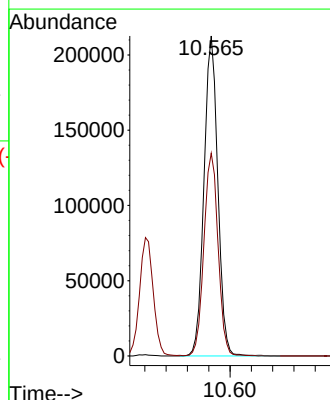
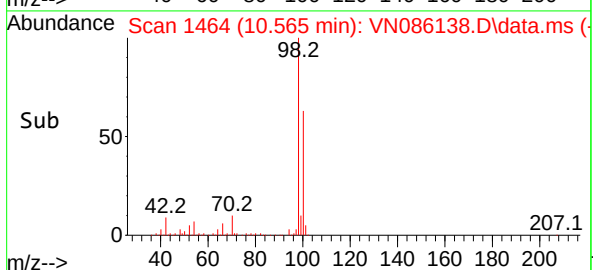
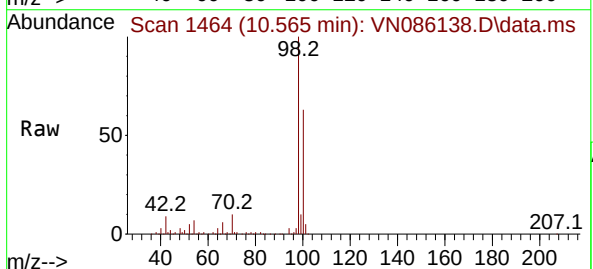
Delta R.T. -0.000 min

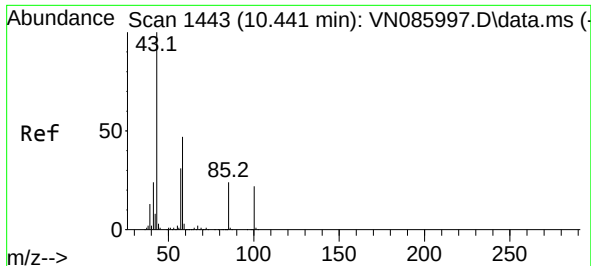
Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Tgt Ion: 98 Resp: 381848

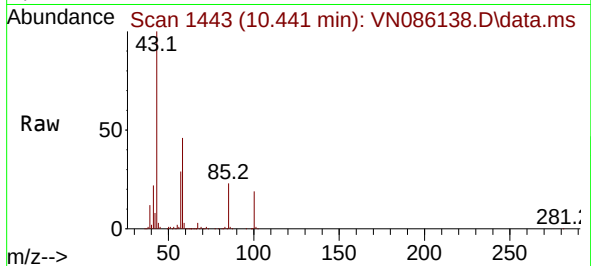
Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 329.927 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

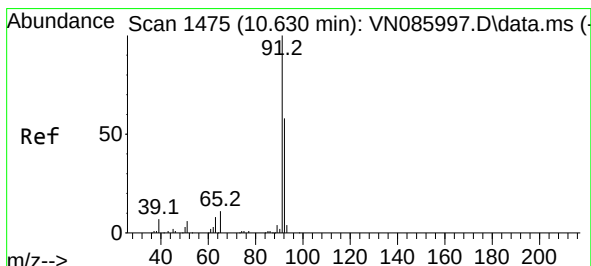
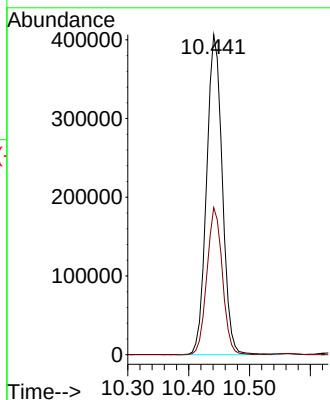
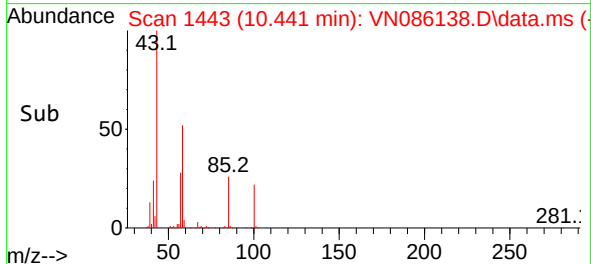
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 729178
Ion Ratio Lower Upper
43 100
58 45.2 37.4 56.0

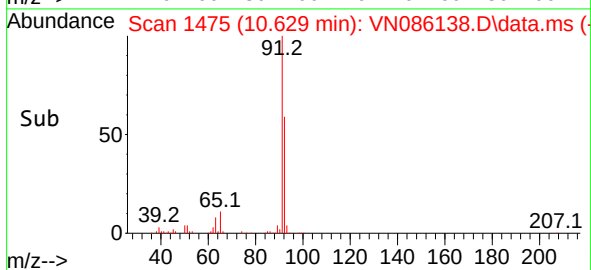
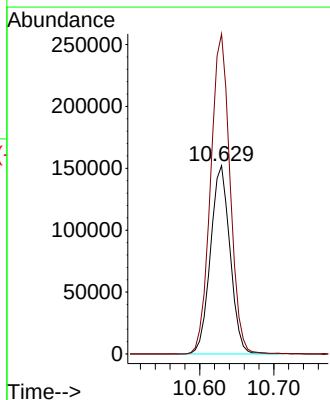
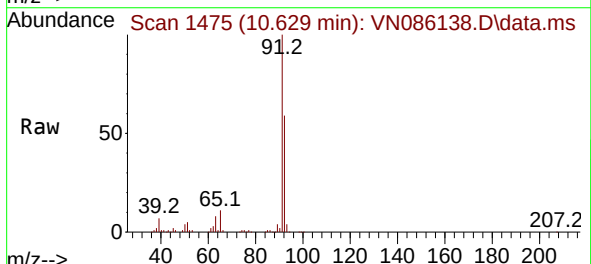
Manual Integrations
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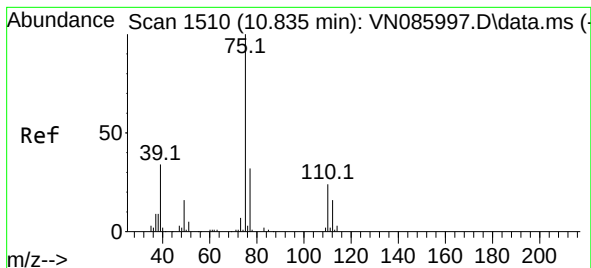
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 52.590 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

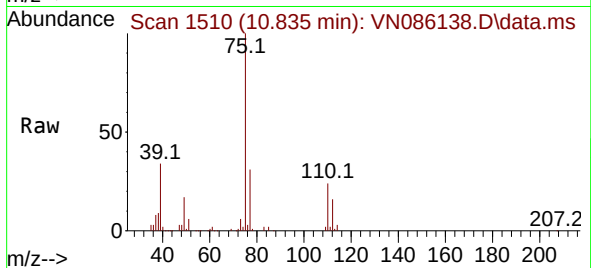
Tgt Ion: 92 Resp: 277758
Ion Ratio Lower Upper
92 100
91 169.5 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 55.478 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

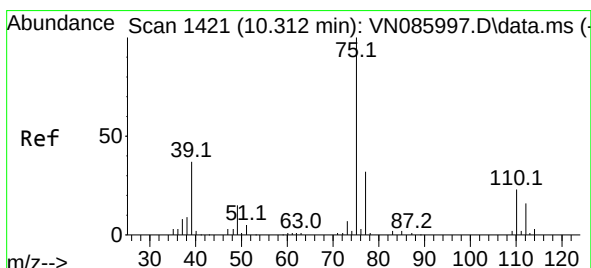
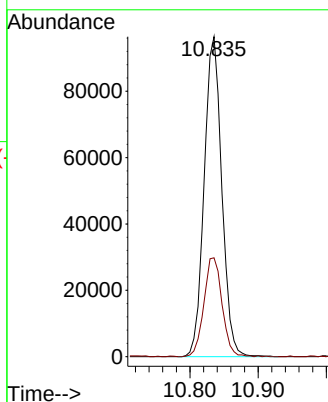
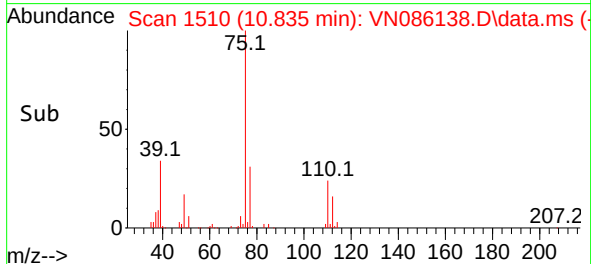
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



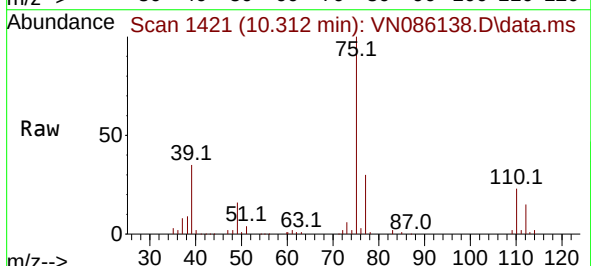
Tgt Ion: 75 Resp: 173320
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9

Manual Integrations
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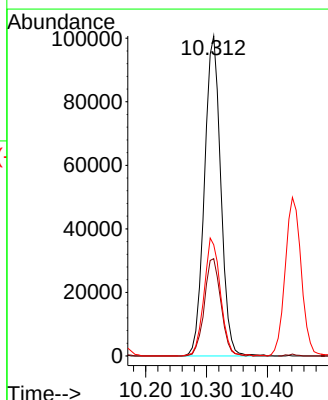
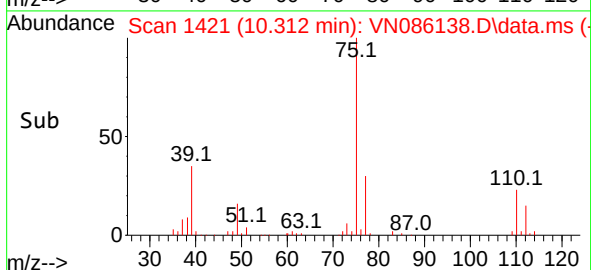
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

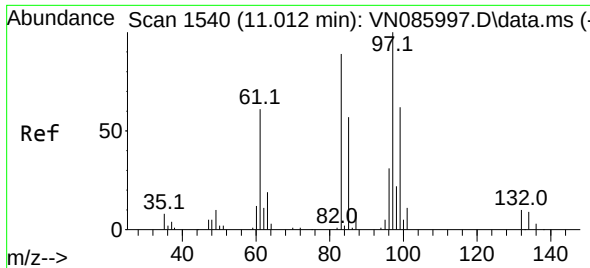


#54
cis-1,3-Dichloropropene
Concen: 56.949 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



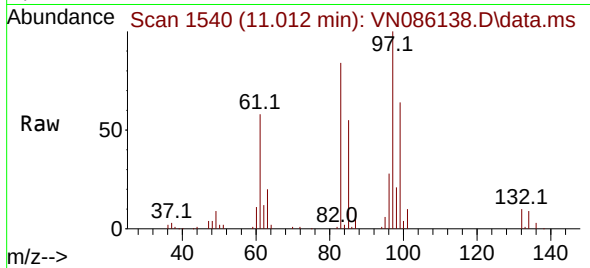
Tgt Ion: 75 Resp: 187717
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9
39 34.7 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 58.808 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

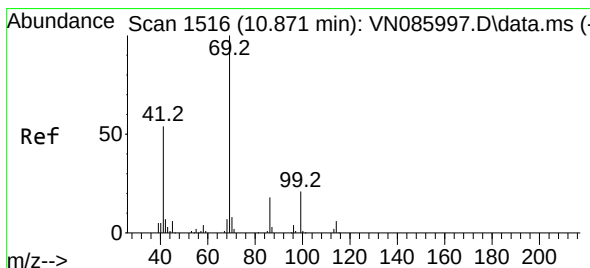
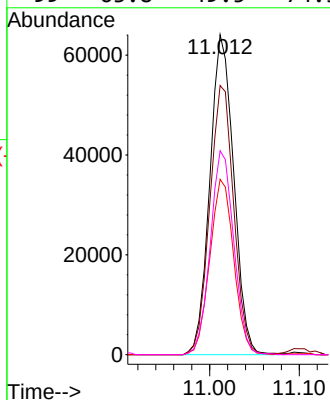
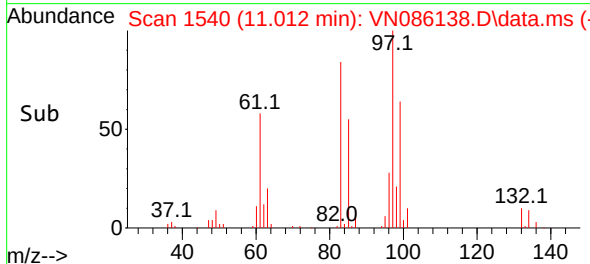
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	11854
Ion Ratio	Lower	Upper	
97	100		
83	84.1	71.2	106.8
85	54.8	45.4	68.0
99	63.8	49.5	74.3

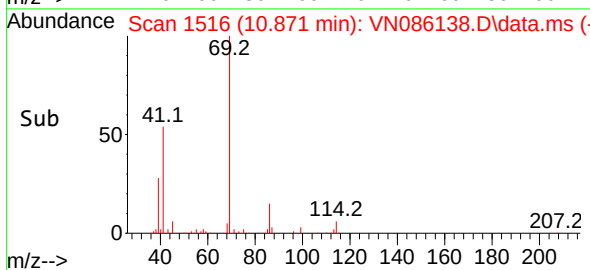
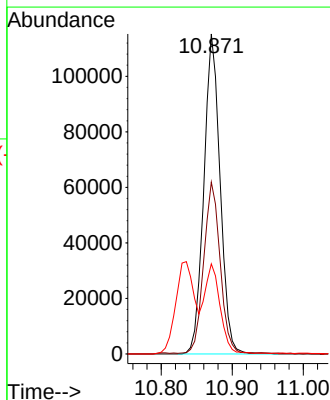
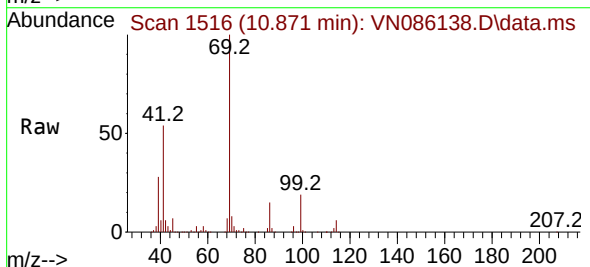
Manual Integrations
APPROVED

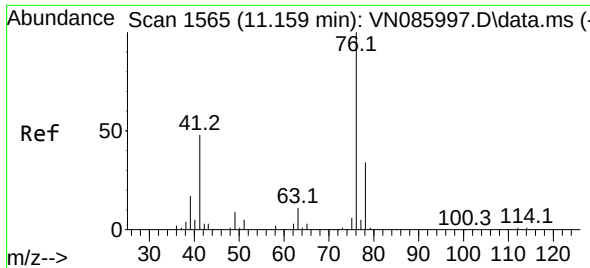
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#56
Ethyl methacrylate
Concen: 56.881 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

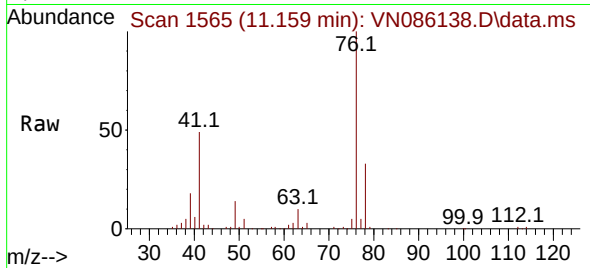
Tgt Ion:	69	Resp:	183825
Ion Ratio	Lower	Upper	
69	100		
41	53.6	41.6	62.4
39	26.9	21.8	32.8





#57
1,3-Dichloropropane
Concen: 58.161 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

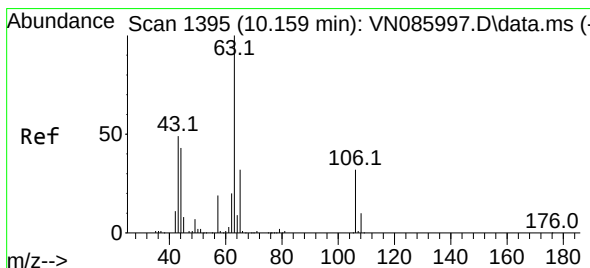
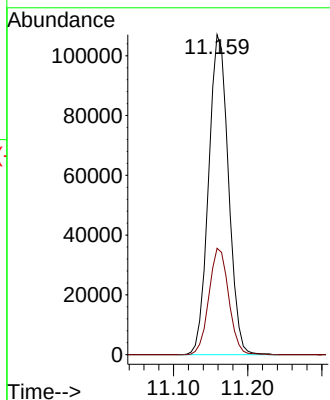
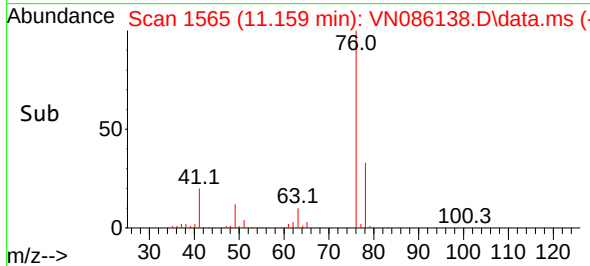
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 19913
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.6

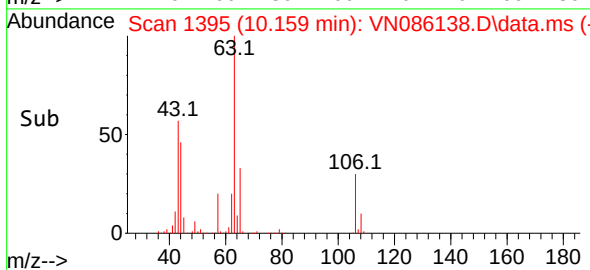
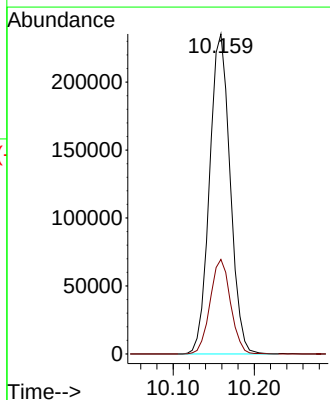
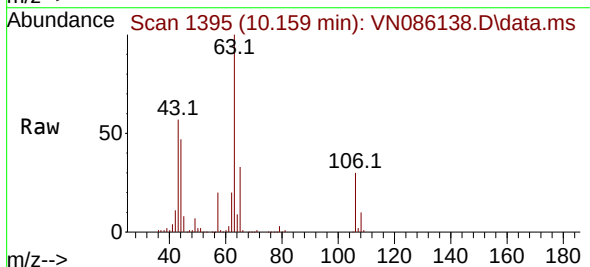
Manual Integrations
APPROVED

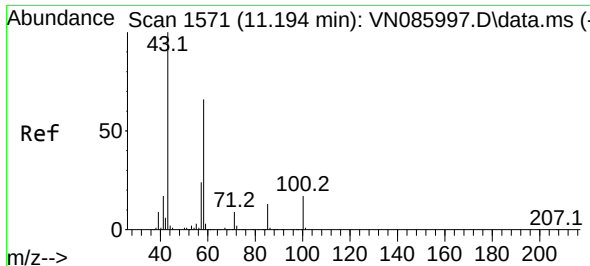
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 324.376 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

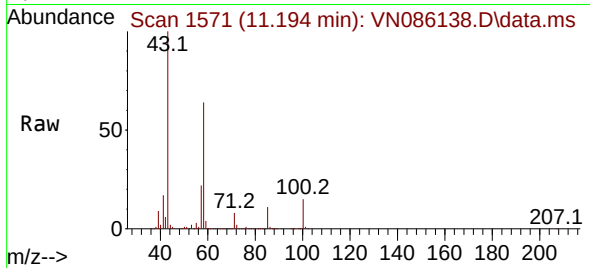
Tgt Ion: 63 Resp: 414605
Ion Ratio Lower Upper
63 100
106 29.3 25.0 37.6





#59
2-Hexanone
Concen: 331.719 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

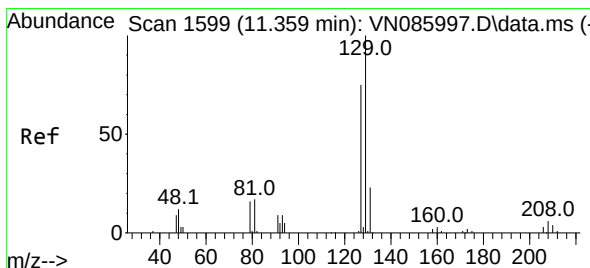
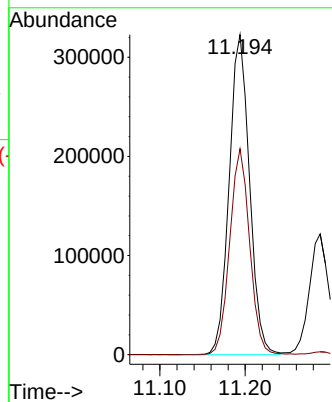
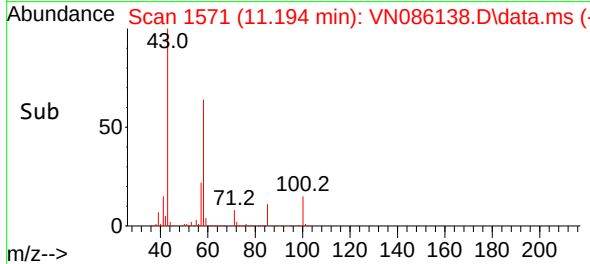
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 534086
Ion Ratio Lower Upper
43 100
58 63.1 32.4 97.2

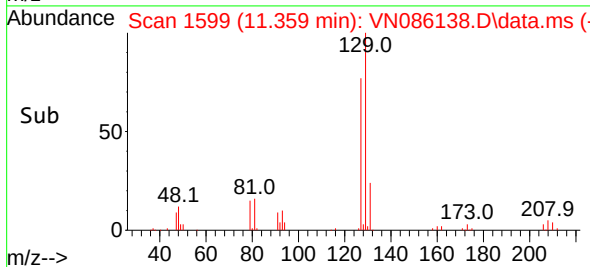
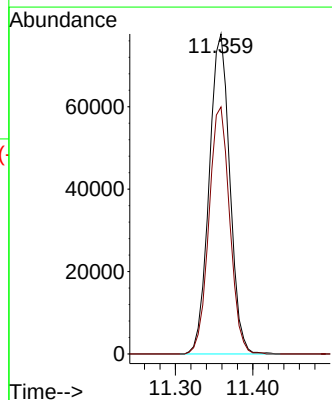
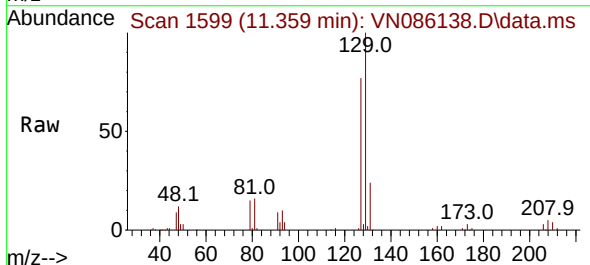
Manual Integrations
APPROVED

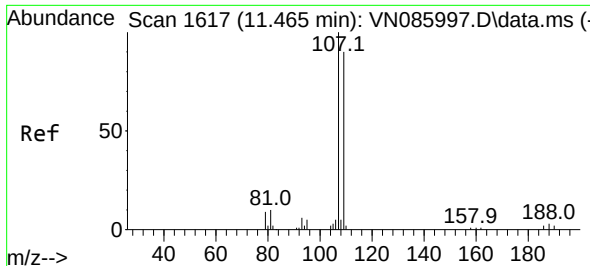
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#60
Dibromochloromethane
Concen: 55.329 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

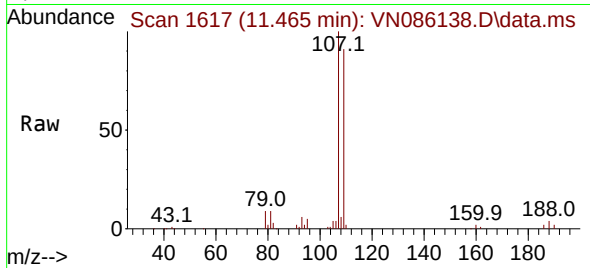
Tgt Ion:129 Resp: 143925
Ion Ratio Lower Upper
129 100
127 77.5 37.8 113.4





#61
1,2-Dibromoethane
Concen: 56.539 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

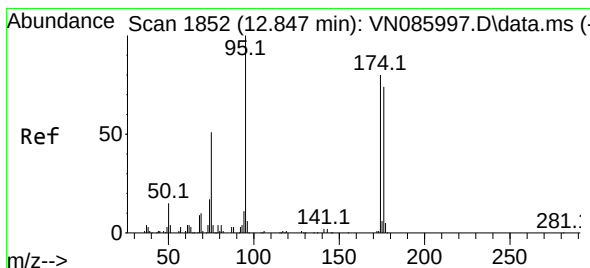
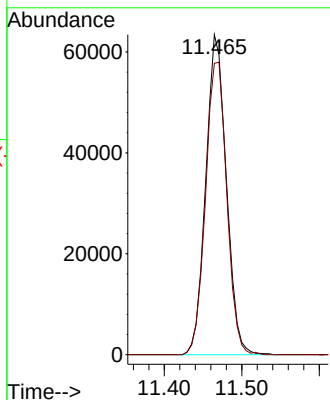
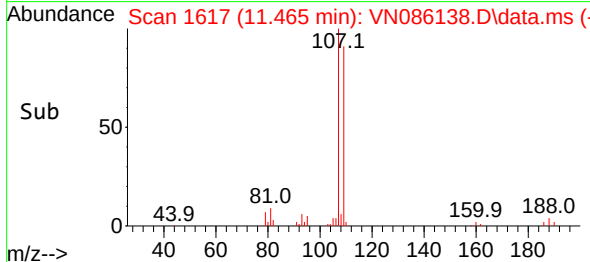
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



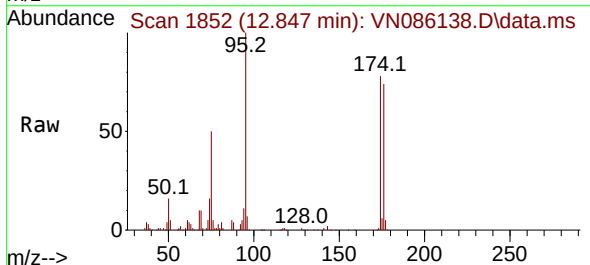
Tgt Ion:107 Resp: 11700
Ion Ratio Lower Upper
107 100
109 94.4 73.3 109.9

Manual Integrations
APPROVED

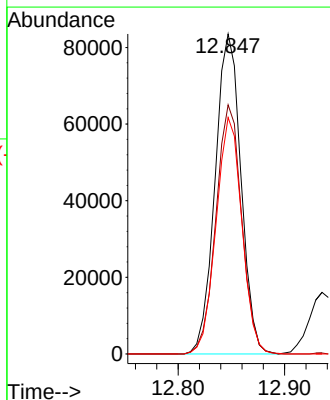
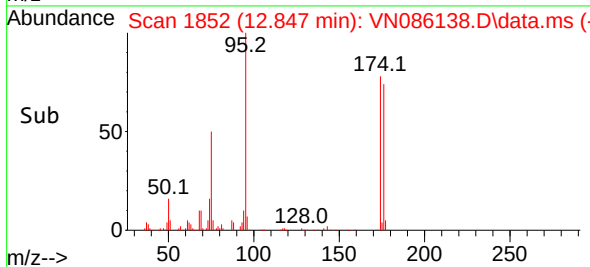
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

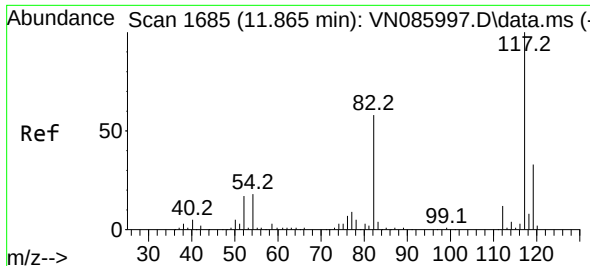


#62
4-Bromofluorobenzene
Concen: 52.213 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



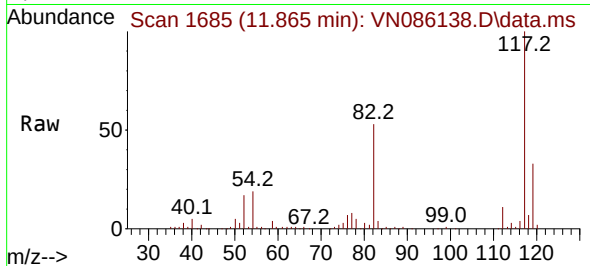
Tgt Ion: 95 Resp: 140691
Ion Ratio Lower Upper
95 100
174 77.6 0.0 156.8
176 73.8 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

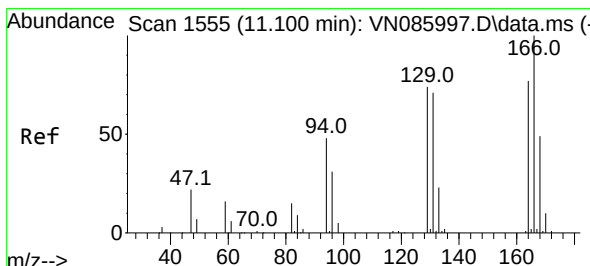
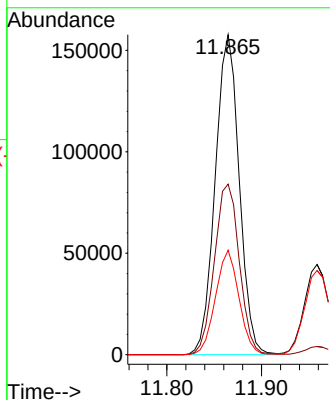
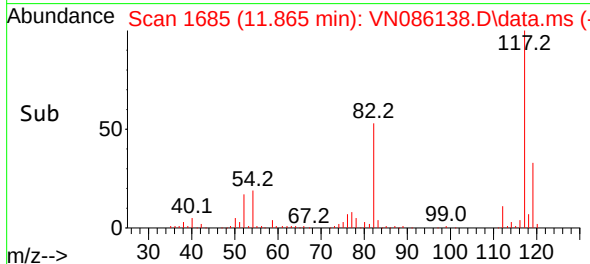
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



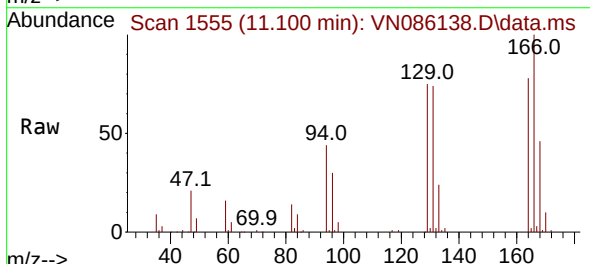
Tgt Ion:117 Resp: 27806
Ion Ratio Lower Upper
117 100
82 53.3 46.7 70.1
119 32.7 26.5 39.7

Manual Integrations
APPROVED

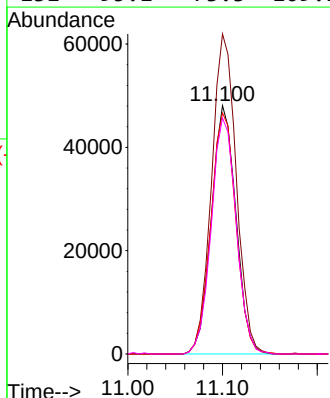
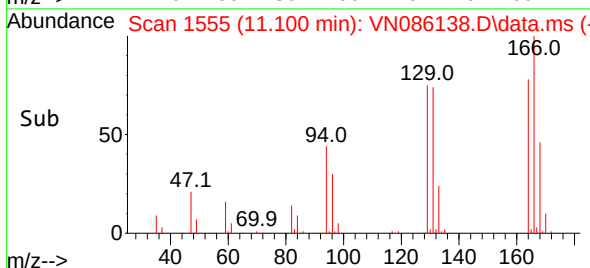
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

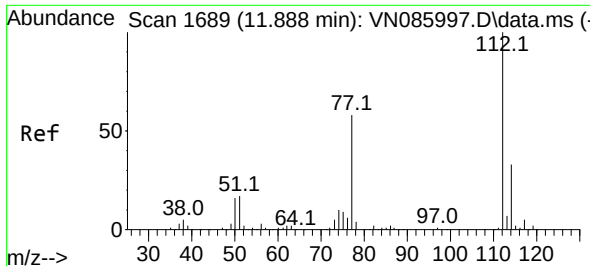


#64
Tetrachloroethene
Concen: 39.118 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



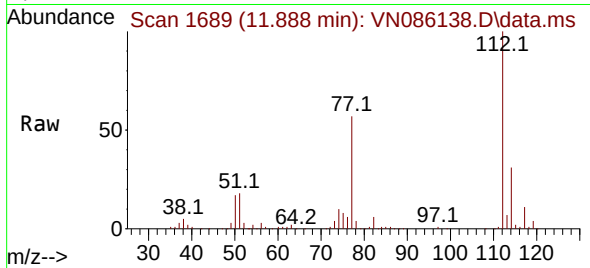
Tgt Ion:164 Resp: 86768
Ion Ratio Lower Upper
164 100
166 128.9 103.7 155.5
129 97.0 77.1 115.7
131 95.1 73.3 109.9





#65
Chlorobenzene
Concen: 47.483 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

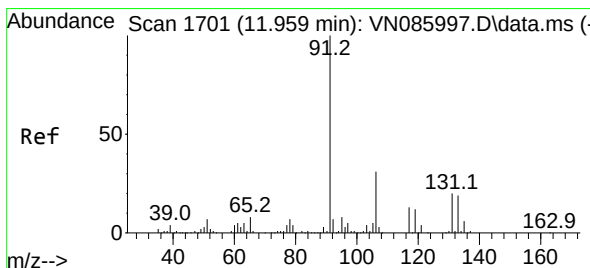
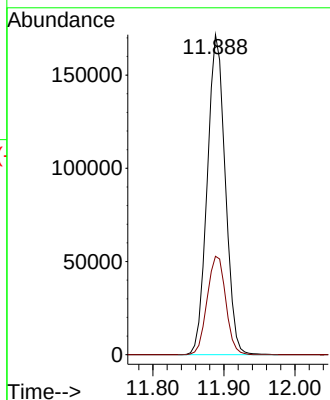
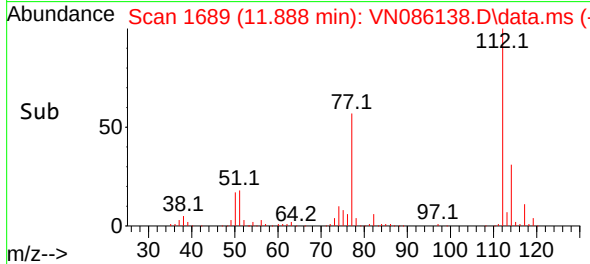
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



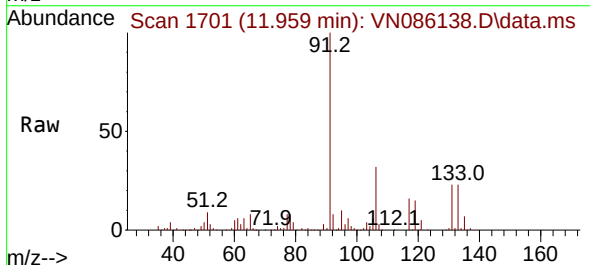
Tgt Ion:112 Resp: 302120
Ion Ratio Lower Upper
112 100
114 30.8 26.3 39.5

Manual Integrations
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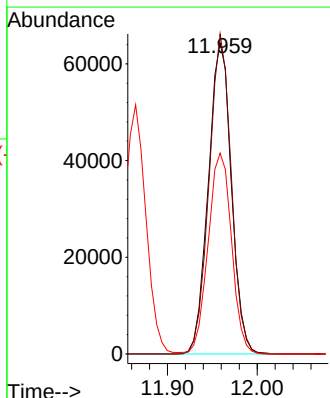
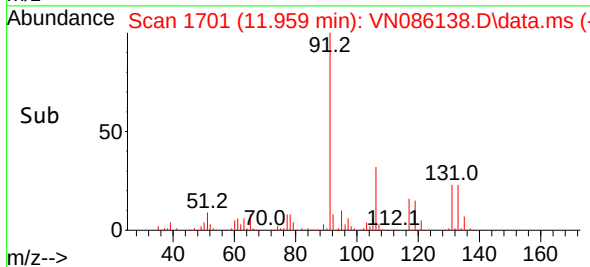
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

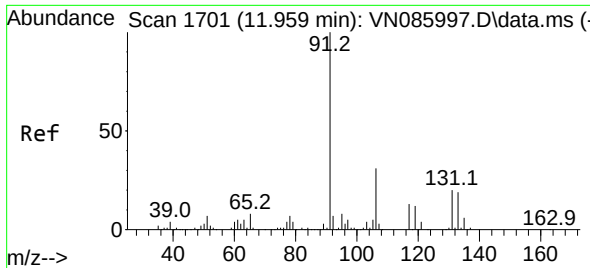


#66
1,1,1,2-Tetrachloroethane
Concen: 48.539 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



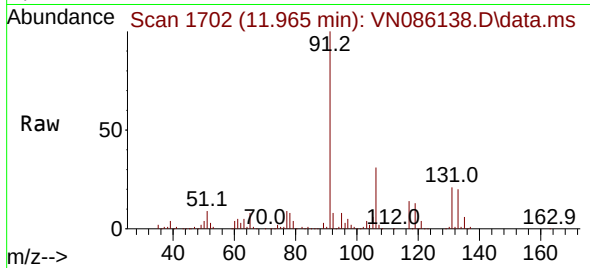
Tgt Ion:131 Resp: 114808
Ion Ratio Lower Upper
131 100
133 98.9 47.0 141.0
119 65.5 31.4 94.0





#67
Ethyl Benzene
Concen: 47.290 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

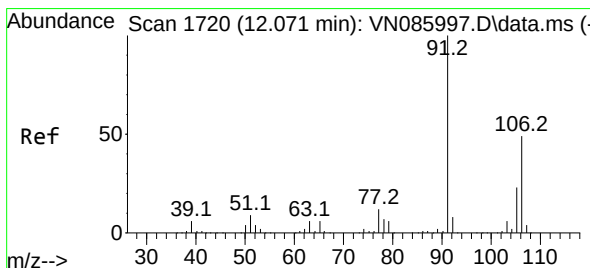
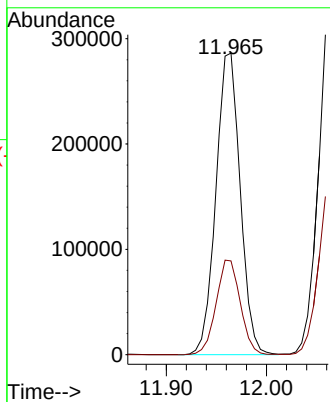
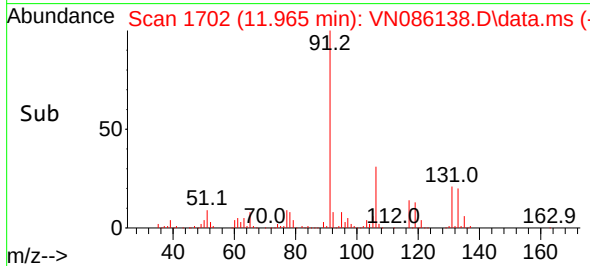
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



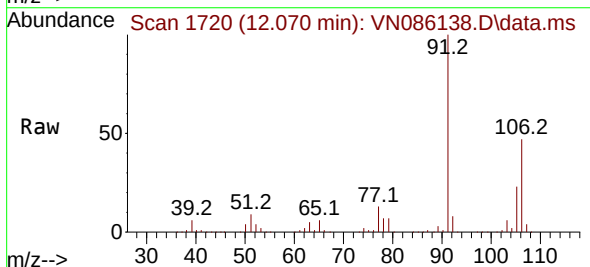
Tgt Ion: 91 Resp: 481325
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

Manual Integrations
APPROVED

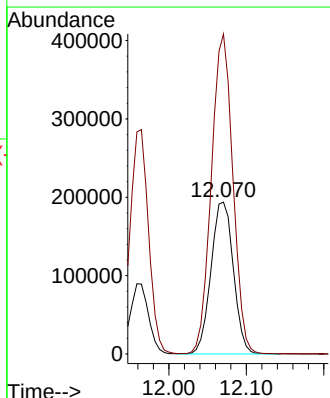
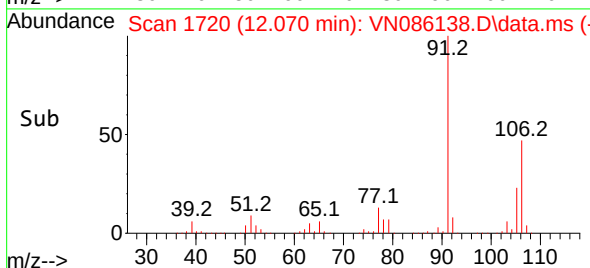
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

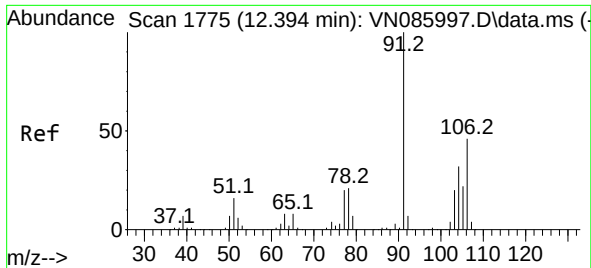


#68
m/p-Xylenes
Concen: 97.284 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



Tgt Ion:106 Resp: 389180
Ion Ratio Lower Upper
106 100
91 202.3 163.9 245.9





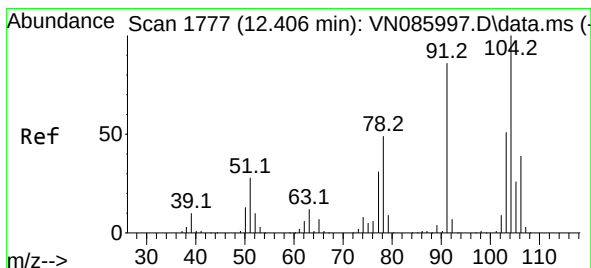
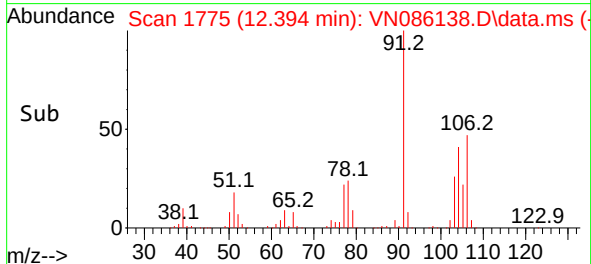
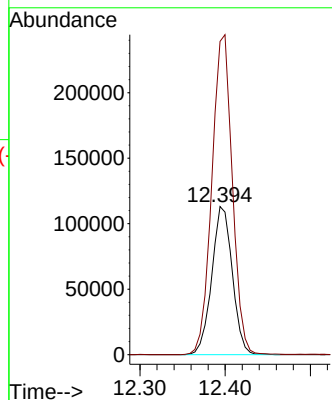
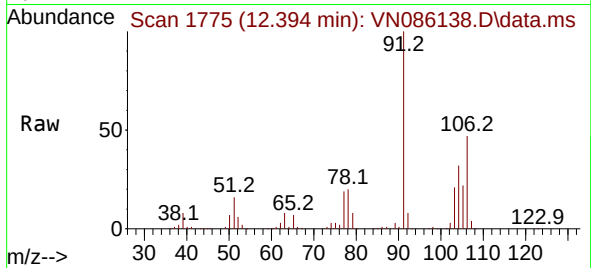
#69
o-Xylene
Concen: 51.583 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 18939
Ion Ratio Lower Upper
106 100
91 215.3 109.1 327.2

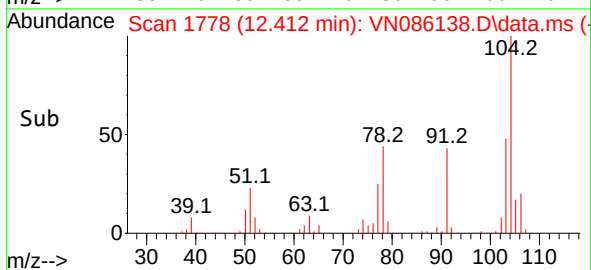
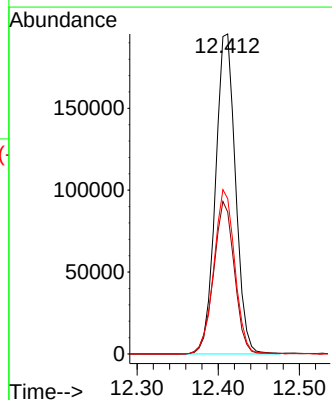
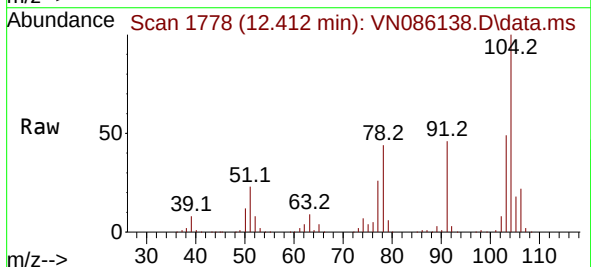
Manual Integrations
APPROVED

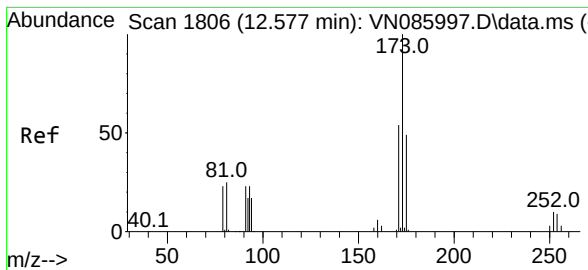
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 53.349 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Tgt Ion:104 Resp: 334569
Ion Ratio Lower Upper
104 100
78 49.6 41.4 62.2
103 53.7 42.9 64.3





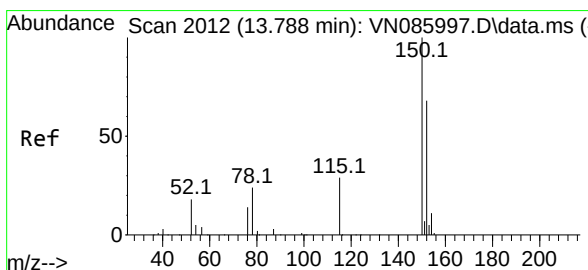
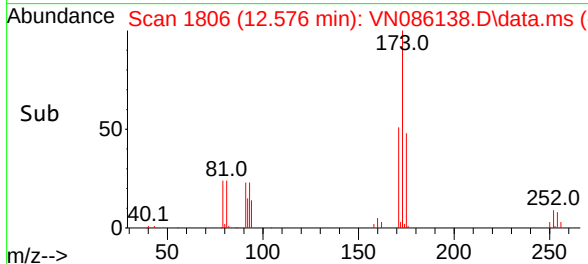
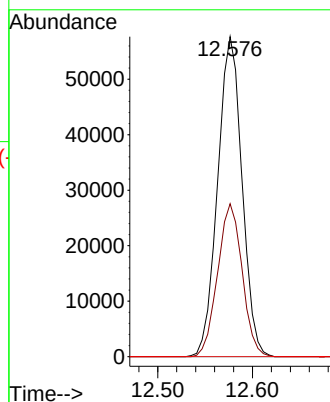
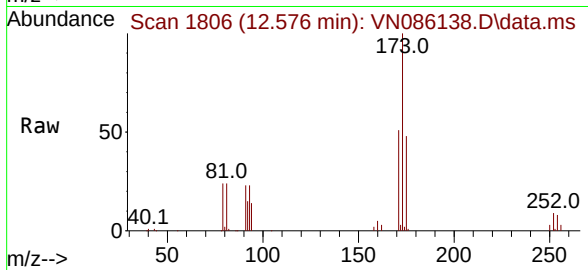
#71
Bromoform
Concen: 52.121 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 103058
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

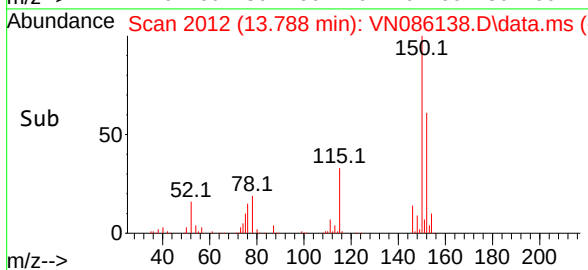
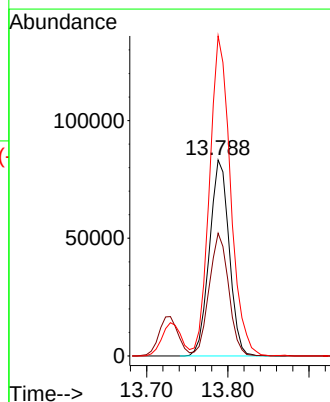
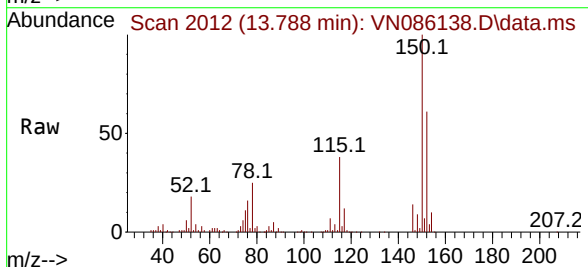
Manual Integrations
APPROVED

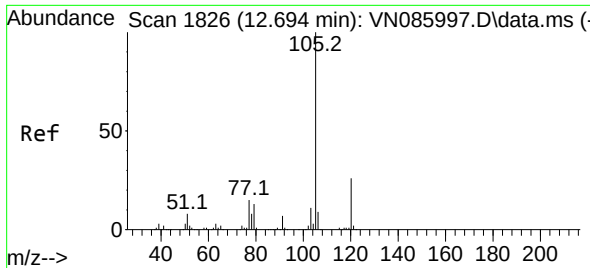
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

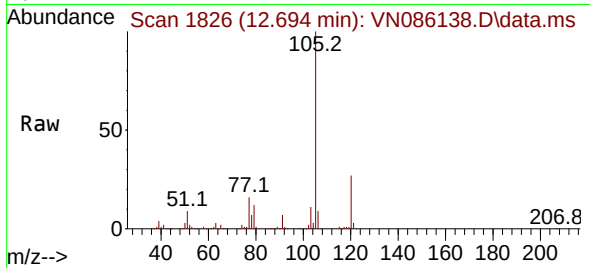
Tgt Ion:152 Resp: 140375
Ion Ratio Lower Upper
152 100
115 61.9 31.1 93.2
150 173.9 0.0 359.6





#73
Isopropylbenzene
Concen: 45.622 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

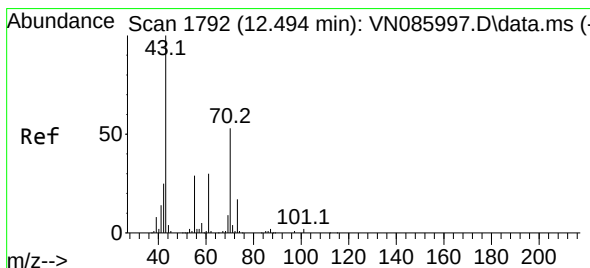
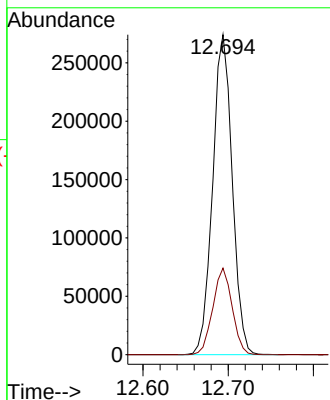
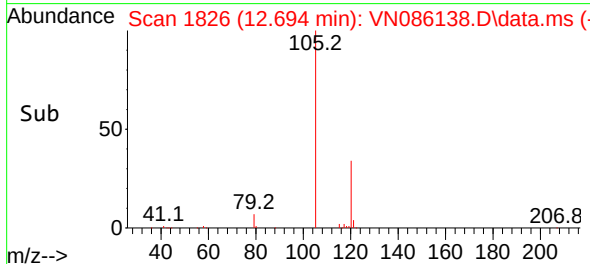
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



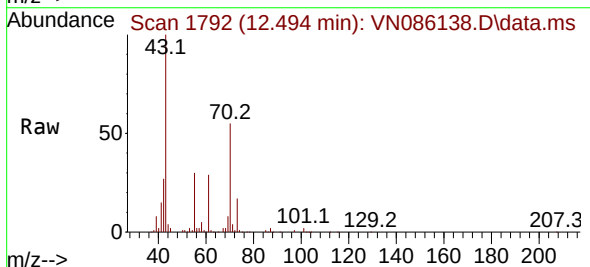
Tgt Ion:105 Resp: 437333
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

Manual Integrations
APPROVED

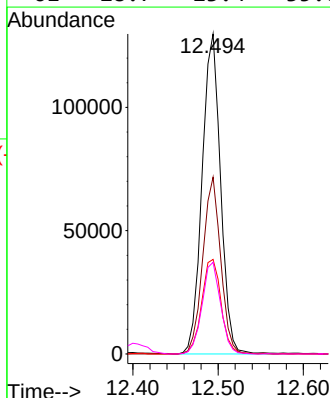
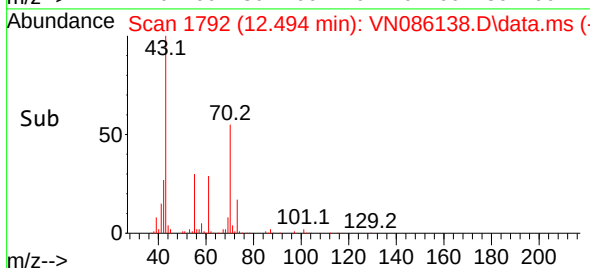
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

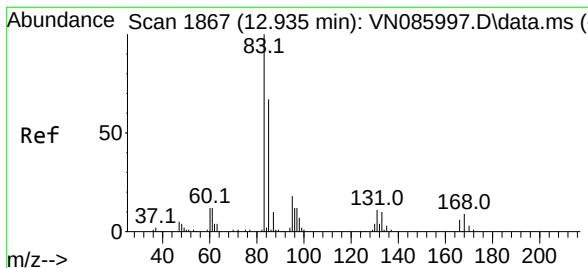


#74
N-ethyl acetate
Concen: 60.996 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



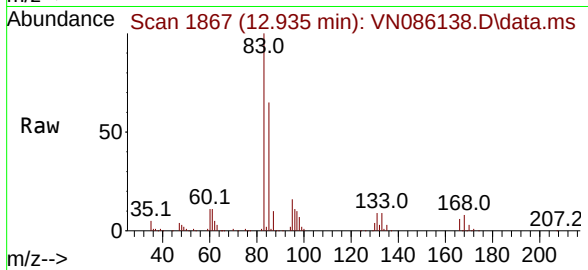
Tgt Ion: 43 Resp: 195624
Ion Ratio Lower Upper
43 100
70 53.6 43.0 64.4
55 31.0 23.8 35.8
61 28.7 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 53.051 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

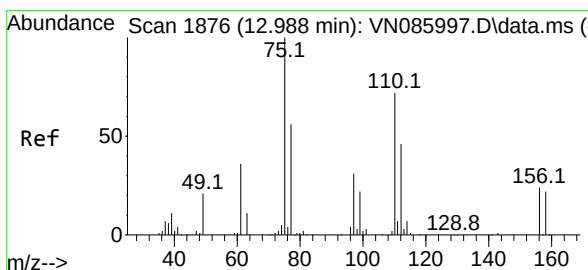
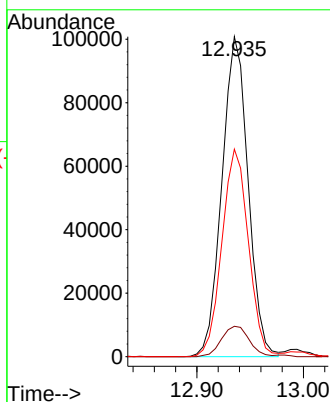
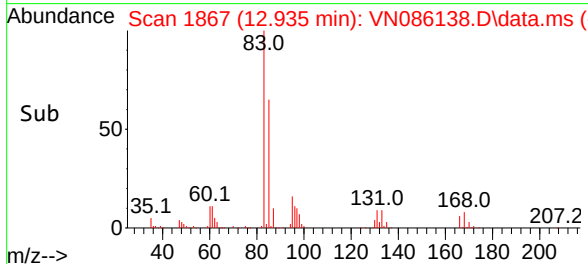
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 172050
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 65.6 32.6 97.8

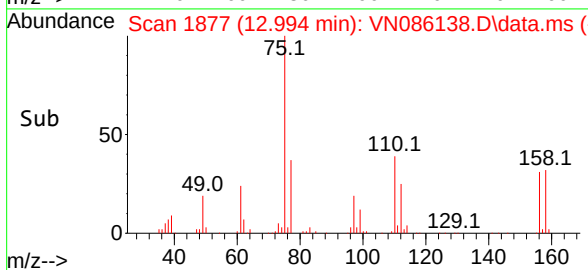
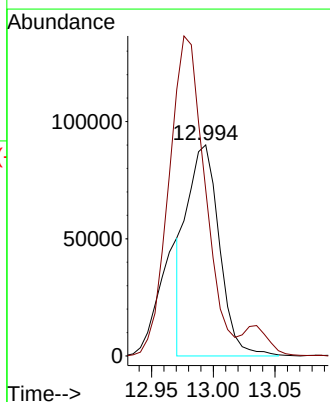
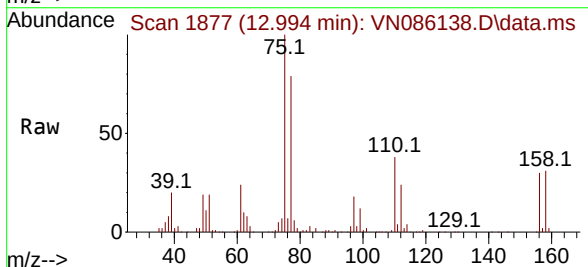
Manual Integrations
APPROVED

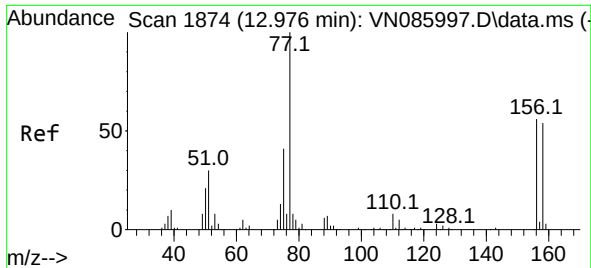
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 52.400 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

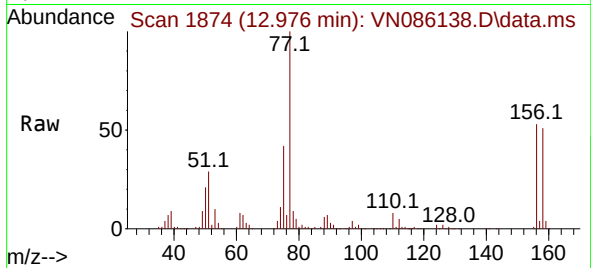
Tgt Ion: 75 Resp: 164680
Ion Ratio Lower Upper
75 100
77 168.0 83.7 251.0





#77
Bromobenzene
Concen: 47.246 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

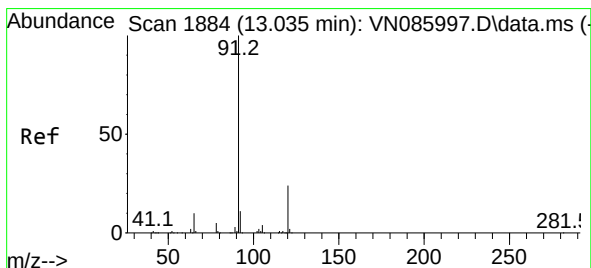
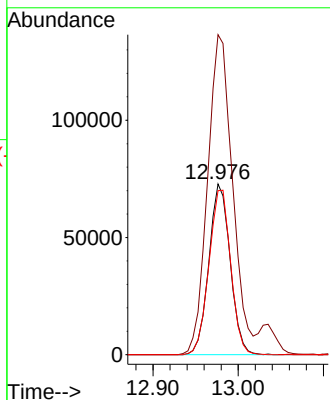
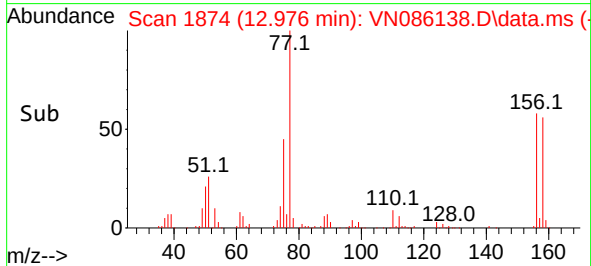
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 126280
Ion Ratio Lower Upper
156 100
77 219.1 104.1 312.3
158 98.6 49.0 147.0

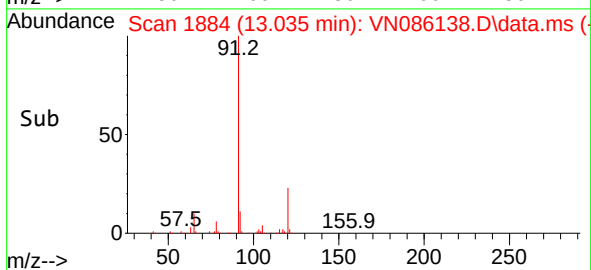
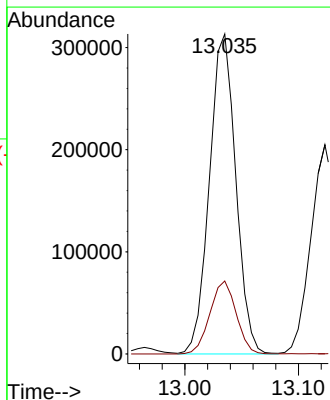
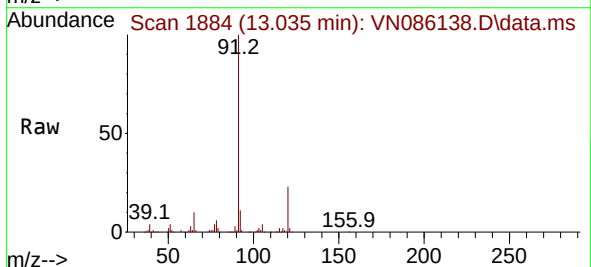
Manual Integrations
APPROVED

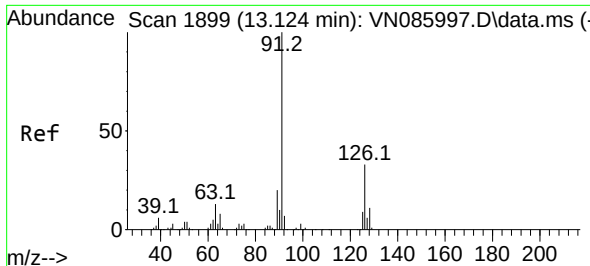
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#78
n-propylbenzene
Concen: 46.560 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Tgt Ion: 91 Resp: 505397
Ion Ratio Lower Upper
91 100
120 22.7 11.7 35.0





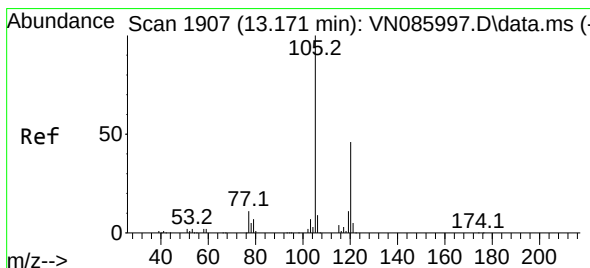
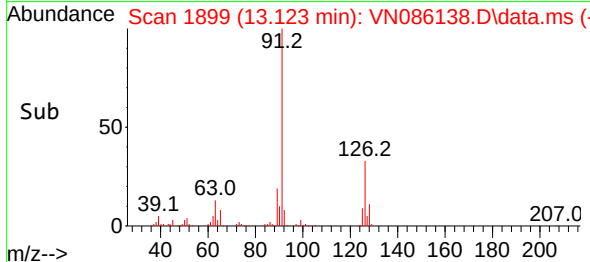
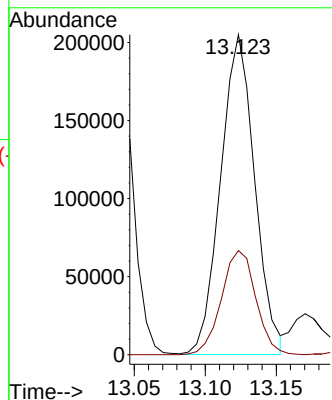
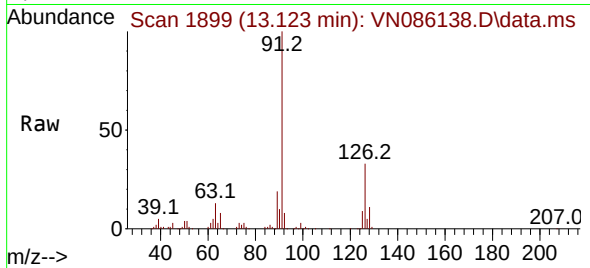
#79
2-Chlorotoluene
Concen: 47.412 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 34183
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

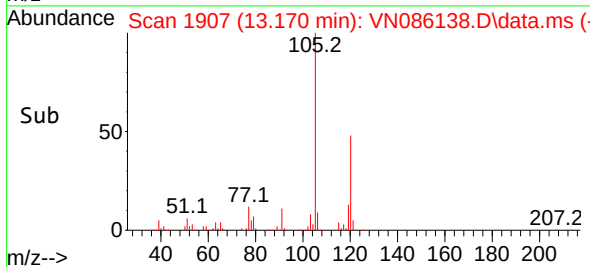
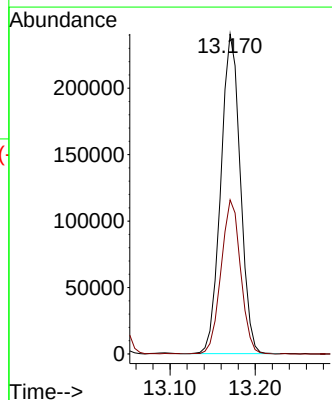
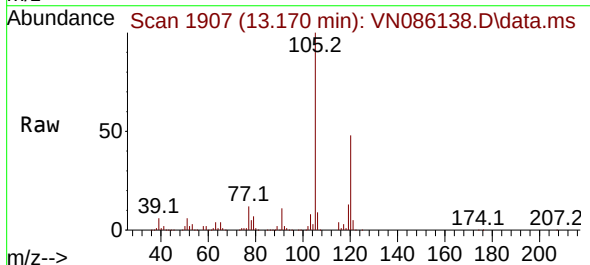
Manual Integrations
APPROVED

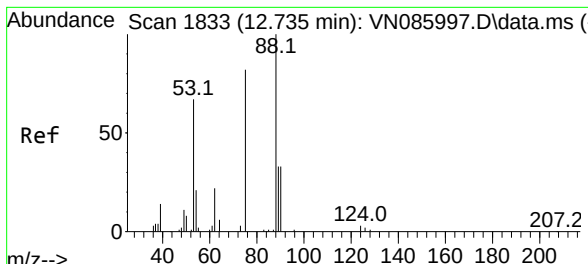
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.285 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Tgt Ion:105 Resp: 382694
Ion Ratio Lower Upper
105 100
120 48.3 23.7 71.1



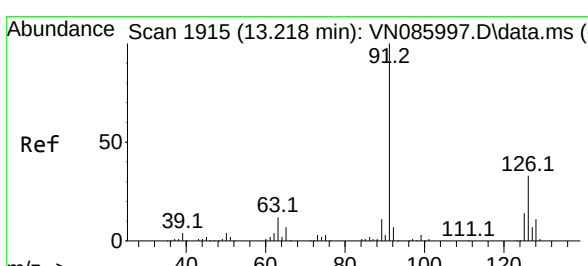
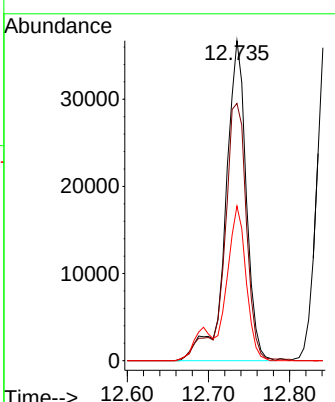
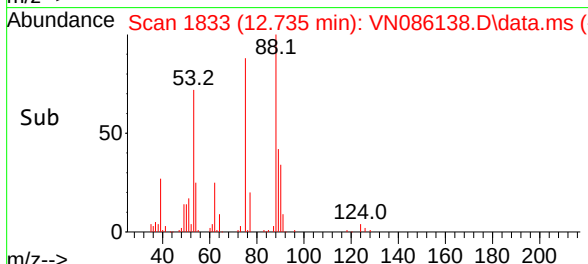
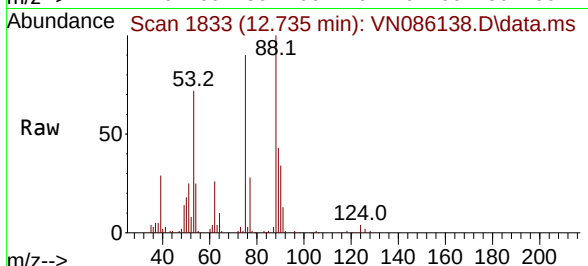


#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.695 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

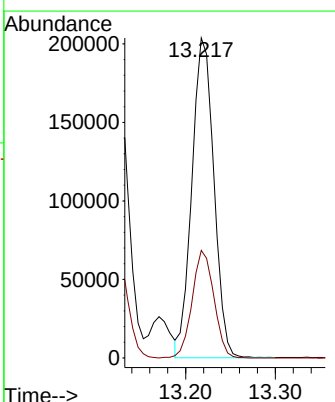
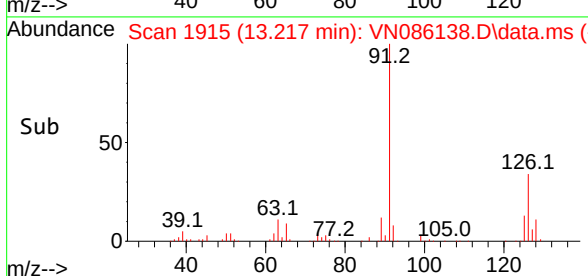
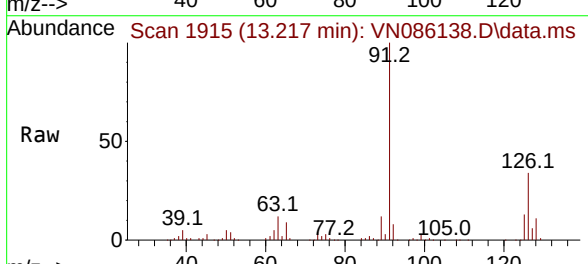
Tgt Ion:	75	Resp:	65010
Ion Ratio	Lower	Upper	
75	100		
53	86.6	66.0	99.0
89	44.0	36.9	55.3

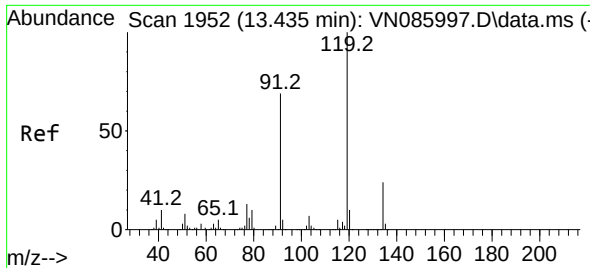
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#82
 4-Chlorotoluene
 Concen: 46.709 ug/l
 RT: 13.217 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00

Tgt Ion:	91	Resp:	346312
Ion Ratio	Lower	Upper	
91	100		
126	33.2	16.1	48.2





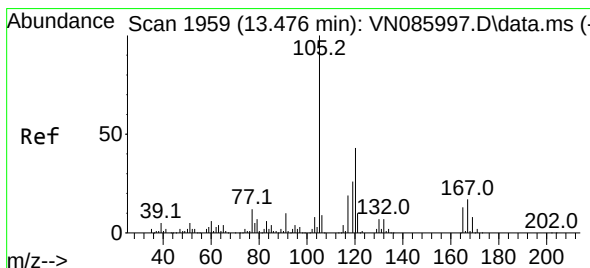
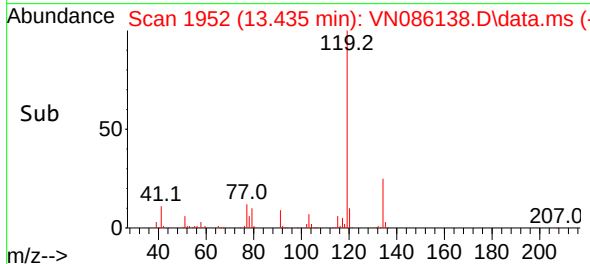
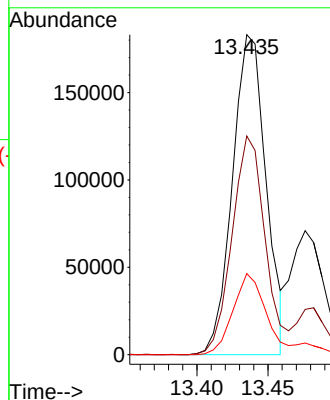
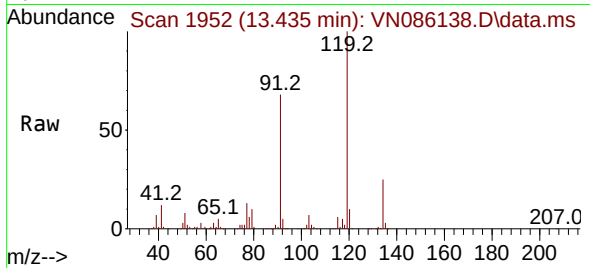
#83
tert-Butylbenzene
Concen: 43.519 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 30123
Ion Ratio Lower Upper
119 100
91 67.7 34.3 102.9
134 27.4 13.5 40.5

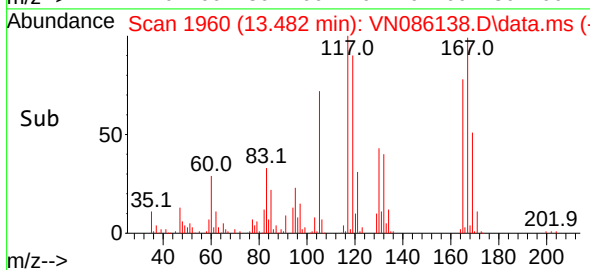
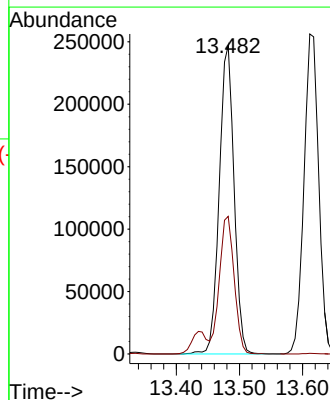
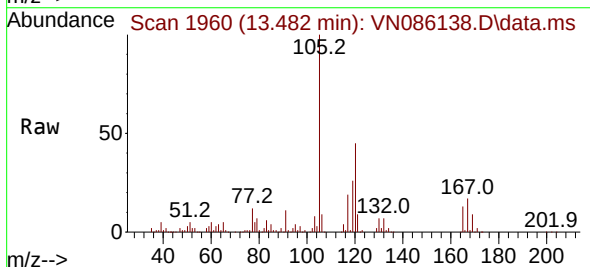
Manual Integrations
APPROVED

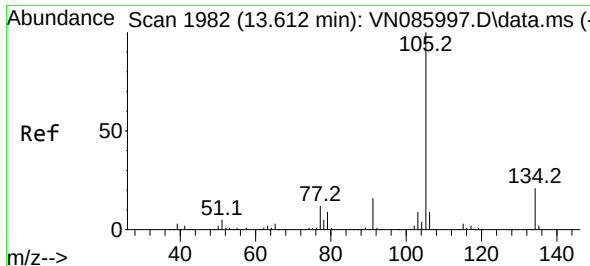
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 49.161 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

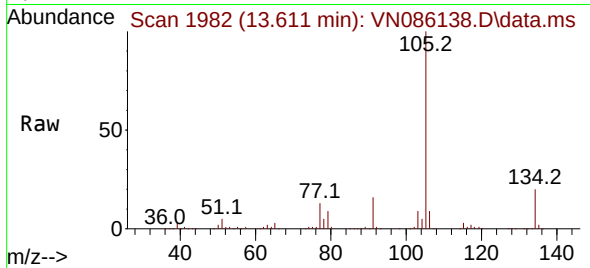
Tgt Ion:105 Resp: 401306
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 45.888 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00

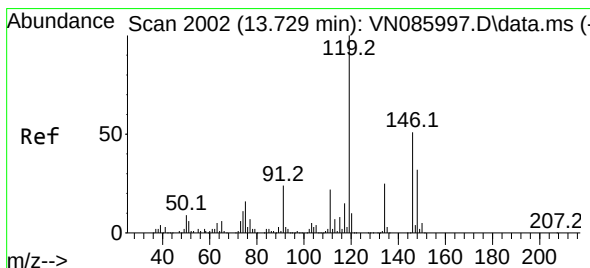
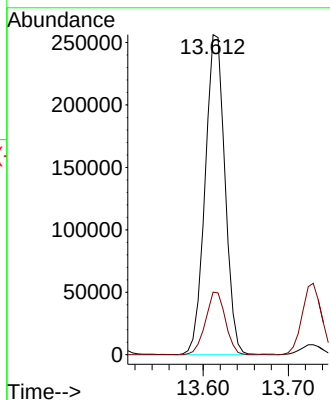
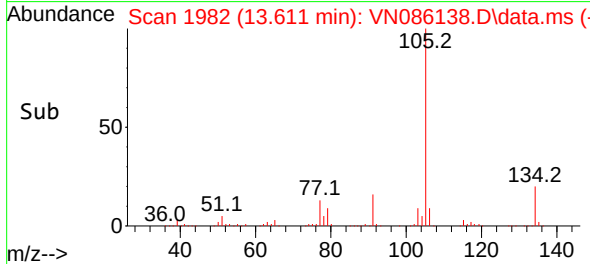
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



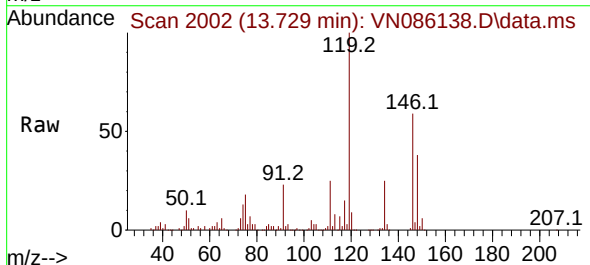
Tgt Ion:105 Resp: 414364
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

Manual Integrations
 APPROVED

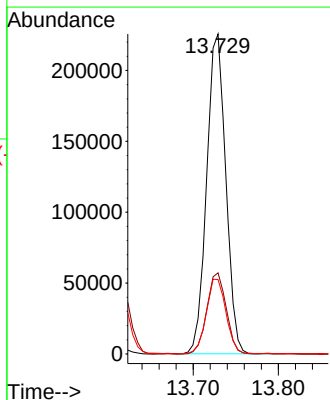
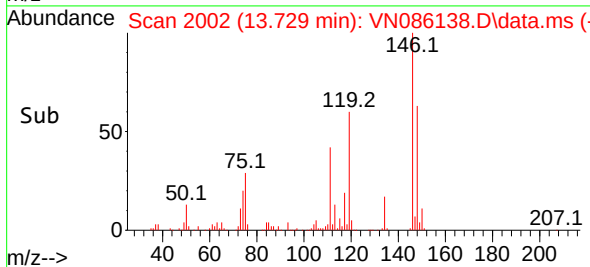
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

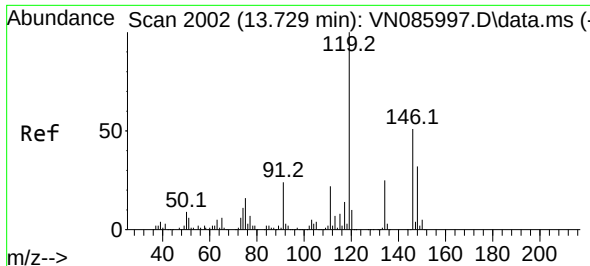


#86
 p-Isopropyltoluene
 Concen: 45.953 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086138.D
 Acq: 26 Mar 2025 20:00



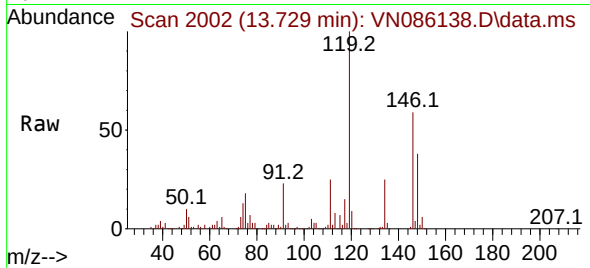
Tgt Ion:119 Resp: 351263
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.3 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 45.768 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

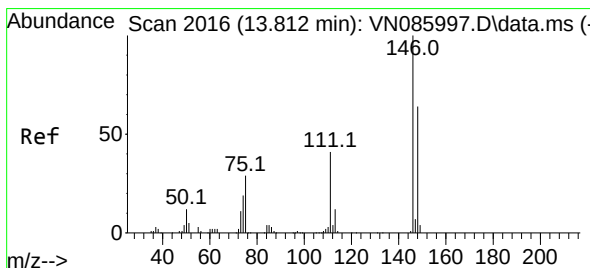
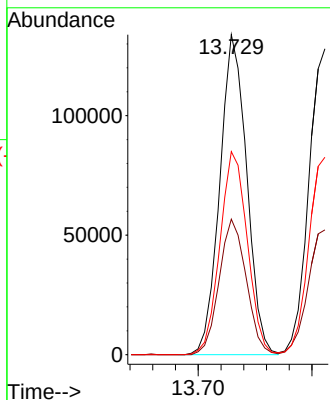
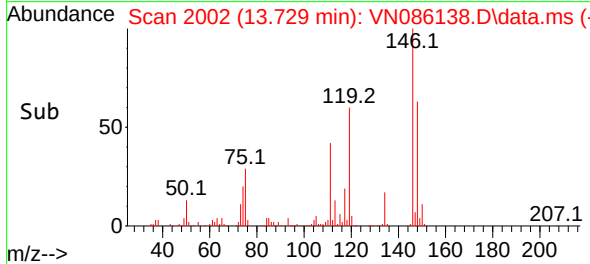
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



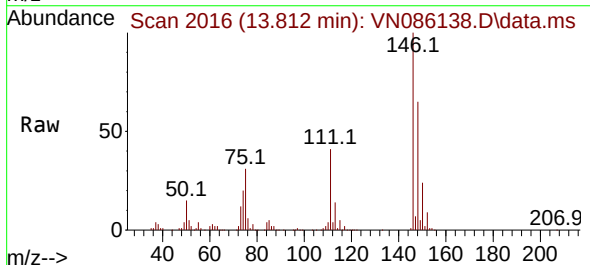
Tgt Ion:146 Resp: 220509
Ion Ratio Lower Upper
146 100
111 42.6 21.2 63.6
148 64.7 31.8 95.4

Manual Integrations
APPROVED

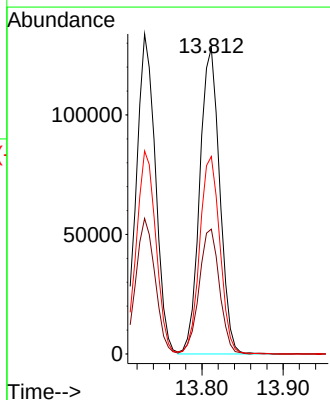
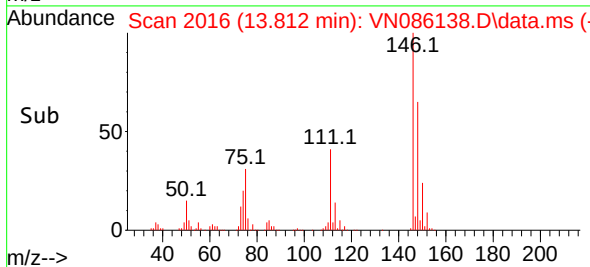
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

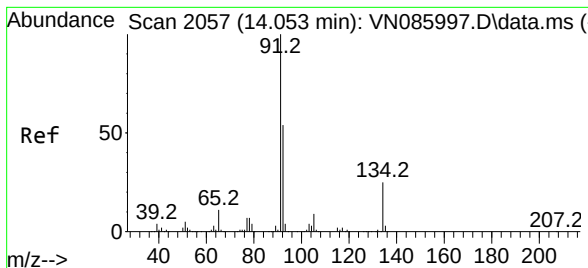


#88
1,4-Dichlorobenzene
Concen: 43.232 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



Tgt Ion:146 Resp: 218845
Ion Ratio Lower Upper
146 100
111 41.6 20.4 61.3
148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 43.284 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 269430

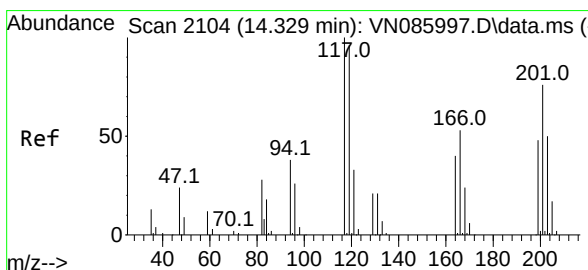
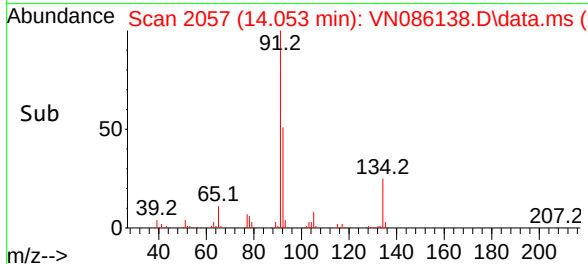
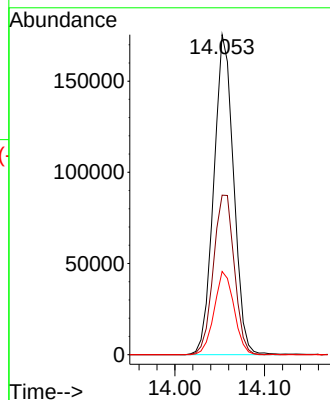
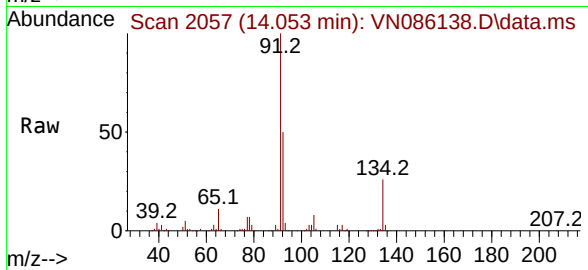
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.9	80.6
134	26.0	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#90

Hexachloroethane

Concen: 40.284 ug/l

RT: 14.329 min Scan# 2104

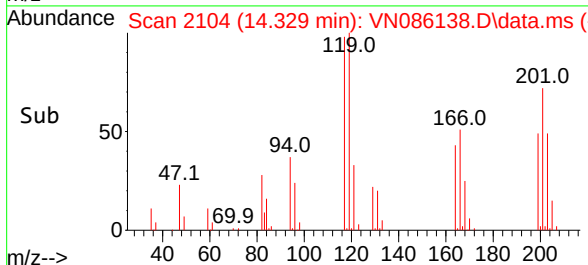
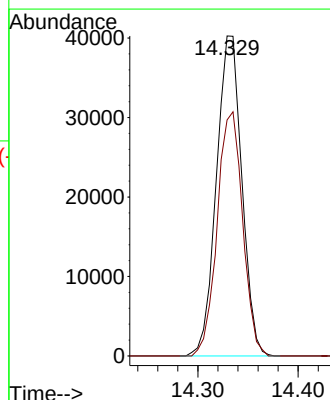
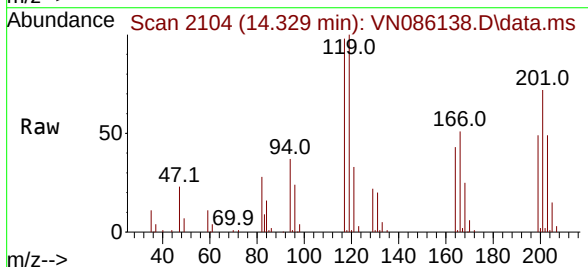
Delta R.T. -0.000 min

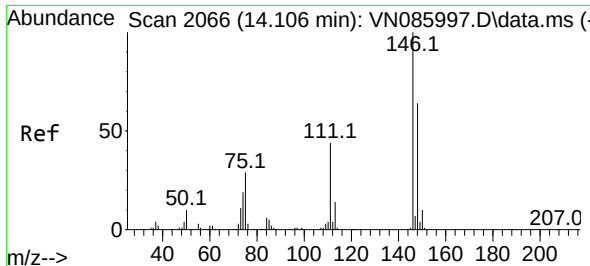
Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Tgt Ion: 117 Resp: 71052

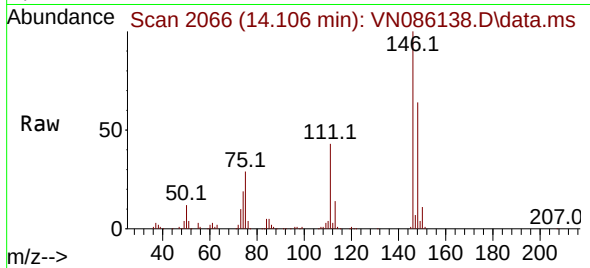
Ion	Ratio	Lower	Upper
117	100		
201	76.1	39.1	117.3





#91
1,2-Dichlorobenzene
Concen: 47.321 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

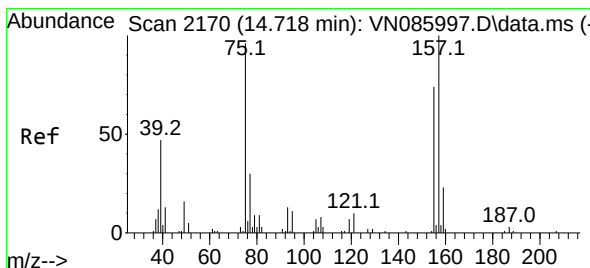
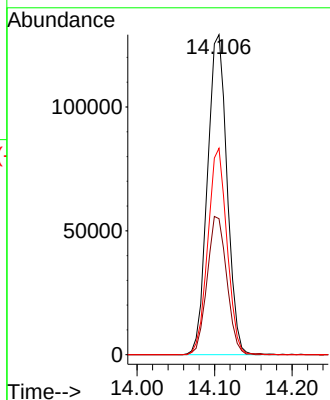
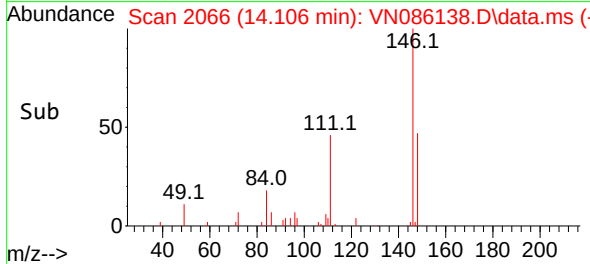
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



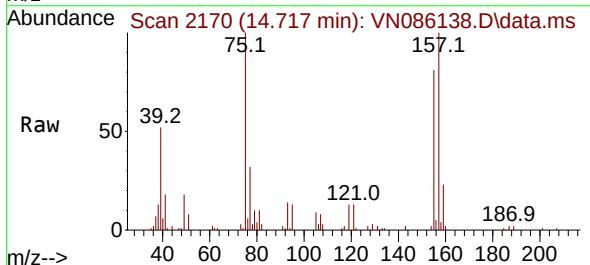
Tgt Ion:146 Resp: 226649
Ion Ratio Lower Upper
146 100
111 43.4 22.3 66.8
148 63.2 32.1 96.5

Manual Integrations
APPROVED

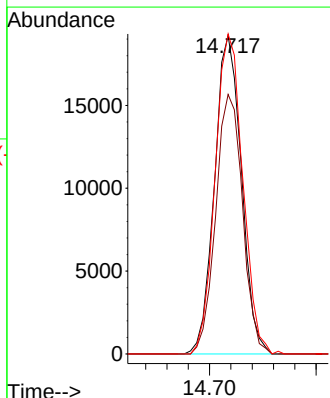
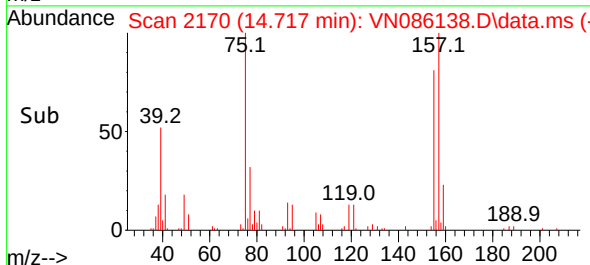
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

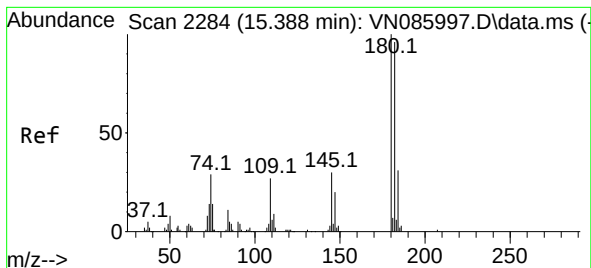


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.904 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



Tgt Ion: 75 Resp: 33601
Ion Ratio Lower Upper
75 100
155 81.5 41.0 123.0
157 103.2 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 42.605 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 10260

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.0

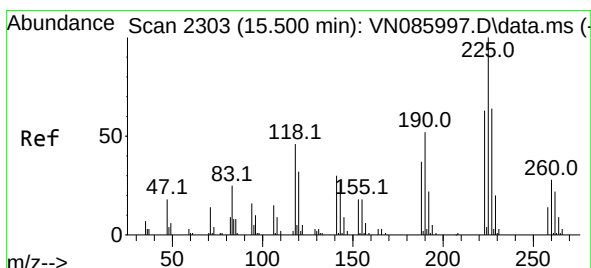
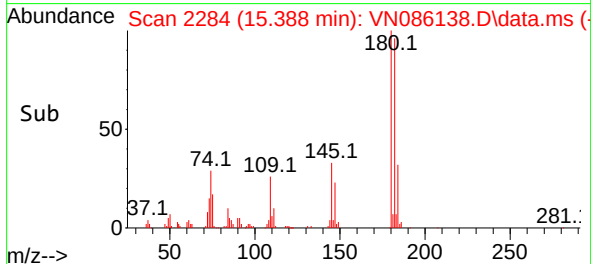
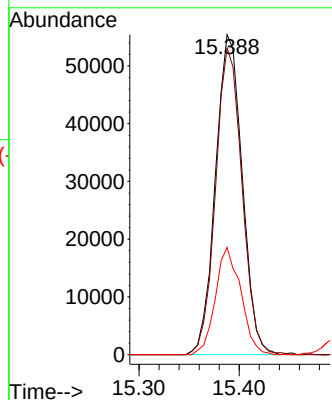
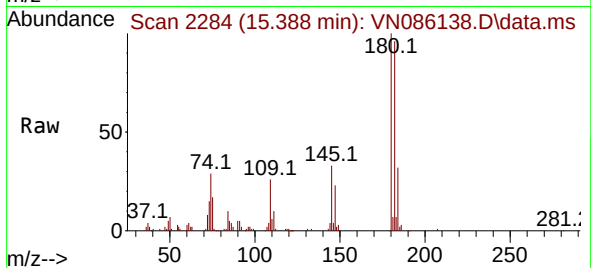
145 31.9 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#94

Hexachlorobutadiene

Concen: 33.925 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086138.D

Acq: 26 Mar 2025 20:00

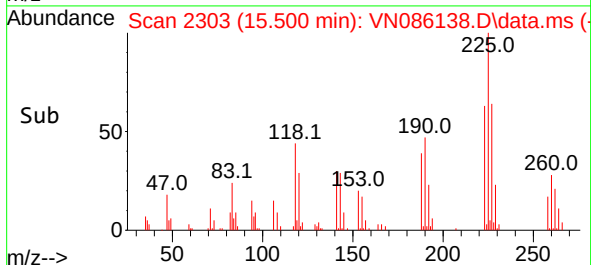
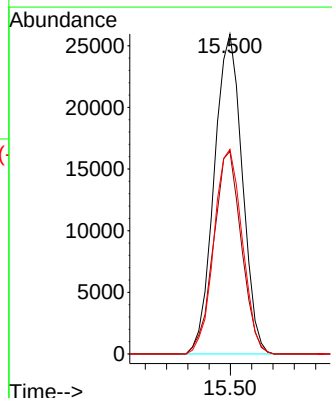
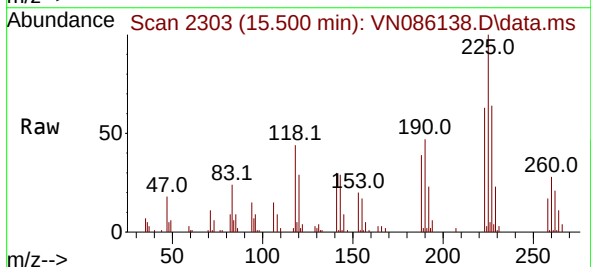
Tgt Ion:225 Resp: 47400

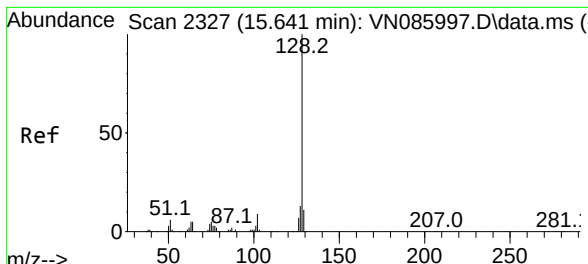
Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.9

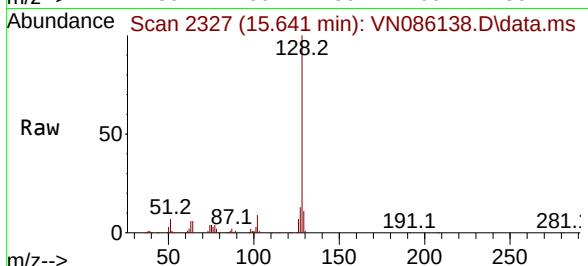
227 64.6 32.1 96.3





#95
Naphthalene
Concen: 49.667 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00

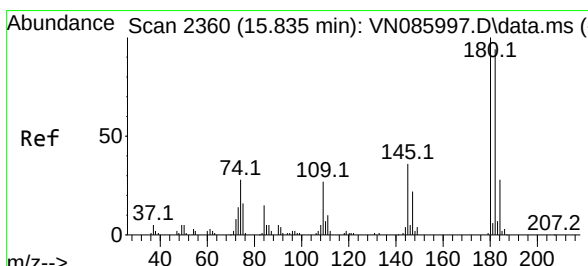
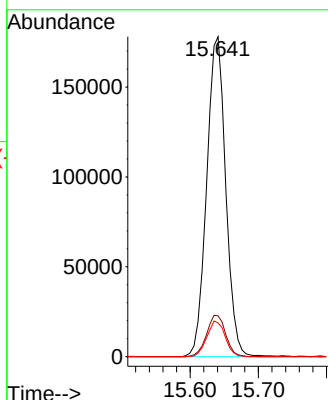
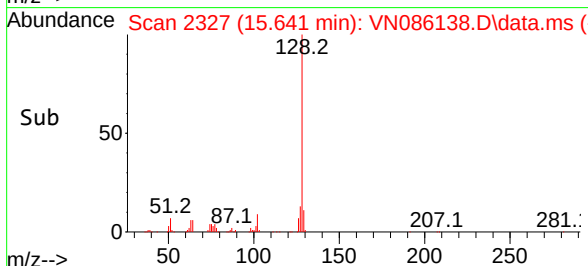
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



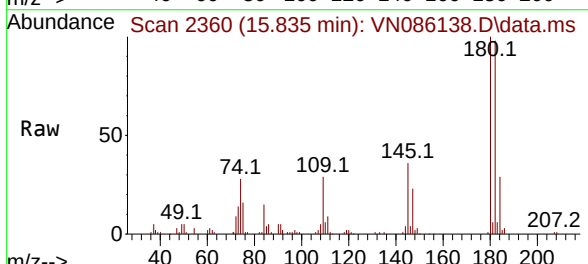
Tgt Ion:128 Resp: 34635
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.091 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086138.D
Acq: 26 Mar 2025 20:00



Tgt Ion:180 Resp: 103041
Ion Ratio Lower Upper
180 100
182 97.5 47.5 142.5
145 34.3 17.7 53.1

