

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086129.D
 Acq On : 26 Mar 2025 16:24
 Operator : JC\MD
 Sample : VN0326WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS03

Manual Integrations
 APPROVED

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

Quant Time: Mar 27 01:40:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	220450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147036	48.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.420%		
35) Dibromofluoromethane	8.165	113	122307	49.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	10.565	98	465445	51.882	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.760%		
62) 4-Bromofluorobenzene	12.847	95	168363	52.623	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	126056	43.161	ug/l	99
3) Chloromethane	2.359	50	122879	47.992	ug/l	99
4) Vinyl Chloride	2.512	62	136825	52.264	ug/l	98
5) Bromomethane	2.948	94	82517	46.273	ug/l	93
6) Chloroethane	3.118	64	84400	51.104	ug/l	99
7) Trichlorofluoromethane	3.495	101	210285	44.683	ug/l	97
8) Diethyl Ether	3.959	74	71232	49.443	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	122356	48.919	ug/l	98
10) Methyl Iodide	4.583	142	154817	47.504	ug/l	98
11) Tert butyl alcohol	5.518	59	86083	201.413	ug/l	96
12) 1,1-Dichloroethene	4.342	96	112278	49.713	ug/l	97
13) Acrolein	4.177	56	59398	130.301	ug/l	96
14) Allyl chloride	5.024	41	148540	52.719	ug/l	96
15) Acrylonitrile	5.712	53	282966	250.690	ug/l	98
16) Acetone	4.424	43	205776	223.125	ug/l	97
17) Carbon Disulfide	4.712	76	312362	42.055	ug/l	97
18) Methyl Acetate	5.018	43	125360	54.939	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	381476	51.545	ug/l	98
20) Methylene Chloride	5.271	84	132081	48.956	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	120642	48.878	ug/l	97
22) Diisopropyl ether	6.671	45	341408	56.861	ug/l	98
23) Vinyl Acetate	6.600	43	1224524	269.030	ug/l	98
24) 1,1-Dichloroethane	6.565	63	222521	50.398	ug/l	99
25) 2-Butanone	7.483	43	323586	243.162	ug/l	94
26) 2,2-Dichloropropane	7.489	77	206211	48.511	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	143040	50.999	ug/l	97
28) Bromochloromethane	7.812	49	102800	54.954	ug/l	92
29) Tetrahydrofuran	7.841	42	221744	269.908	ug/l	95
30) Chloroform	7.965	83	237314	48.627	ug/l	99
31) Cyclohexane	8.253	56	182597	48.546	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	221624	47.974	ug/l	99
36) 1,1-Dichloropropene	8.371	75	165593	50.876	ug/l	99
37) Ethyl Acetate	7.553	43	135385	49.304	ug/l	98
38) Carbon Tetrachloride	8.359	117	202230	47.254	ug/l	96
39) Methylcyclohexane	9.600	83	165919	51.380	ug/l	95
40) Benzene	8.600	78	521423	51.031	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74789	57.039	ug/l	92
42) 1,2-Dichloroethane	8.665	62	164648	46.245	ug/l	98
43) Isopropyl Acetate	8.683	43	236568	39.757	ug/l	97
44) Trichloroethene	9.353	130	119759	45.223	ug/l	95
45) 1,2-Dichloropropane	9.618	63	126148	54.281	ug/l	98
46) Dibromomethane	9.706	93	89813	49.141	ug/l	98
47) Bromodichloromethane	9.882	83	190774	49.945	ug/l	97
48) Methyl methacrylate	9.677	41	105333	53.645	ug/l	98
49) 1,4-Dioxane	9.694	88	43986	947.626	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	713740	271.983	ug/l	97
52) Toluene	10.629	92	332420	53.008	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	189530	51.092	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	206087	52.656	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	124943	52.200	ug/l	96
56) Ethyl methacrylate	10.871	69	189092	50.535	ug/l	98
57) 1,3-Dichloropropane	11.159	76	210046	51.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	453674	303.804	ug/l	97
59) 2-Hexanone	11.194	43	512006	267.825	ug/l	97
60) Dibromochloromethane	11.359	129	153284	49.629	ug/l	97
61) 1,2-Dibromoethane	11.465	107	123870	50.410	ug/l	97
64) Tetrachloroethene	11.100	164	122569	47.415	ug/l	99
65) Chlorobenzene	11.888	112	354032	47.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	132166	47.947	ug/l	98
67) Ethyl Benzene	11.959	91	617220	52.035	ug/l	99
68) m/p-Xylenes	12.071	106	494834	106.138	ug/l	98
69) o-Xylene	12.394	106	231504	54.103	ug/l	98
70) Styrene	12.412	104	396450	54.244	ug/l	98
71) Bromoform	12.576	173	107151	46.500	ug/l #	100
73) Isopropylbenzene	12.694	105	578404	49.596	ug/l	99
74) N-amyl acetate	12.488	43	197982	50.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	176056	44.622	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	168683m	44.118	ug/l	
77) Bromobenzene	12.976	156	147609	45.392	ug/l	99
78) n-propylbenzene	13.035	91	687535	52.063	ug/l	98
79) 2-Chlorotoluene	13.123	91	428283	48.826	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	507224	51.514	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	70996	49.092	ug/l	94
82) 4-Chlorotoluene	13.218	91	437474	48.499	ug/l	98
83) tert-Butylbenzene	13.435	119	410309	48.723	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	516457	52.004	ug/l	100
85) sec-Butylbenzene	13.612	105	573679	52.220	ug/l	100
86) p-Isopropyltoluene	13.729	119	488648	52.545	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	278768	47.558	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	272468	44.242	ug/l	100
89) n-Butylbenzene	14.053	91	392516	51.832	ug/l	99
90) Hexachloroethane	14.329	117	94783	44.171	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	268310	46.046	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	34951	44.377	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	128657	43.911	ug/l	99
94) Hexachlorobutadiene	15.500	225	67567	39.749	ug/l	100
95) Naphthalene	15.635	128	383416	45.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	128041	46.056	ug/l	99

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ClientSampleId :
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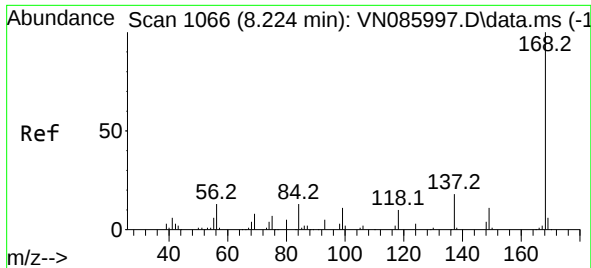
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/28/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

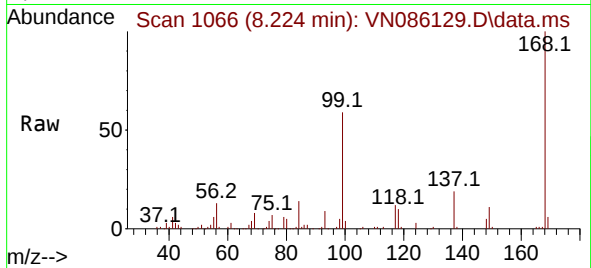
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086129.D
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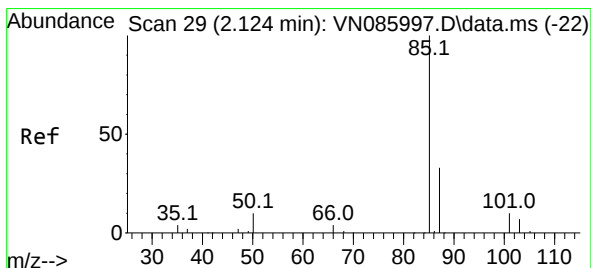
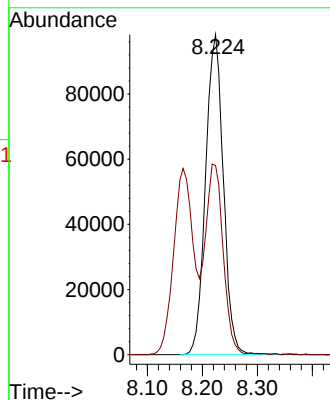
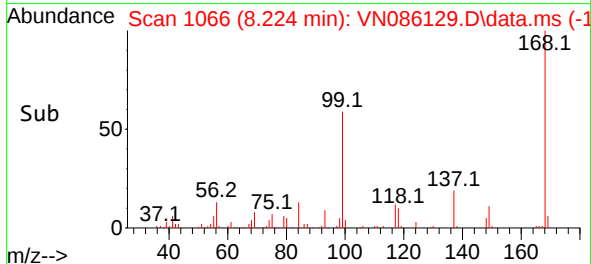
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion:168 Resp: 220456
Ion Ratio Lower Upper
168 100
99 59.1 49.4 74.2

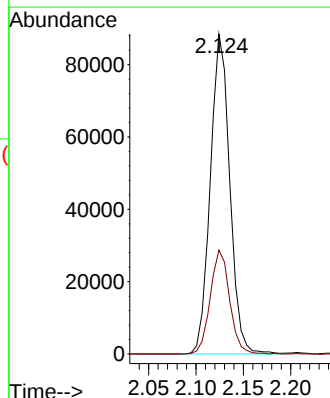
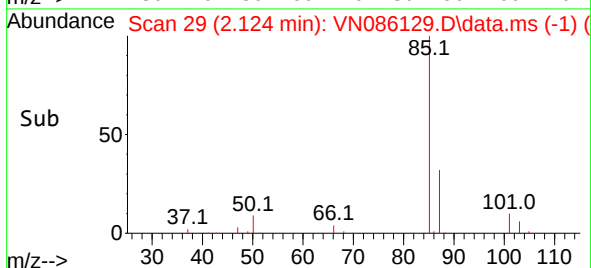
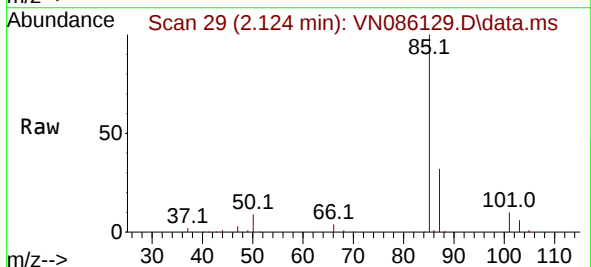
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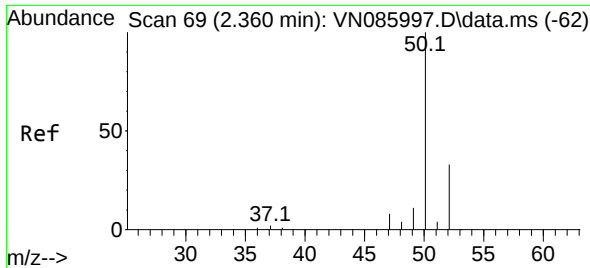
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 43.161 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

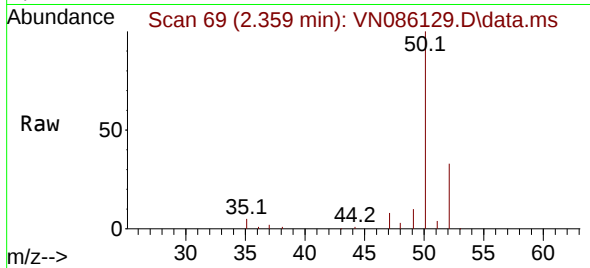
Tgt Ion: 85 Resp: 126056
Ion Ratio Lower Upper
85 100
87 32.4 16.5 49.5





#3
Chloromethane
Concen: 47.992 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

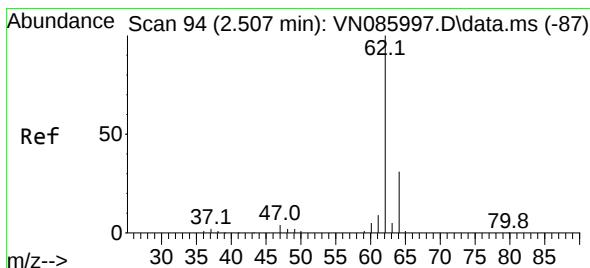
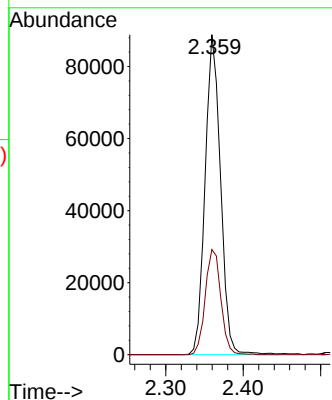
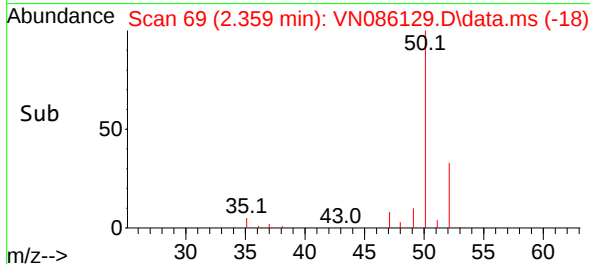
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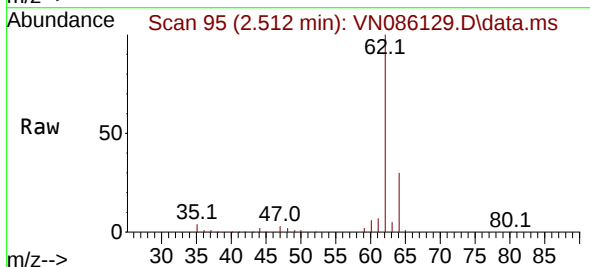
Tgt Ion: 50 Resp: 122879
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0

Manual Integrations
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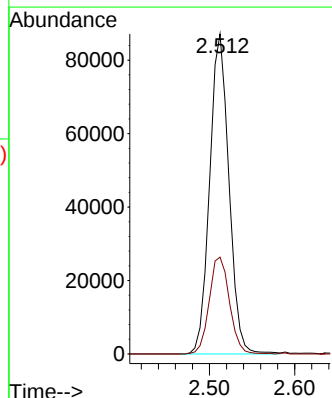
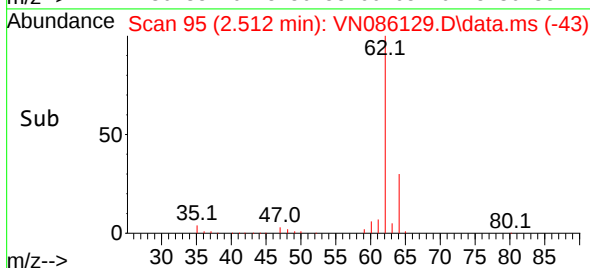
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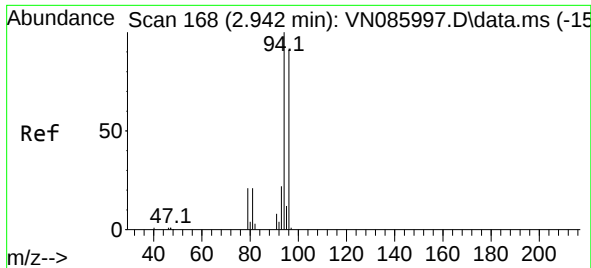


#4
Vinyl Chloride
Concen: 52.264 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



Tgt Ion: 62 Resp: 136825
Ion Ratio Lower Upper
62 100
64 30.2 25.2 37.8





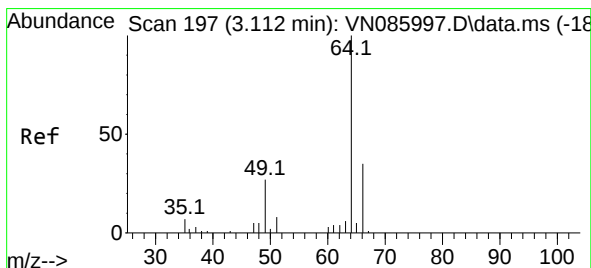
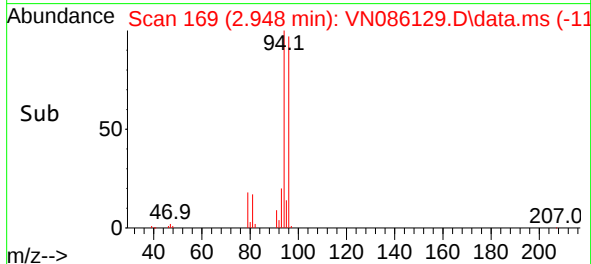
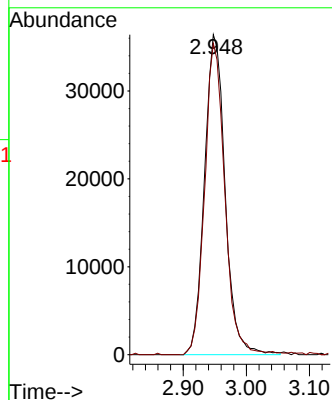
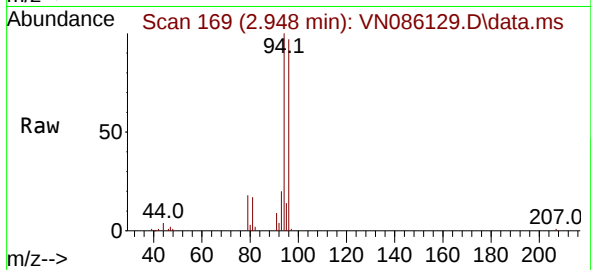
#5
Bromomethane
Concen: 46.273 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 8251
Ion Ratio Lower Upper
94 100
96 97.2 72.8 109.2

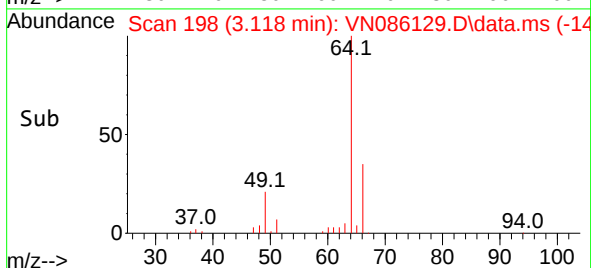
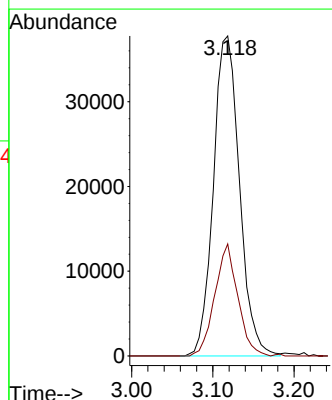
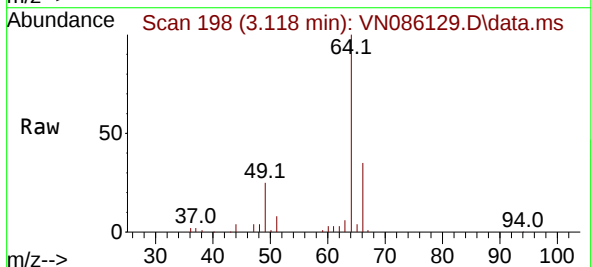
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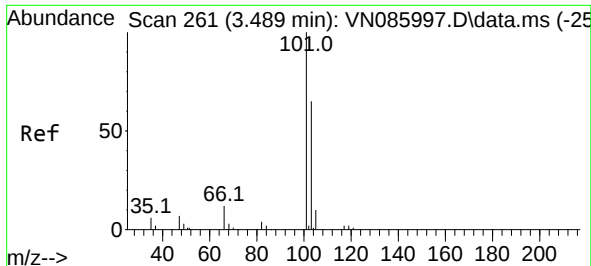
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#6
Chloroethane
Concen: 51.104 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion: 64 Resp: 84400
Ion Ratio Lower Upper
64 100
66 35.0 28.3 42.5





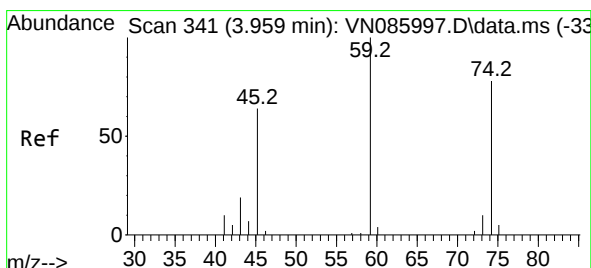
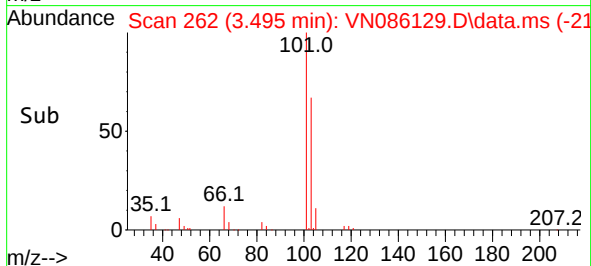
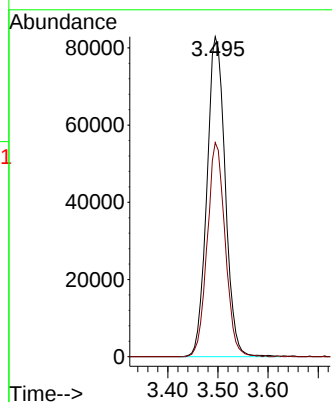
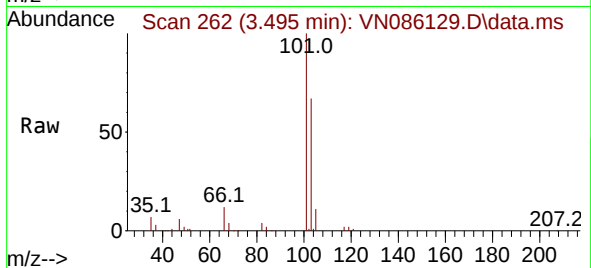
#7
Trichlorofluoromethane
Concen: 44.683 ug/l
RT: 3.495 min Scan# 210285
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion:101 Resp: 210285
Ion Ratio Lower Upper
101 100
103 66.9 51.7 77.5

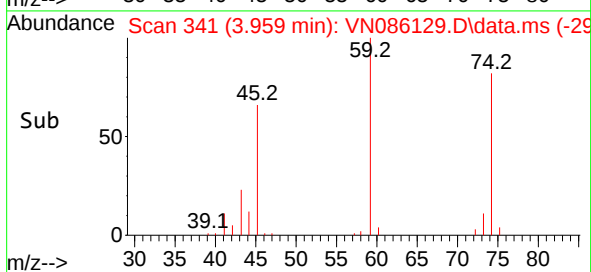
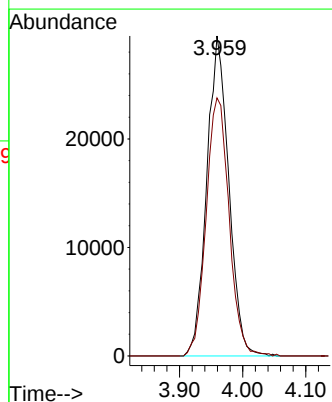
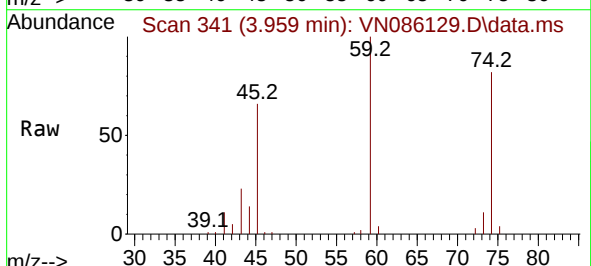
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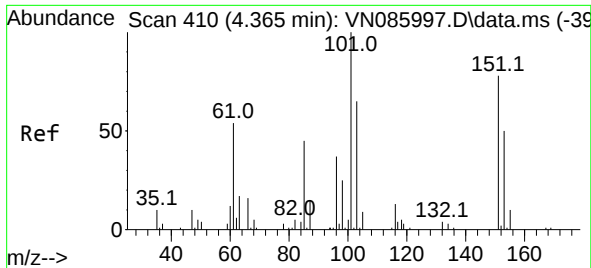
Reviewed By :John Carlone 03/28/2025
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#8
Diethyl Ether
Concen: 49.443 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion: 74 Resp: 71232
Ion Ratio Lower Upper
74 100
45 84.4 38.0 113.9





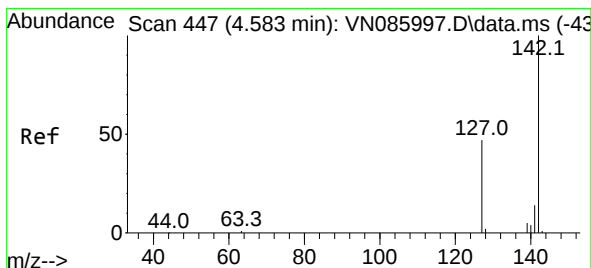
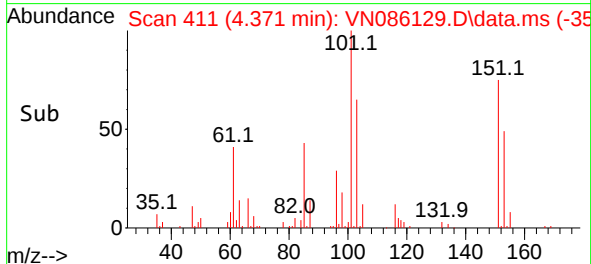
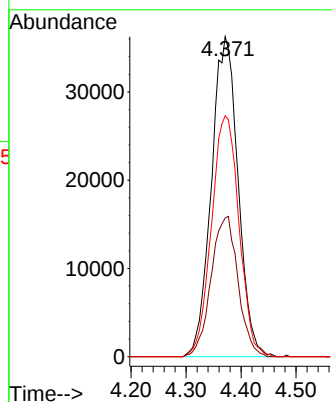
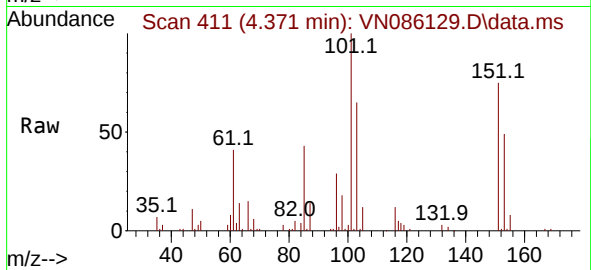
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.919 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion:101 Resp: 122350
Ion Ratio Lower Upper
101 100
85 44.2 36.5 54.7
151 77.6 63.4 95.0

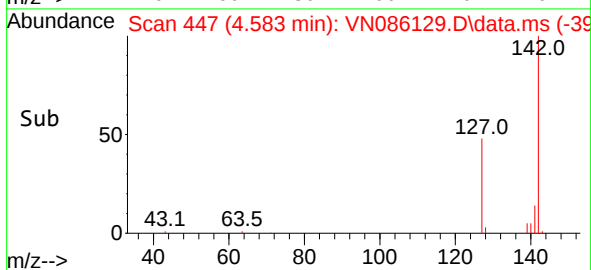
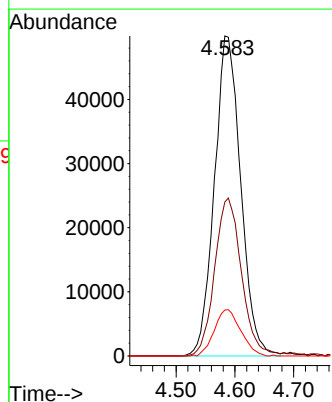
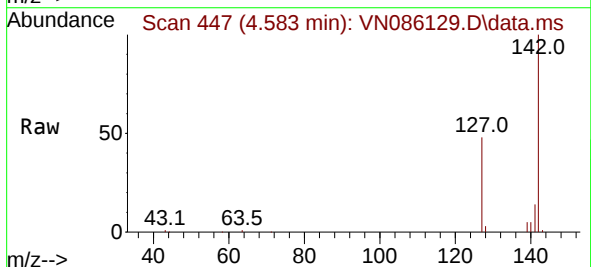
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 47.504 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion:142 Resp: 154817
Ion Ratio Lower Upper
142 100
127 48.1 37.5 56.3
141 14.4 11.0 16.6





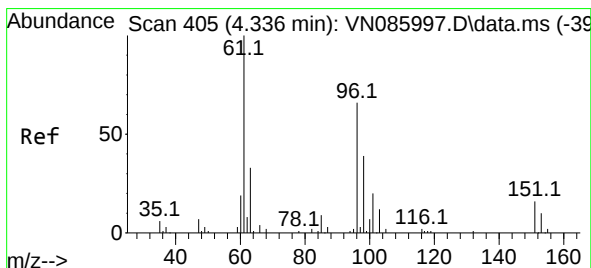
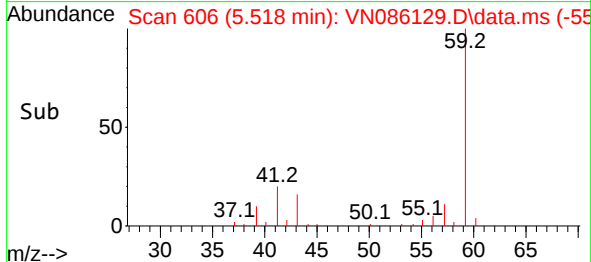
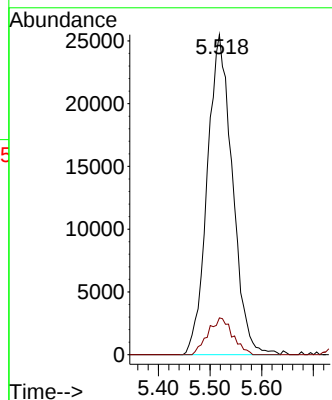
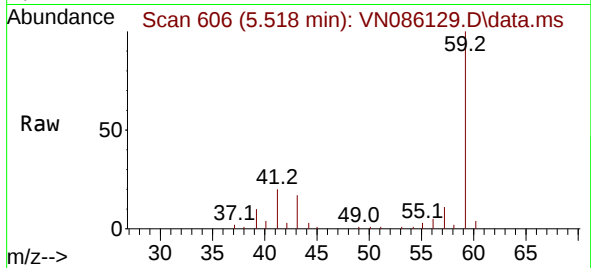
#11
Tert butyl alcohol
Concen: 201.413 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion: 59 Resp: 8608
Ion Ratio Lower Upper
59 100
57 11.3 7.9 11.9

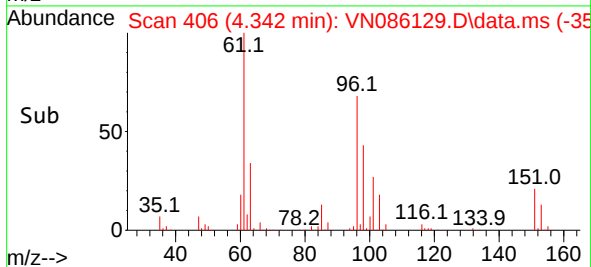
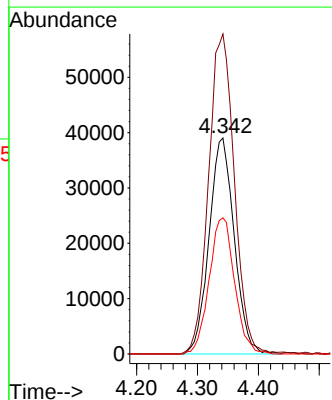
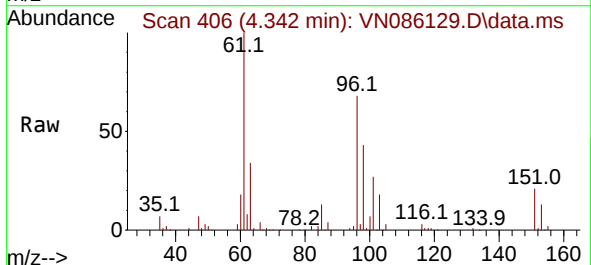
Manual Integrations
APPROVED

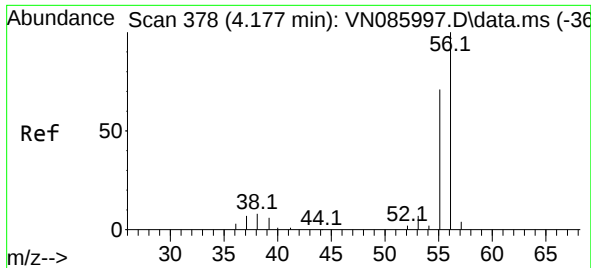
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#12
1,1-Dichloroethene
Concen: 49.713 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion: 96 Resp: 112278
Ion Ratio Lower Upper
96 100
61 148.1 120.5 180.7
98 63.0 47.4 71.0





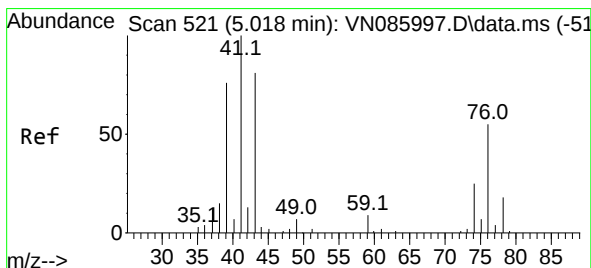
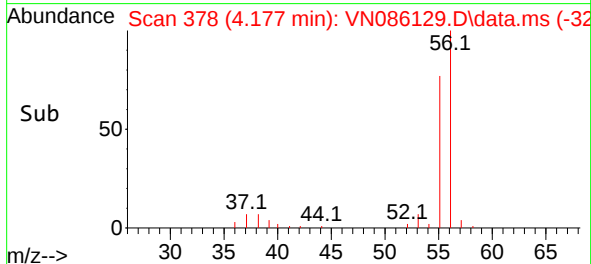
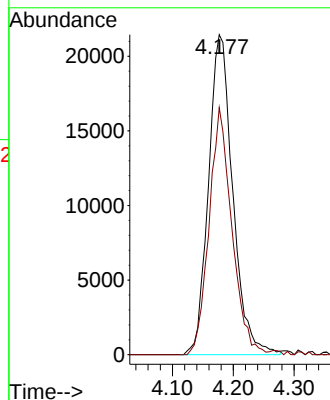
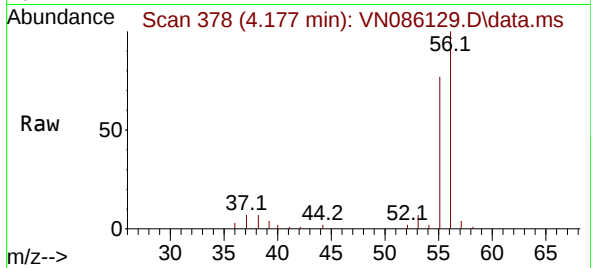
#13
Acrolein
Concen: 130.301 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion: 56 Resp: 59398
Ion Ratio Lower Upper
56 100
55 72.4 55.1 82.7

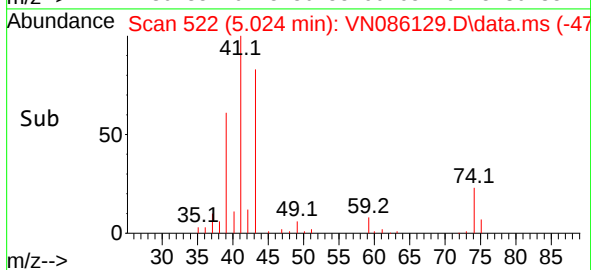
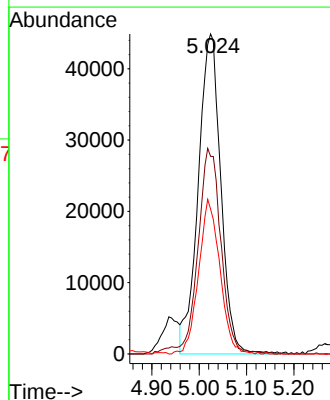
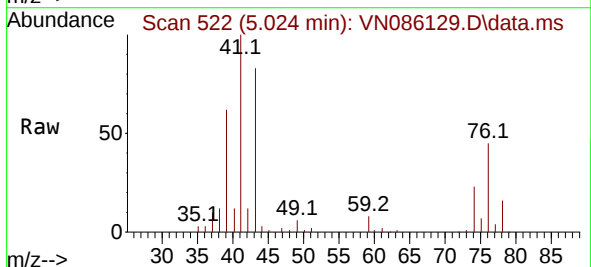
Manual Integrations
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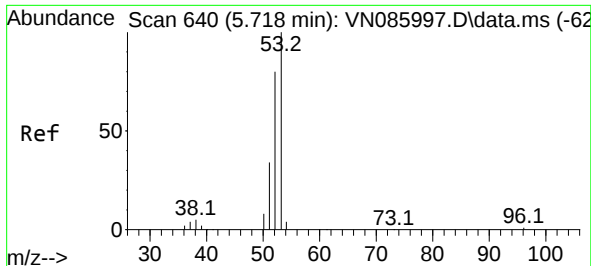
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#14
Allyl chloride
Concen: 52.719 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

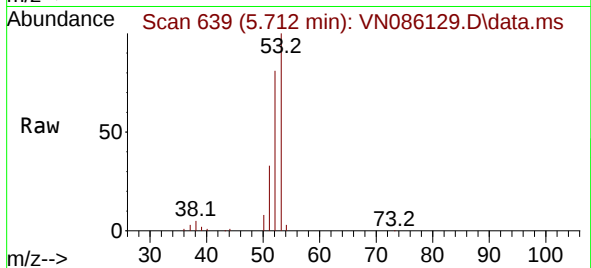
Tgt Ion: 41 Resp: 148540
Ion Ratio Lower Upper
41 100
39 66.1 55.5 83.3
76 45.5 39.1 58.7





#15
Acrylonitrile
Concen: 250.690 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

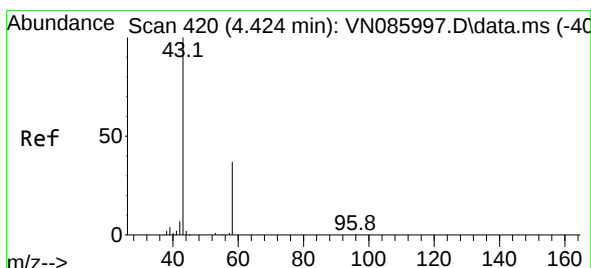
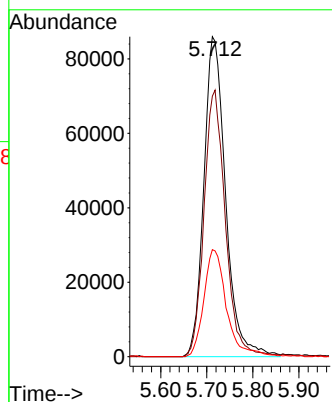
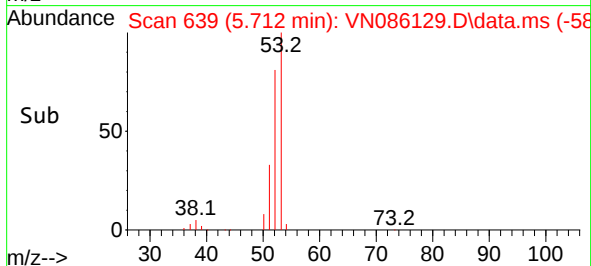
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion: 53 Resp: 282960
Ion Ratio Lower Upper
53 100
52 81.5 63.9 95.9
51 35.0 27.1 40.7

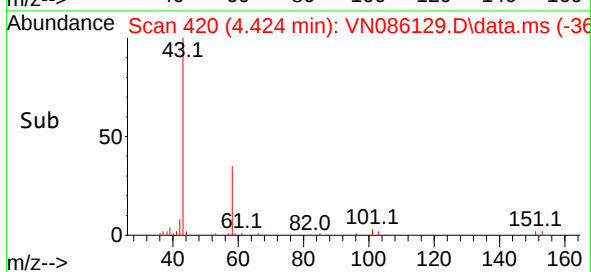
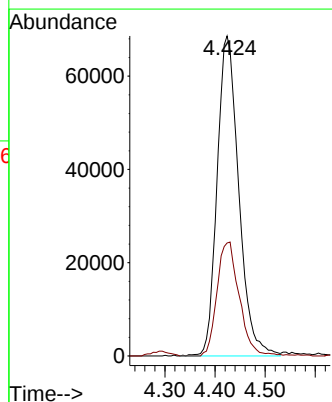
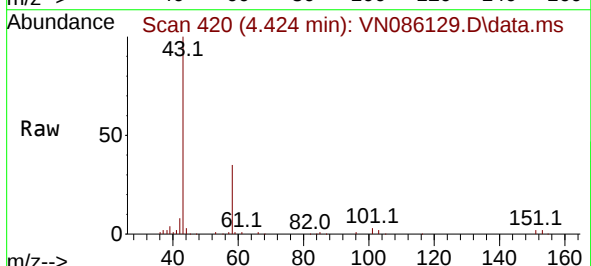
Manual Integrations
APPROVED

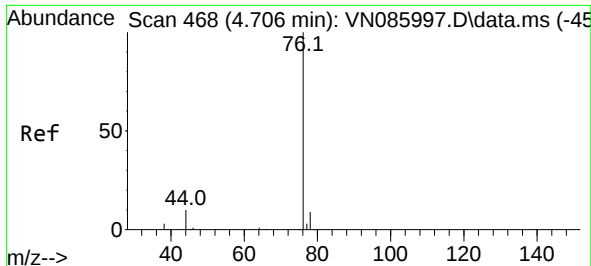
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 223.125 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion: 43 Resp: 205776
Ion Ratio Lower Upper
43 100
58 35.3 29.4 44.2





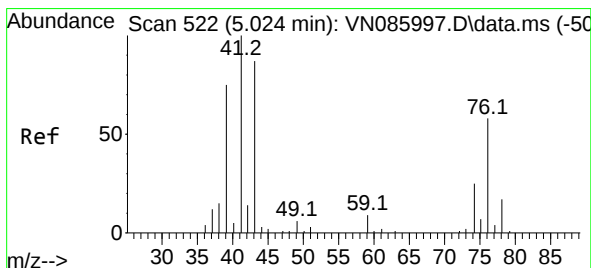
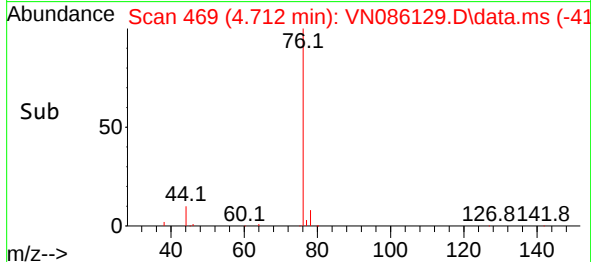
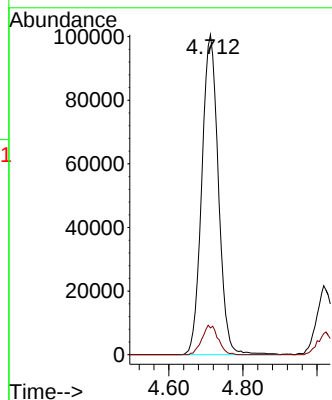
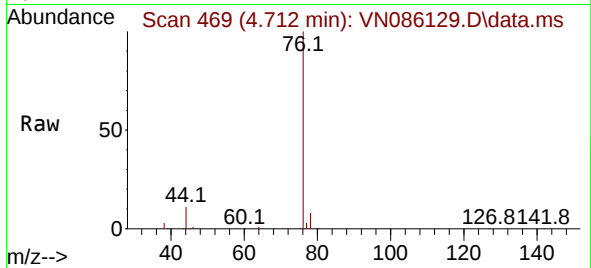
#17
Carbon Disulfide
Concen: 42.055 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion: 76 Resp: 312362
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

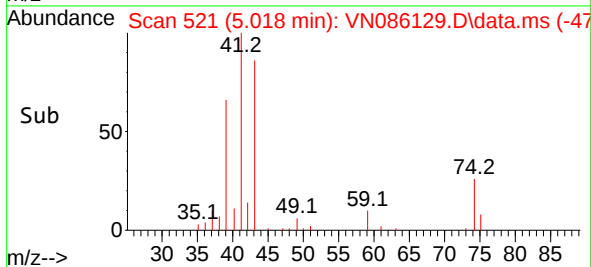
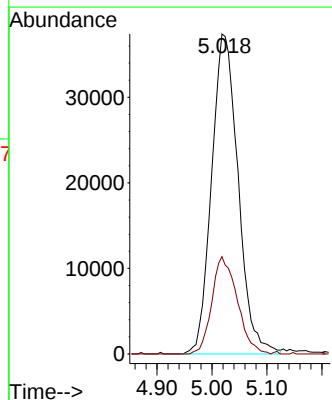
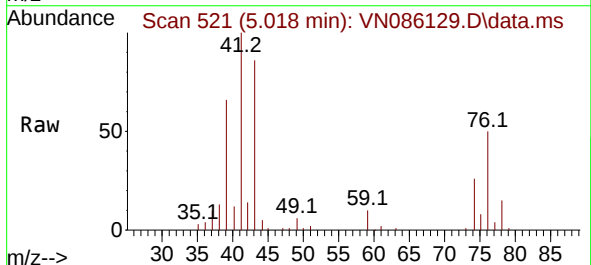
Manual Integrations
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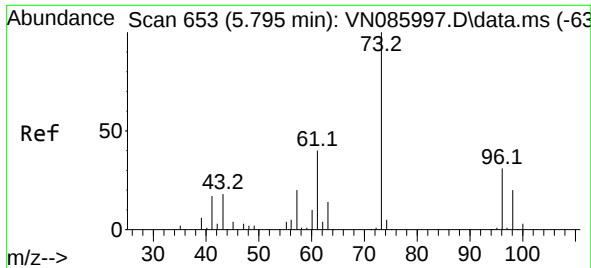
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 54.939 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

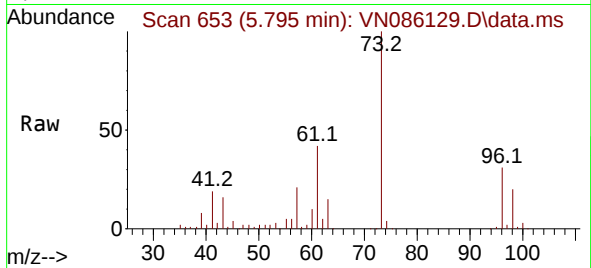
Tgt Ion: 43 Resp: 125360
Ion Ratio Lower Upper
43 100
74 29.0 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 51.545 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

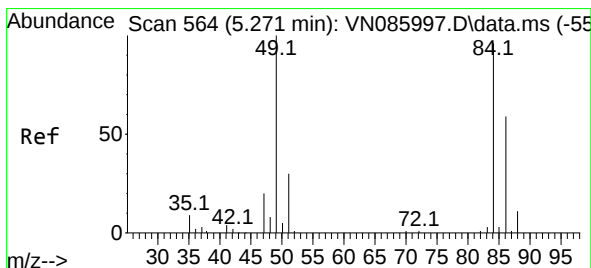
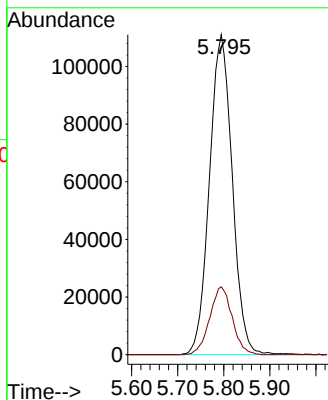
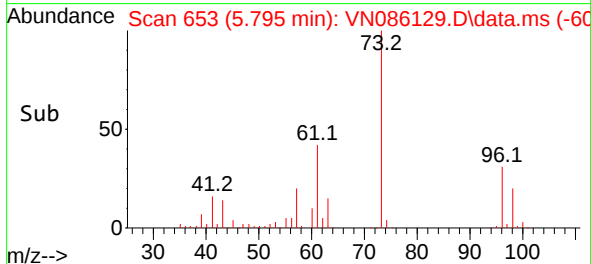
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion: 73 Resp: 381470
Ion Ratio Lower Upper
73 100
57 21.2 16.1 24.1

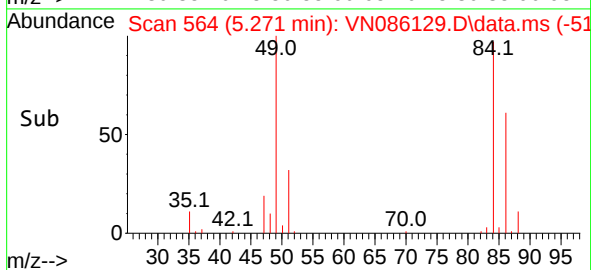
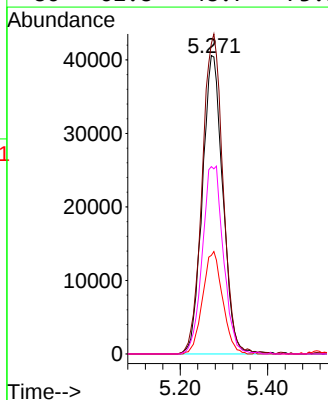
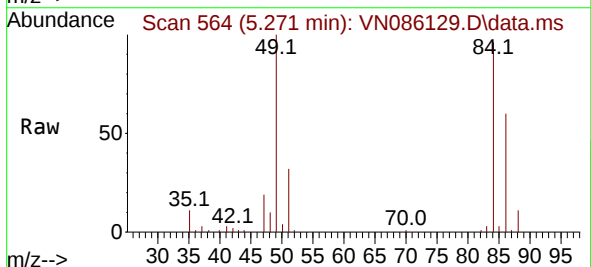
Manual Integrations
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Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 48.956 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

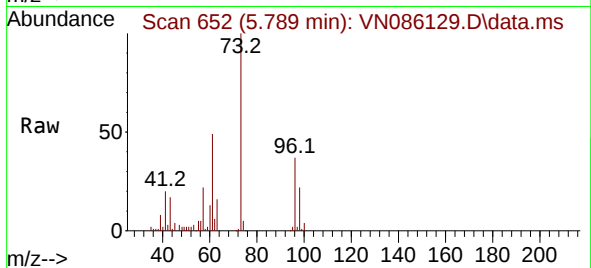
Tgt Ion: 84 Resp: 132081
Ion Ratio Lower Upper
84 100
49 104.0 83.3 124.9
51 33.1 24.8 37.2
86 62.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 48.878 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

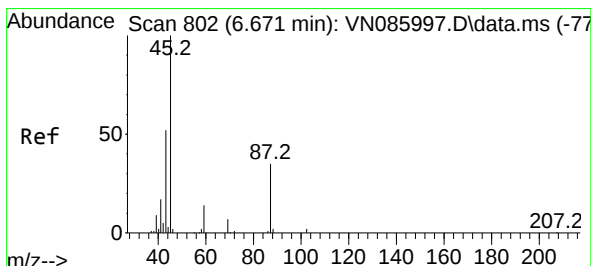
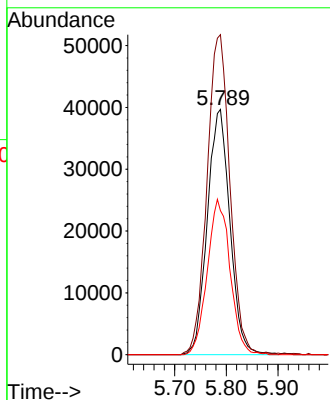
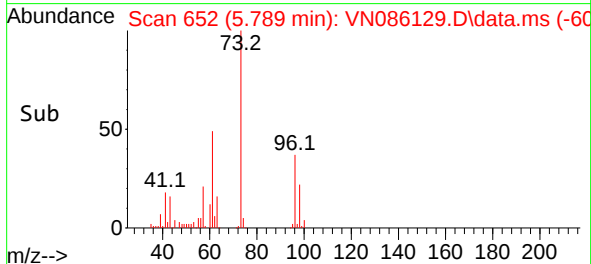
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion: 96 Resp: 12064
Ion Ratio Lower Upper
96 100
61 130.5 106.6 160.0
98 58.7 50.0 75.0

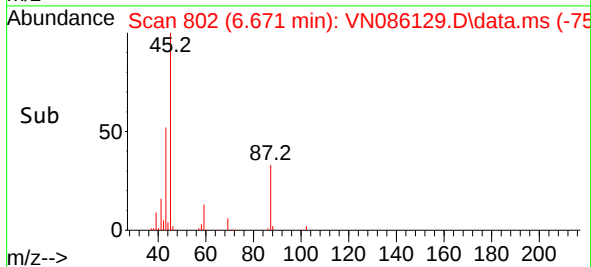
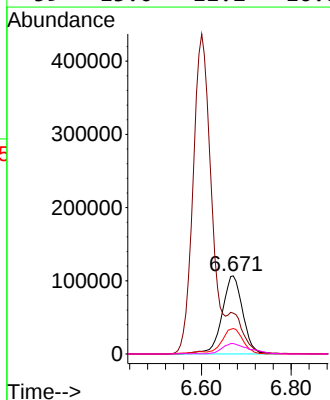
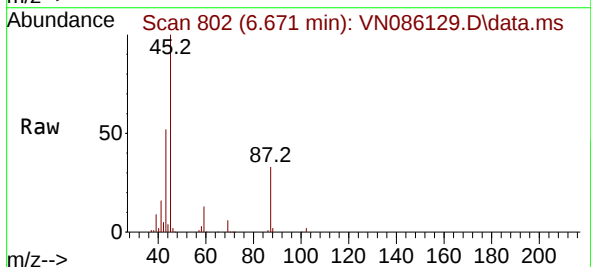
Manual Integrations
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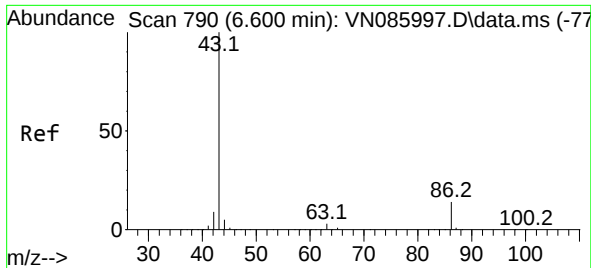
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 56.861 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion: 45 Resp: 341408
Ion Ratio Lower Upper
45 100
43 51.3 41.2 61.8
87 32.4 28.5 42.7
59 13.0 11.2 16.8





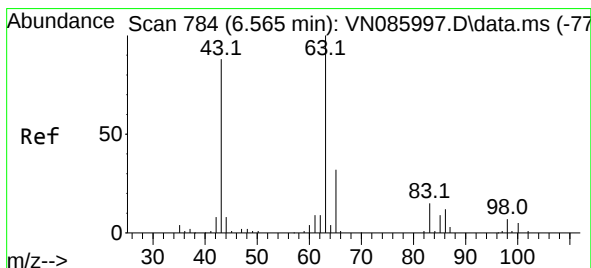
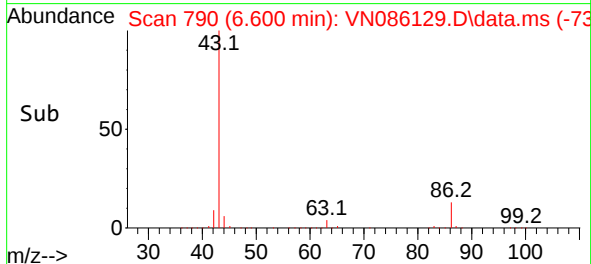
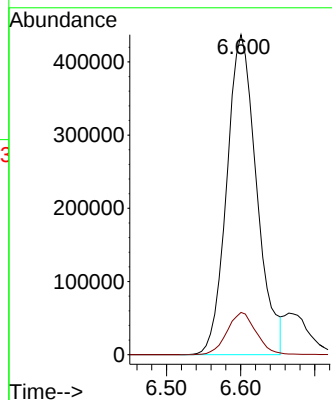
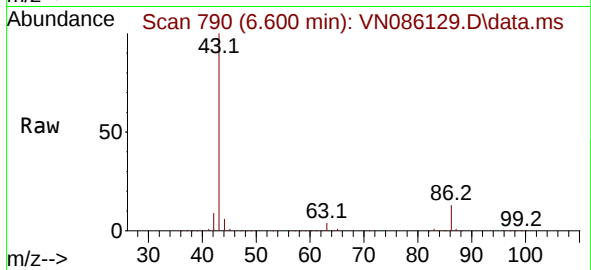
#23
 Vinyl Acetate
 Concen: 269.030 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086129.D
 Acq: 26 Mar 2025 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS03

Tgt Ion: 43 Resp: 1224524
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.2 16.8

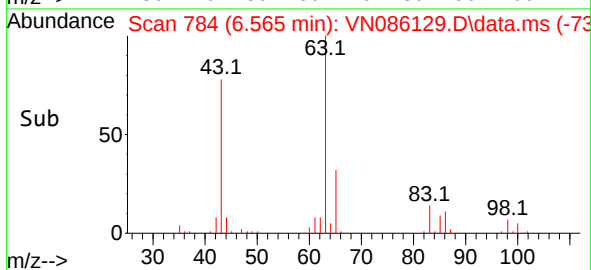
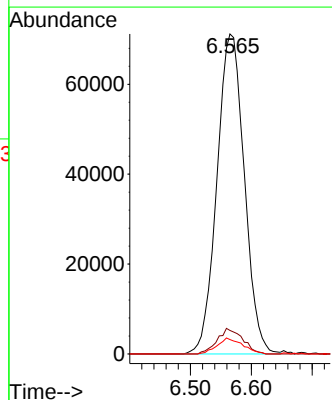
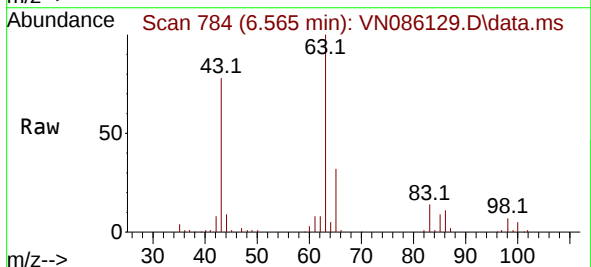
Manual Integrations
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Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#24
 1,1-Dichloroethane
 Concen: 50.398 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086129.D
 Acq: 26 Mar 2025 16:24

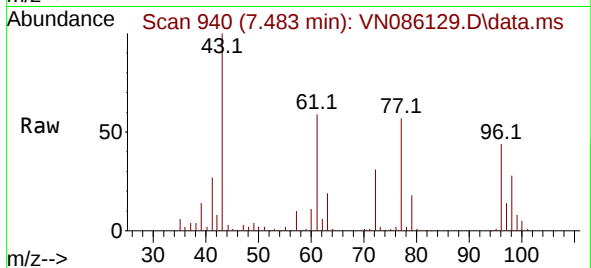
Tgt Ion: 63 Resp: 222521
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.5 2.5 7.5





#25
2-Butanone
Concen: 243.162 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

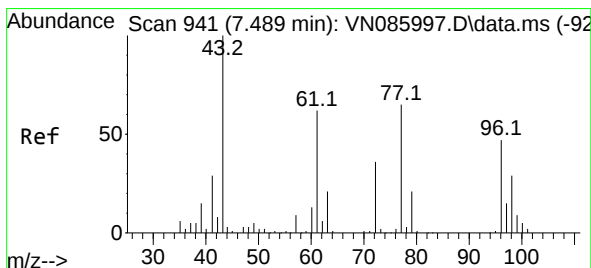
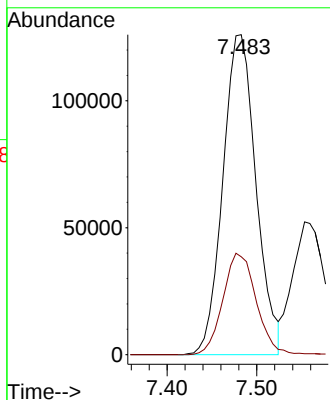
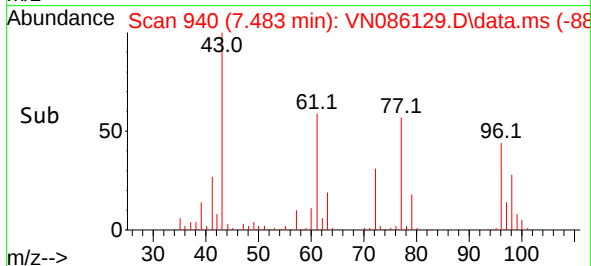
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



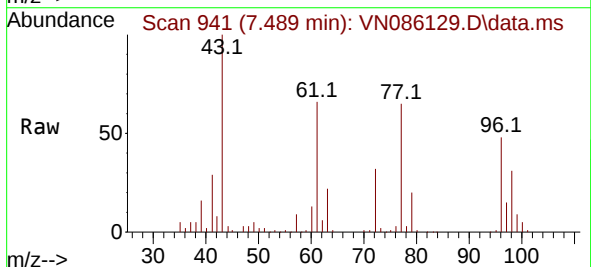
Tgt Ion: 43 Resp: 323580
Ion Ratio Lower Upper
43 100
72 30.6 27.4 41.0

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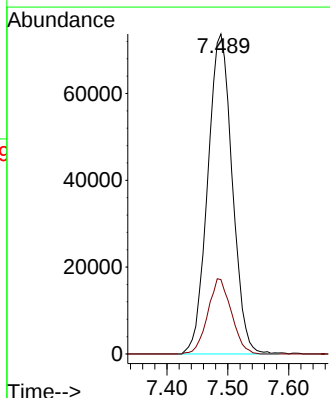
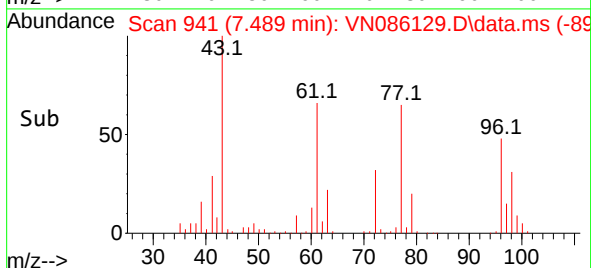
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

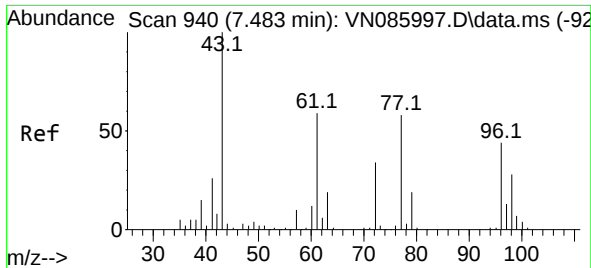


#26
2,2-Dichloropropane
Concen: 48.511 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



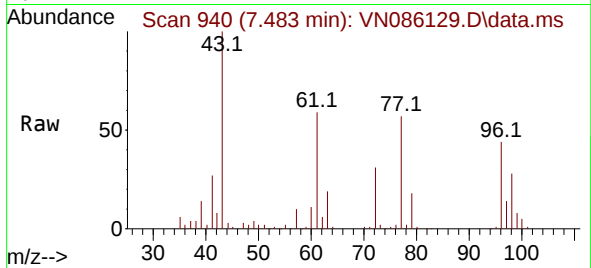
Tgt Ion: 77 Resp: 206211
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 50.999 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086129.D
 Acq: 26 Mar 2025 16:24

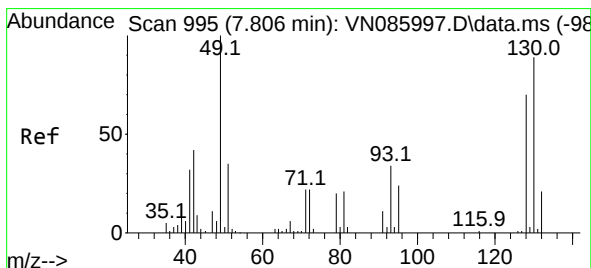
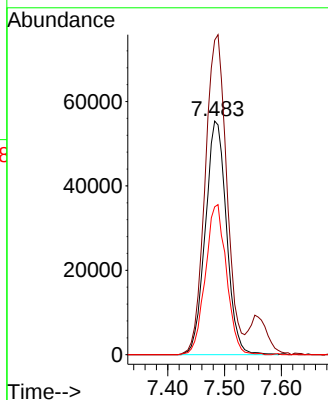
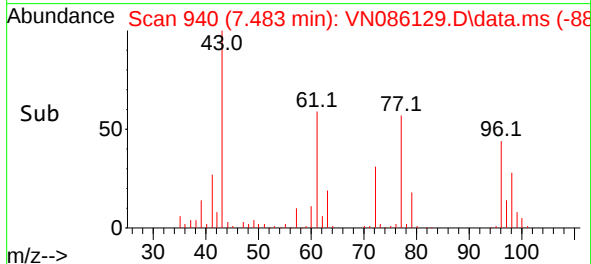
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS03



Tgt Ion: 96 Resp: 143040
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 272.8
 98 64.1 0.0 124.8

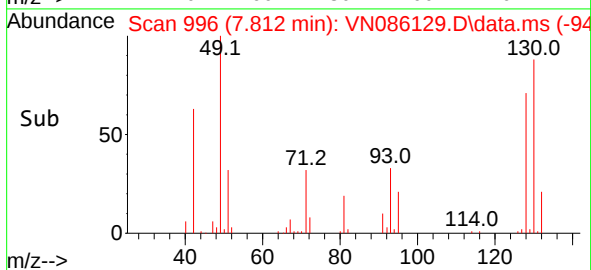
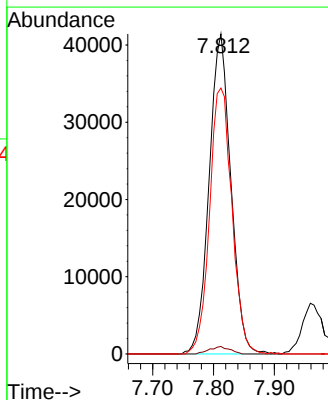
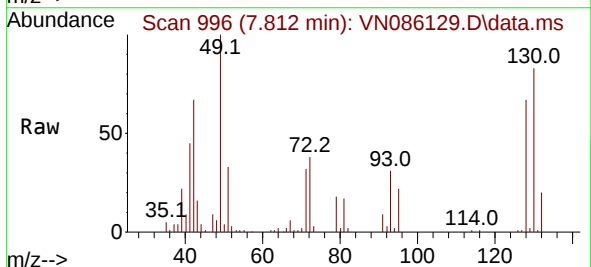
Manual Integrations
 APPROVED

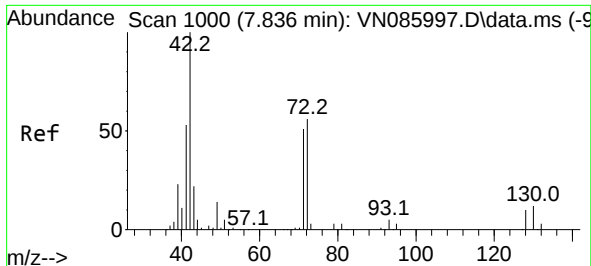
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#28
 Bromochloromethane
 Concen: 54.954 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086129.D
 Acq: 26 Mar 2025 16:24

Tgt Ion: 49 Resp: 102800
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 85.4 74.2 111.4





#29

Tetrahydrofuran

Concen: 269.908 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS03

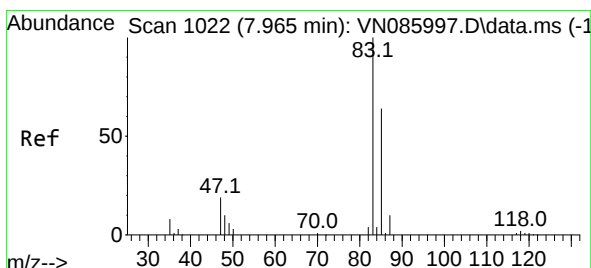
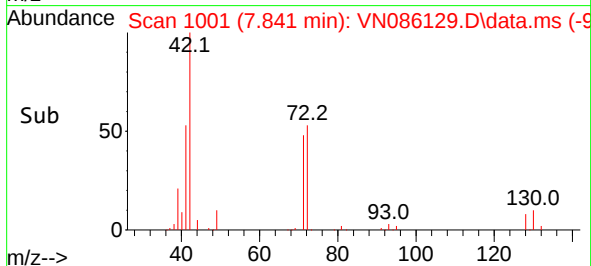
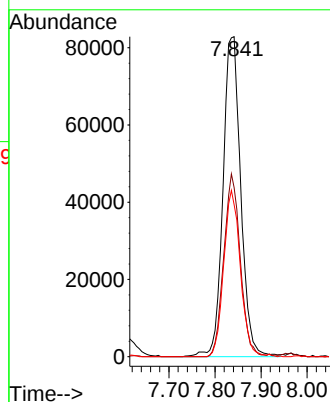
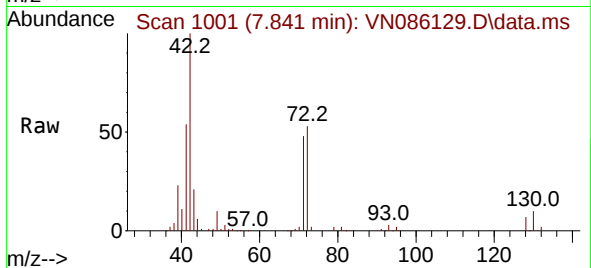
Tgt Ion:	42	Resp:	22174
Ion	Ratio	Lower	Upper
42	100		
72	52.8	45.0	67.4
71	48.7	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 48.627 ug/l

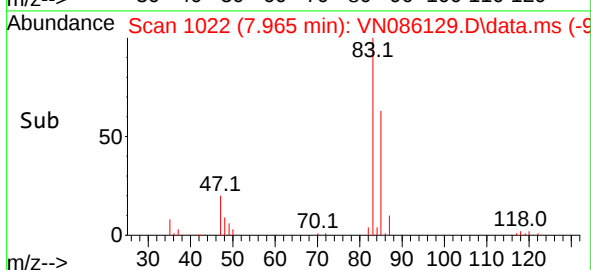
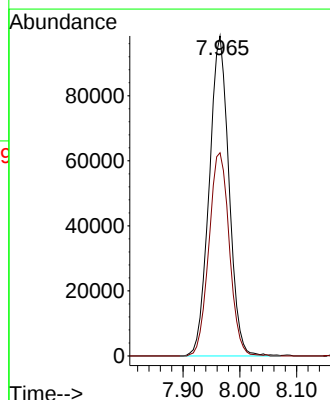
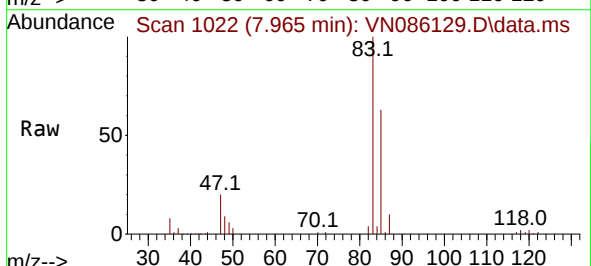
RT: 7.965 min Scan# 1022

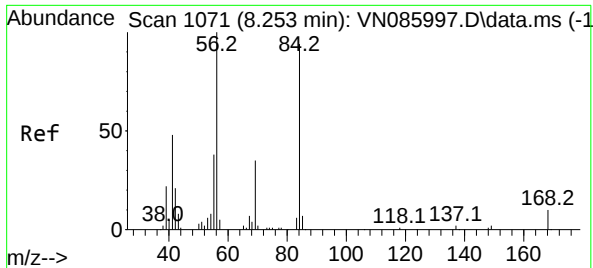
Delta R.T. -0.000 min

Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

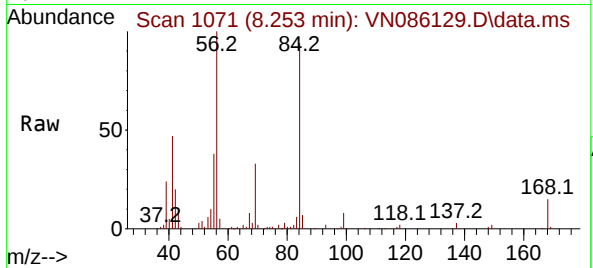
Tgt Ion:	83	Resp:	237314
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





#31
Cyclohexane
Concen: 48.546 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

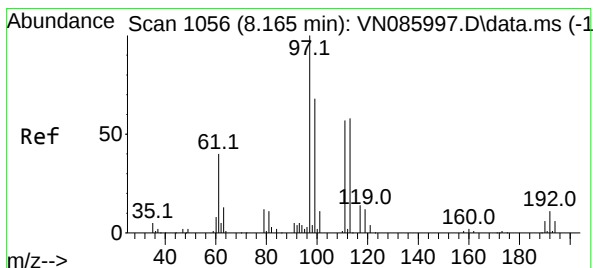
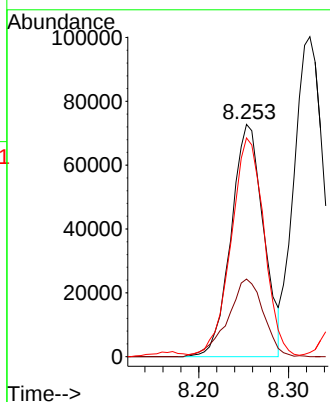
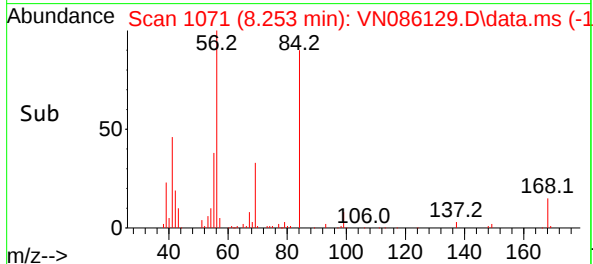
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



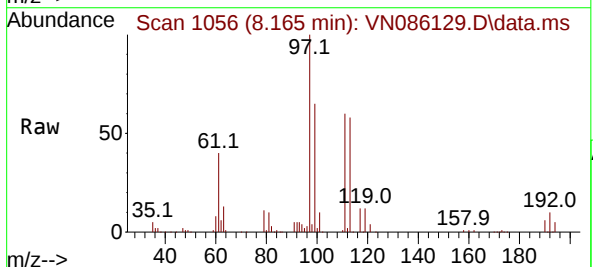
Tgt Ion: 56 Resp: 182597
Ion Ratio Lower Upper
56 100
69 33.4 28.0 42.0
84 92.8 75.0 112.6

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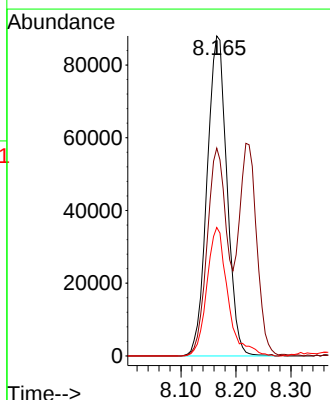
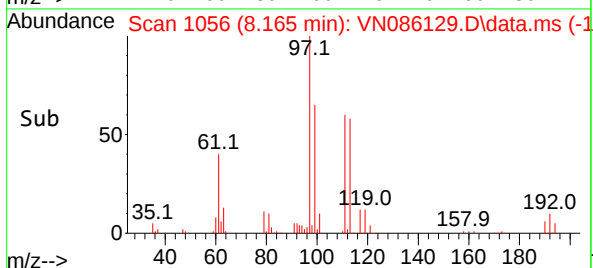
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#32
1,1,1-Trichloroethane
Concen: 47.974 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



Tgt Ion: 97 Resp: 221624
Ion Ratio Lower Upper
97 100
99 65.0 52.8 79.2
61 42.2 33.6 50.4





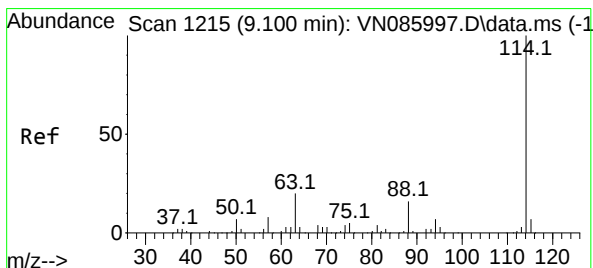
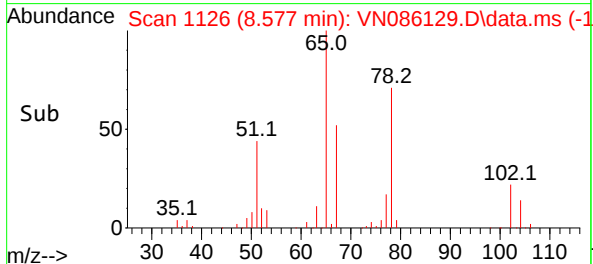
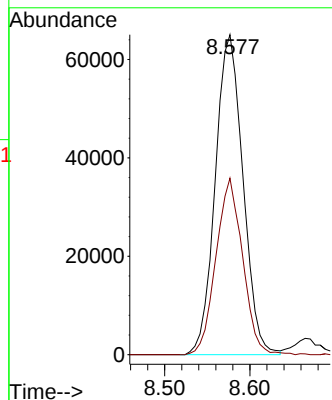
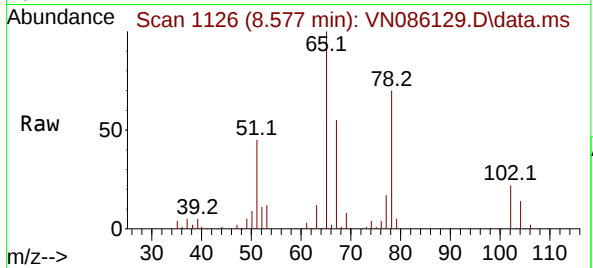
#33
1,2-Dichloroethane-d4
Concen: 48.708 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion: 65 Resp: 147036
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.2

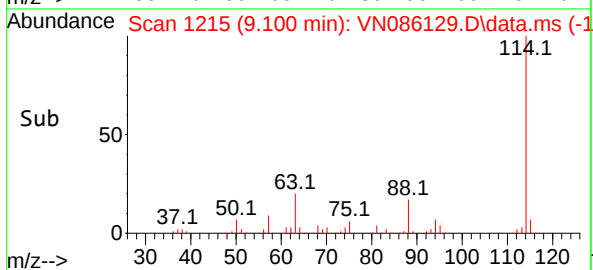
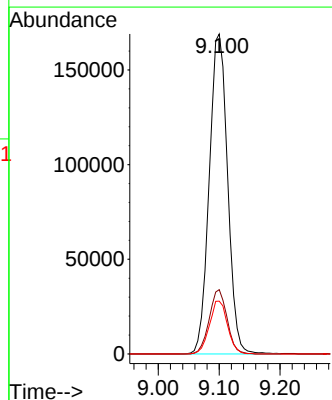
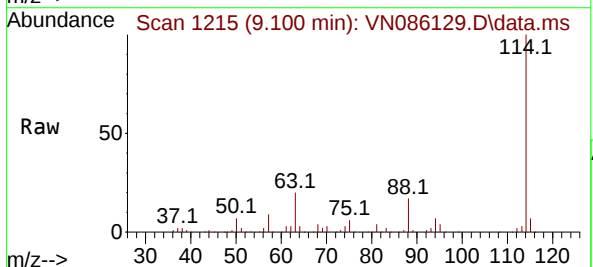
Manual Integrations
APPROVED

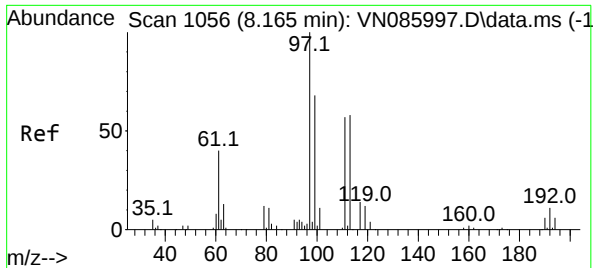
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

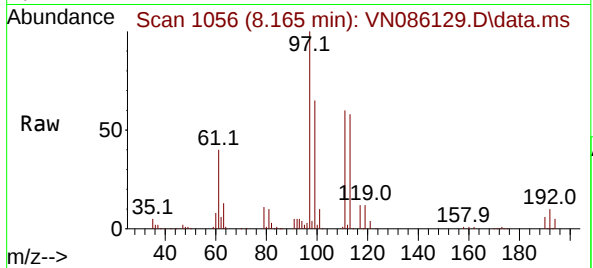
Tgt Ion:114 Resp: 354144
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 16.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.479 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

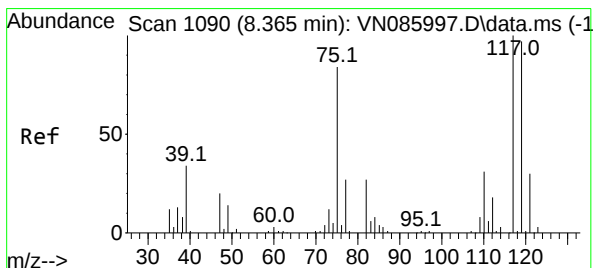
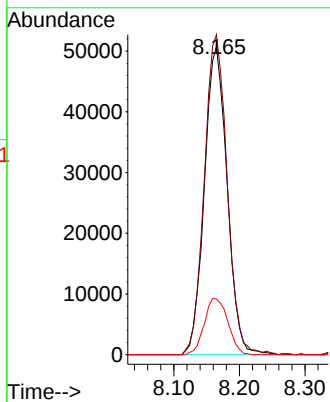
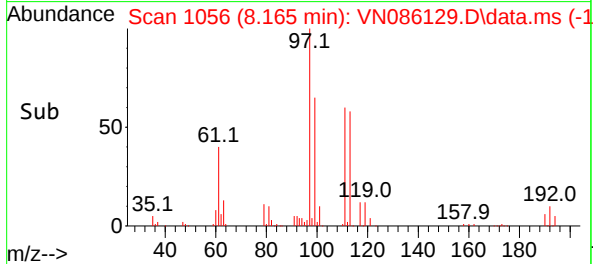
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



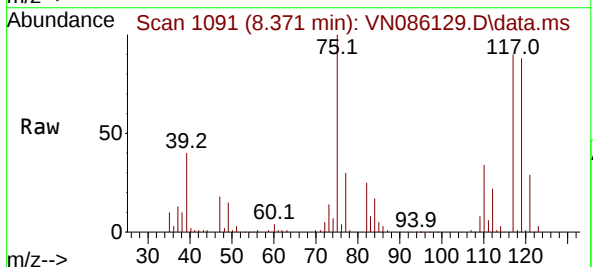
Tgt Ion: 113 Resp: 122307
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.8
192 18.9 15.9 23.9

Manual Integrations
APPROVED

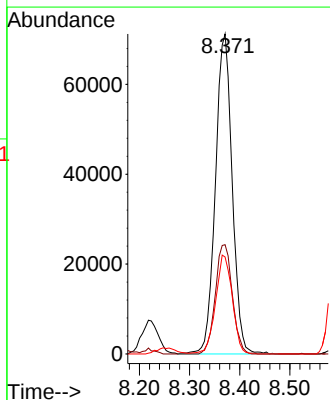
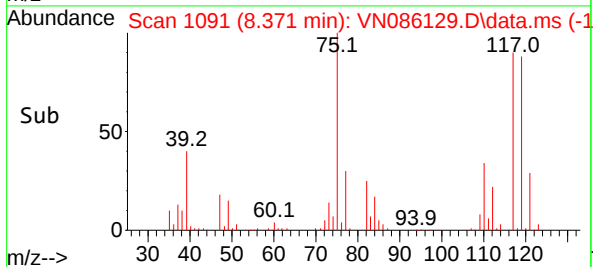
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

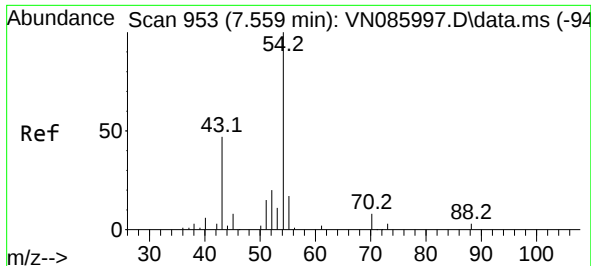


#36
1,1-Dichloropropene
Concen: 50.876 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



Tgt Ion: 75 Resp: 165593
Ion Ratio Lower Upper
75 100
110 34.6 17.8 53.3
77 30.7 25.0 37.4





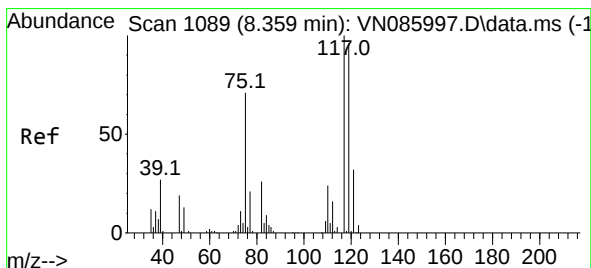
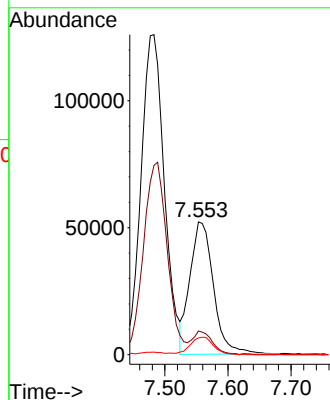
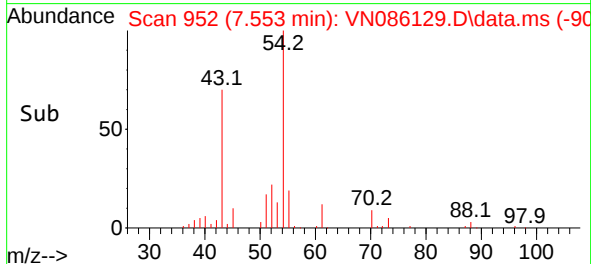
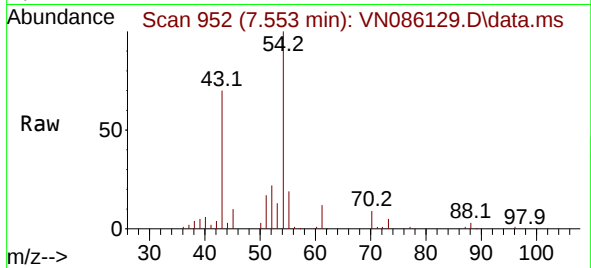
#37
Ethyl Acetate
Concen: 49.304 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion: 43 Resp: 13538
Ion Ratio Lower Upper
43 100
61 14.9 13.0 19.4
70 13.1 11.0 16.6

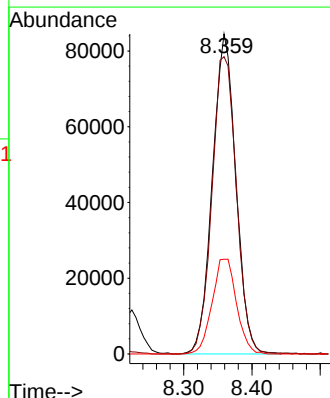
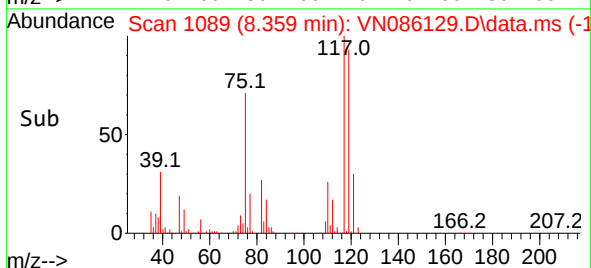
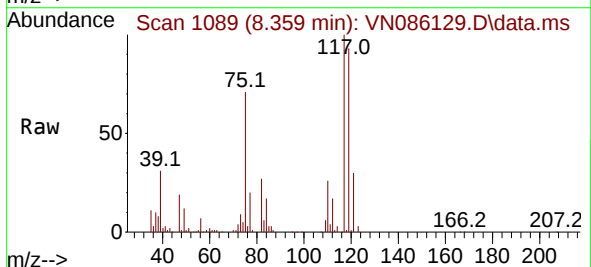
Manual Integrations
APPROVED

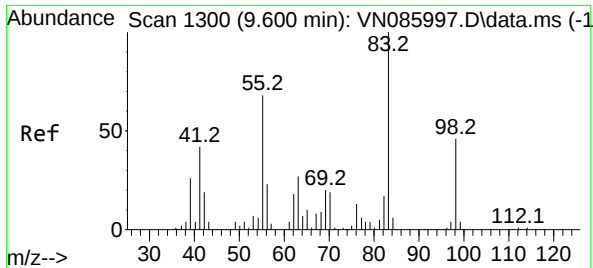
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#38
Carbon Tetrachloride
Concen: 47.254 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

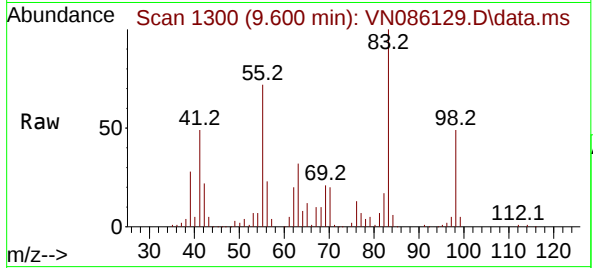
Tgt Ion:117 Resp: 202230
Ion Ratio Lower Upper
117 100
119 92.9 77.0 115.4
121 29.6 25.6 38.4





#39
Methylcyclohexane
Concen: 51.380 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

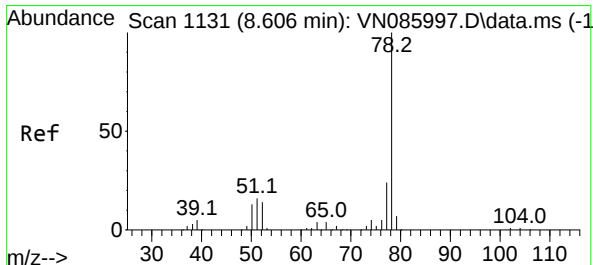
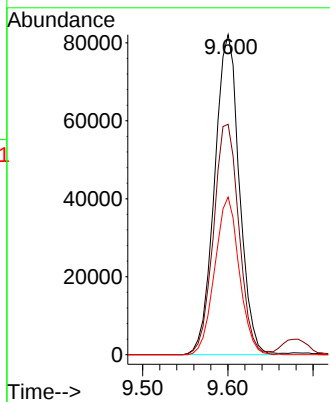
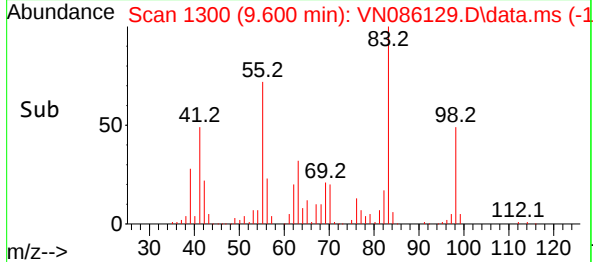
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion: 83 Resp: 165919
Ion Ratio Lower Upper
83 100
55 72.0 54.2 81.2
98 49.2 37.1 55.7

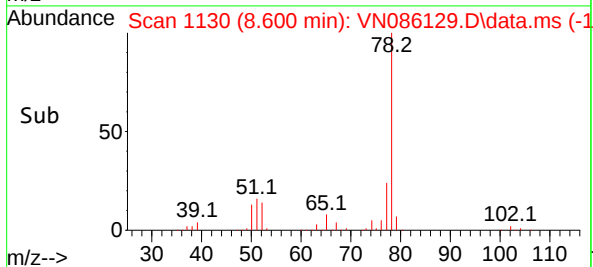
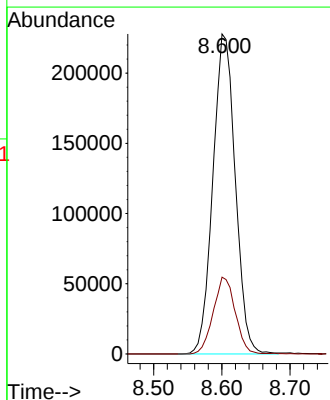
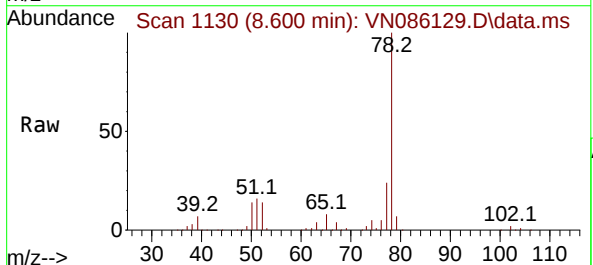
Manual Integrations
APPROVED

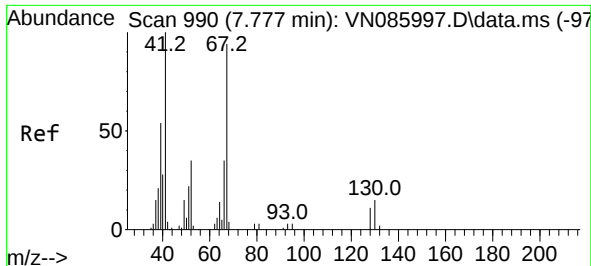
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#40
Benzene
Concen: 51.031 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

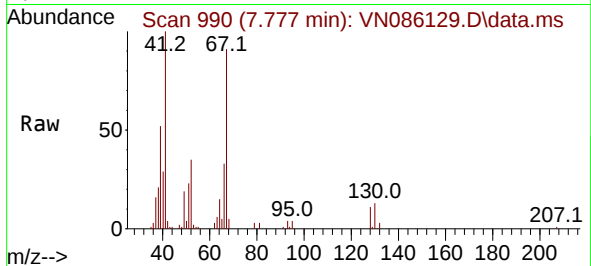
Tgt Ion: 78 Resp: 521423
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3





#41
Methacrylonitrile
Concen: 57.039 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

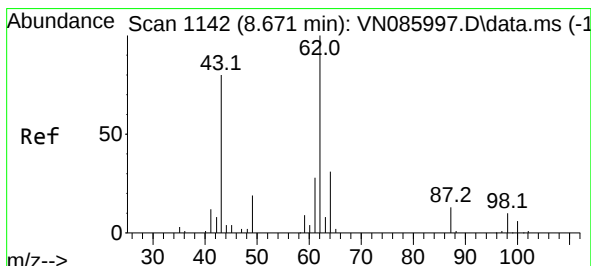
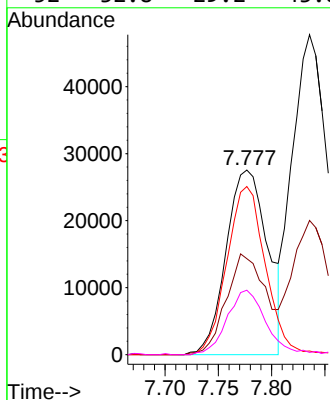
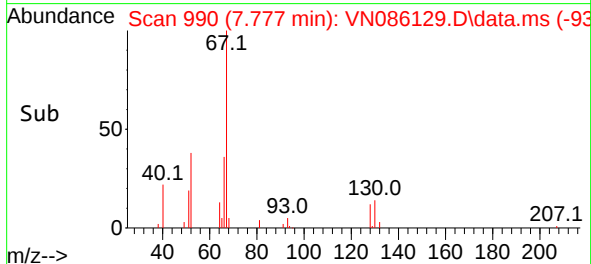
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion: 41 Resp: 74789
Ion Ratio Lower Upper
41 100
39 52.6 46.2 69.2
67 85.2 75.9 113.9
52 32.8 29.2 43.8

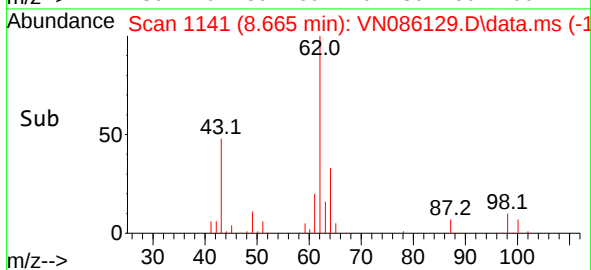
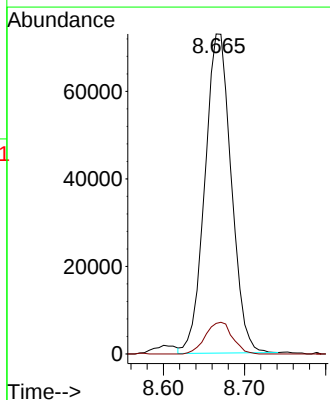
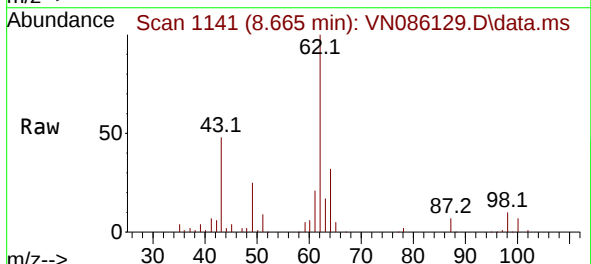
Manual Integrations
APPROVED

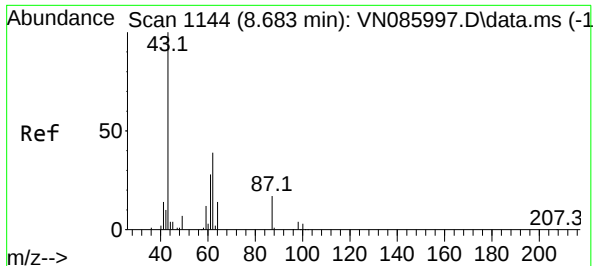
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 46.245 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion: 62 Resp: 164648
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.6





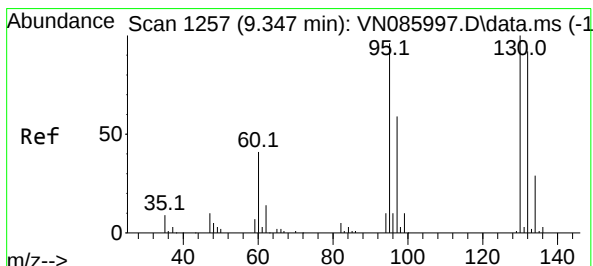
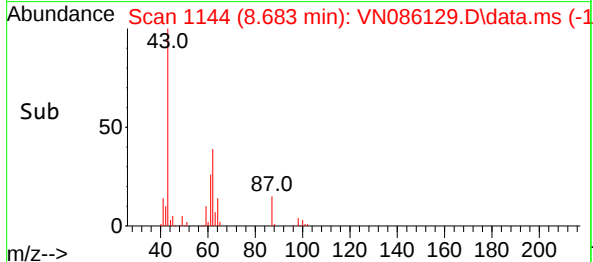
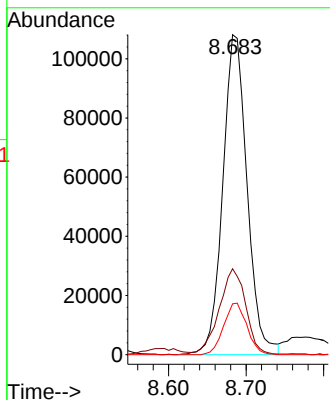
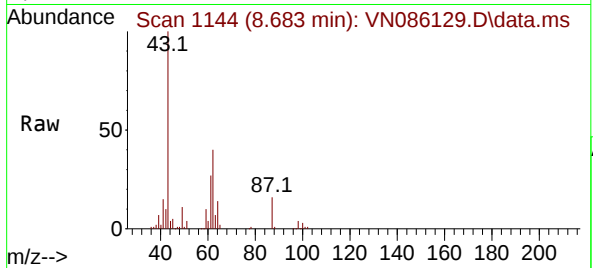
#43
Isopropyl Acetate
Concen: 39.757 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion: 43 Resp: 236568
Ion Ratio Lower Upper
43 100
61 28.9 25.0 37.6
87 15.4 13.0 19.4

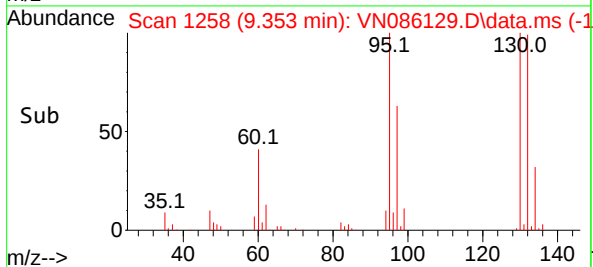
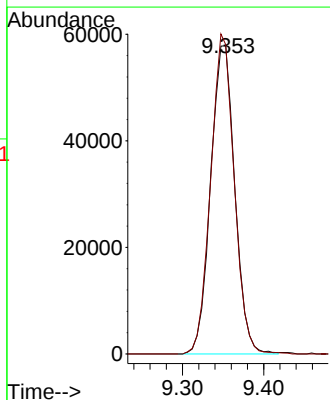
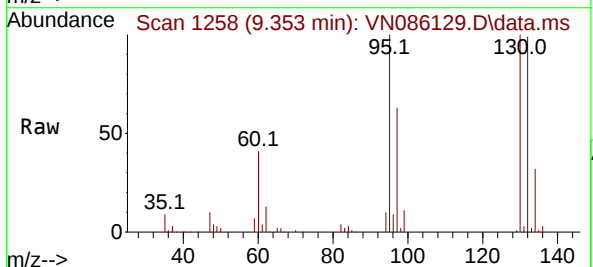
Manual Integrations
APPROVED

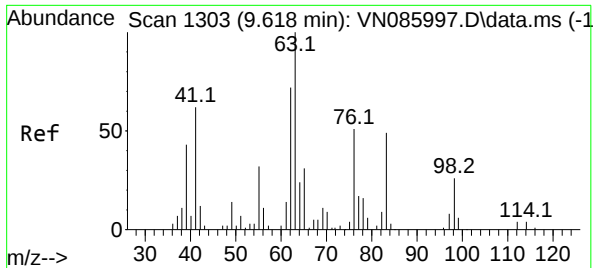
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44
Trichloroethene
Concen: 45.223 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

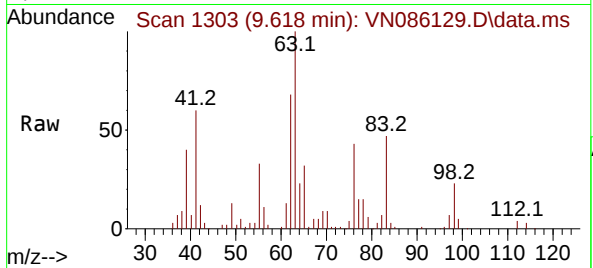
Tgt Ion:130 Resp: 119759
Ion Ratio Lower Upper
130 100
95 100.4 0.0 191.6





#45
1,2-Dichloropropane
Concen: 54.281 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

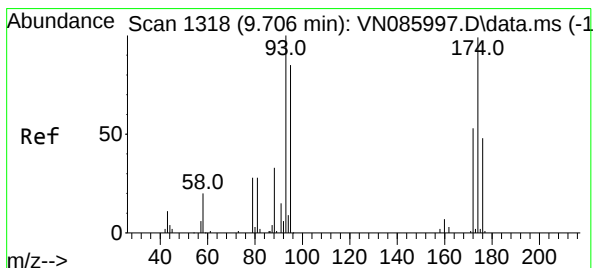
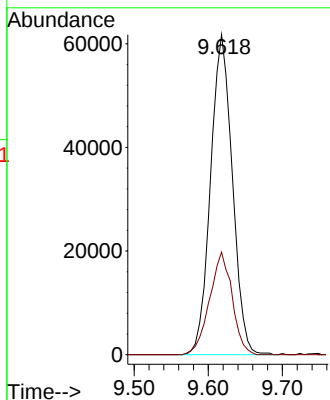
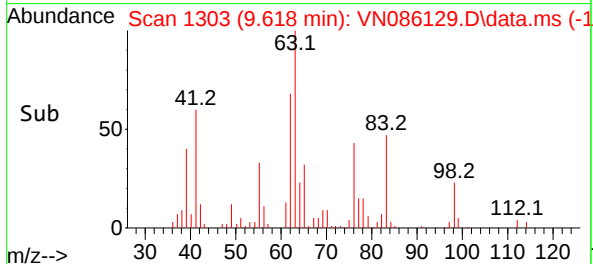
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion: 63 Resp: 126148
Ion Ratio Lower Upper
63 100
65 32.1 24.7 37.1

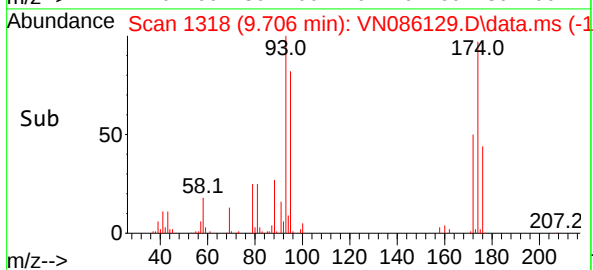
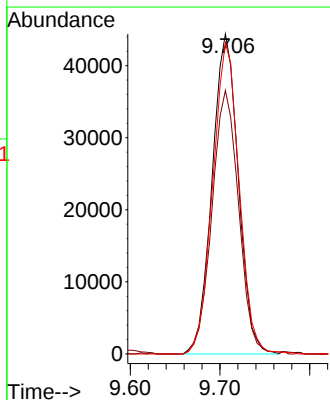
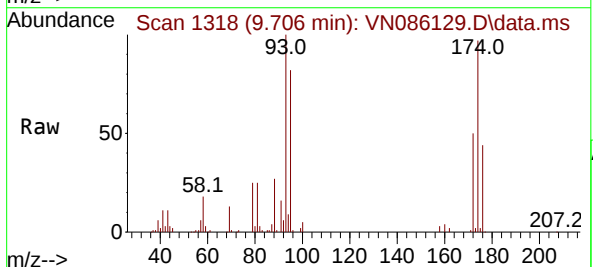
Manual Integrations
APPROVED

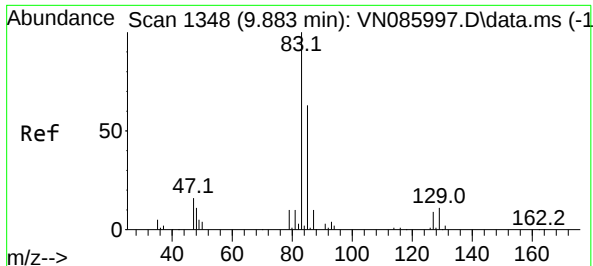
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#46
Dibromomethane
Concen: 49.141 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

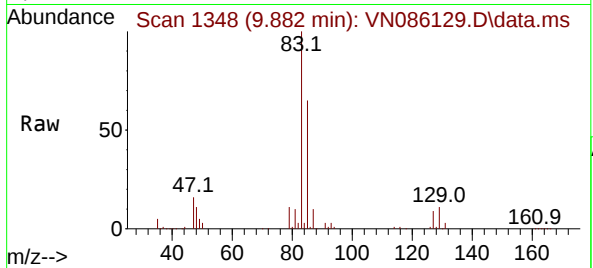
Tgt Ion: 93 Resp: 89813
Ion Ratio Lower Upper
93 100
95 84.1 66.2 99.2
174 98.1 80.1 120.1





#47
Bromodichloromethane
Concen: 49.945 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

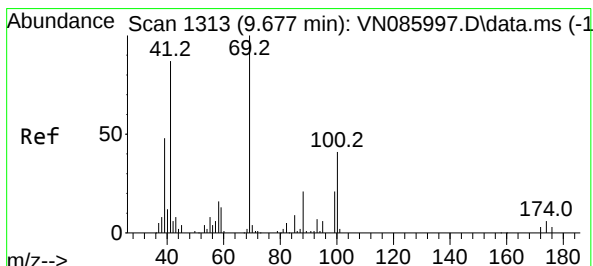
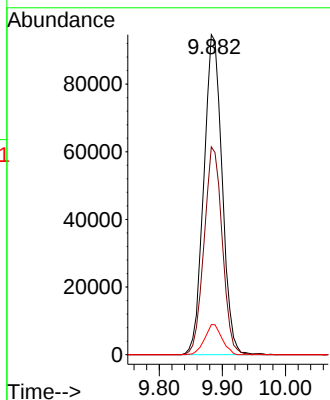
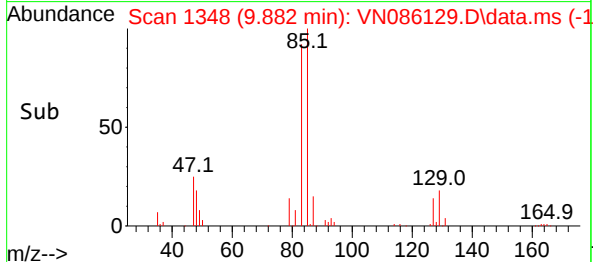
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



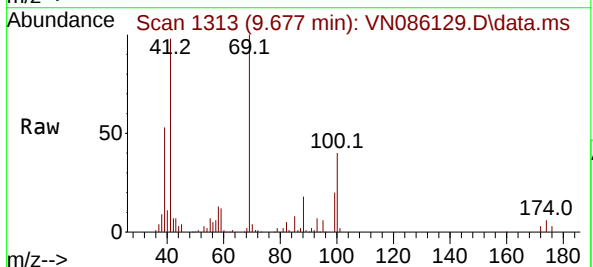
Tgt Ion: 83 Resp: 190774
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.2
127 9.4 7.1 10.7

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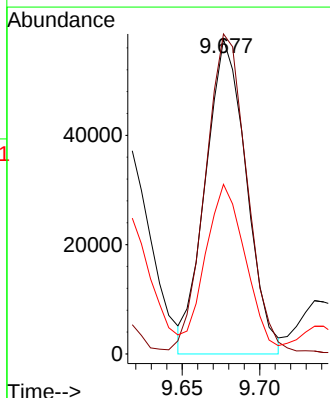
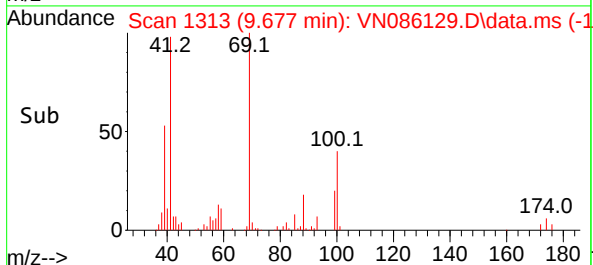
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

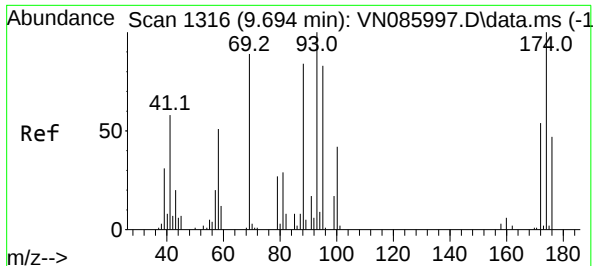


#48
Methyl methacrylate
Concen: 53.645 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



Tgt Ion: 41 Resp: 105333
Ion Ratio Lower Upper
41 100
69 103.5 83.1 124.7
39 53.9 45.6 68.4





#49

1,4-Dioxane

Concen: 947.626 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS03

Tgt Ion: 88 Resp: 43980

Ion Ratio Lower Upper

88 100

43 24.3 21.7 32.5

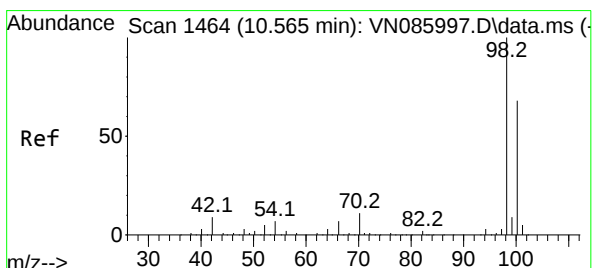
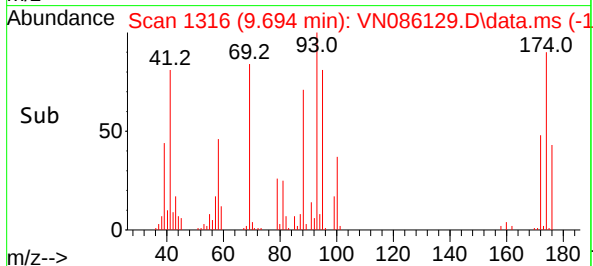
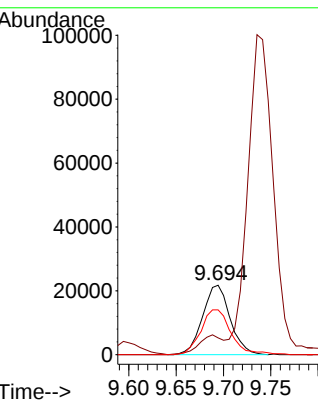
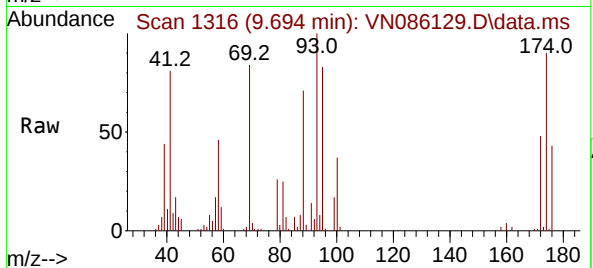
58 71.0 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 51.882 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086129.D

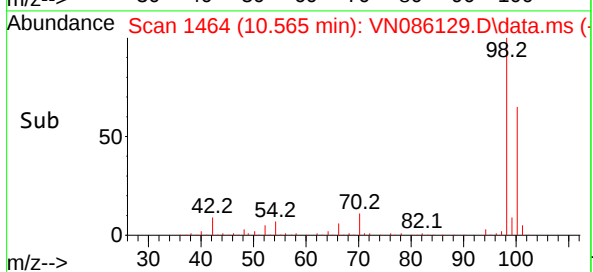
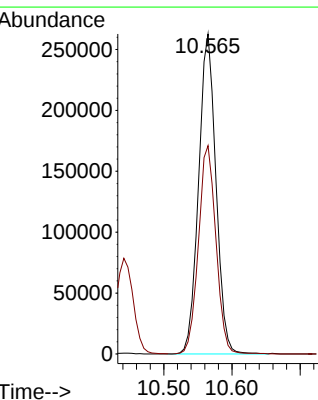
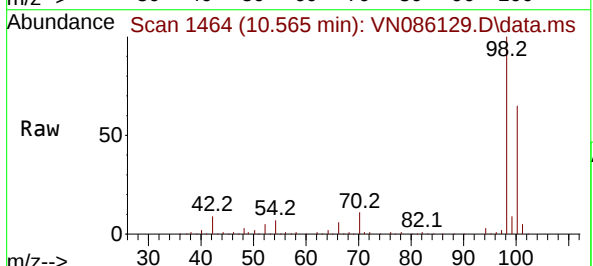
Acq: 26 Mar 2025 16:24

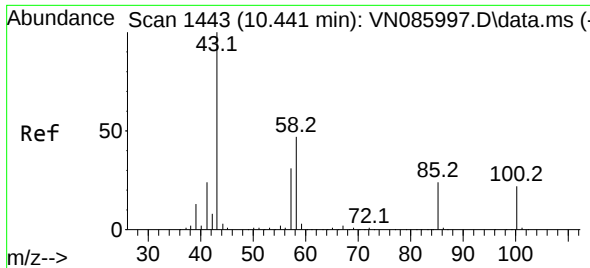
Tgt Ion: 98 Resp: 465445

Ion Ratio Lower Upper

98 100

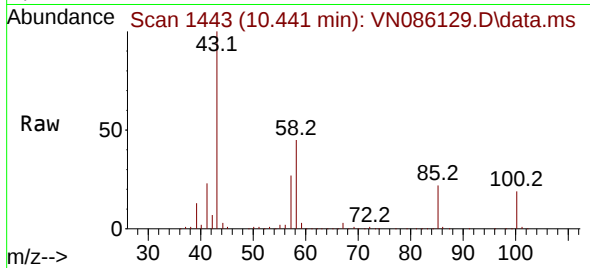
100 65.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 271.983 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

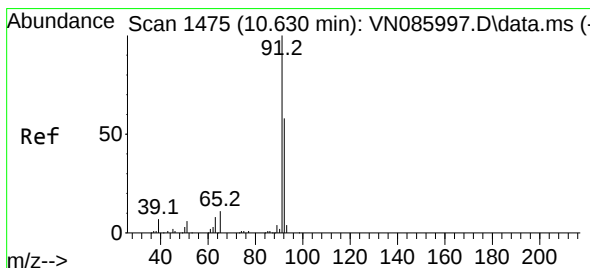
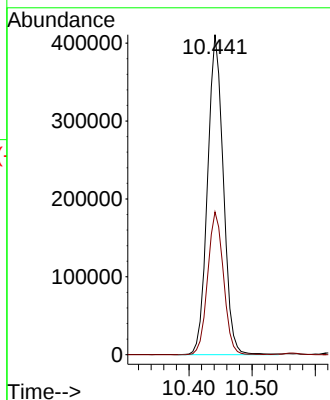
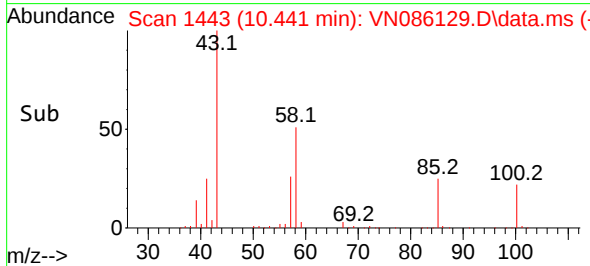
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion: 43 Resp: 713740
Ion Ratio Lower Upper
43 100
58 44.7 37.4 56.0

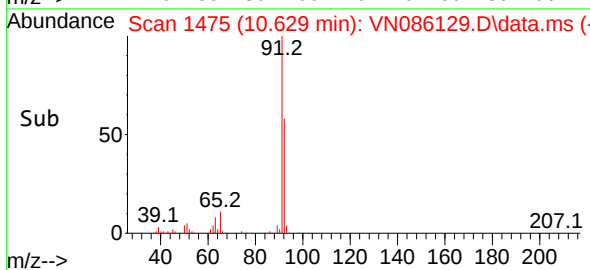
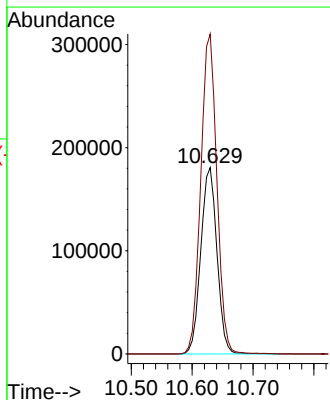
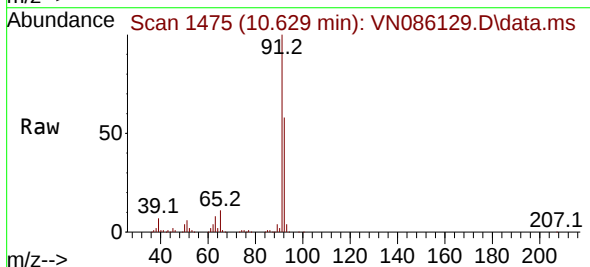
Manual Integrations
APPROVED

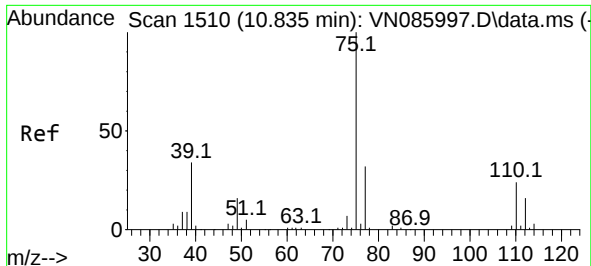
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 53.008 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

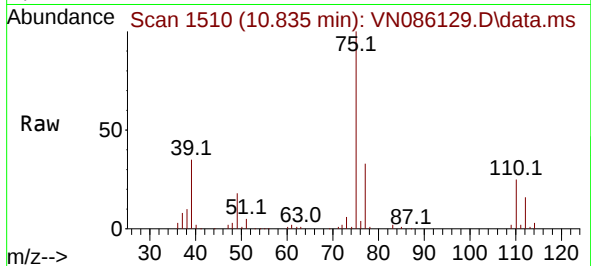
Tgt Ion: 92 Resp: 332420
Ion Ratio Lower Upper
92 100
91 171.4 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 51.092 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

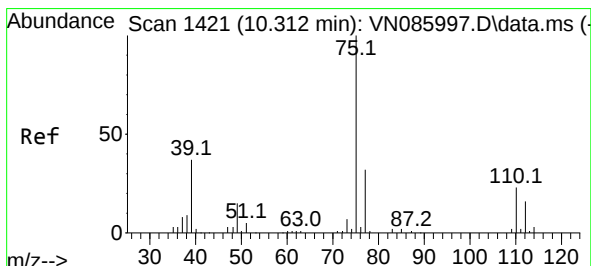
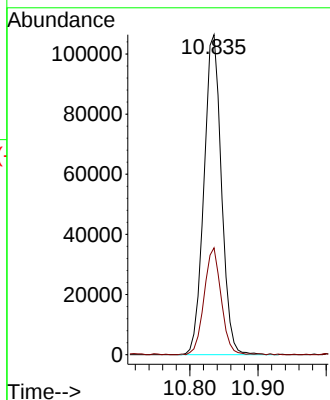
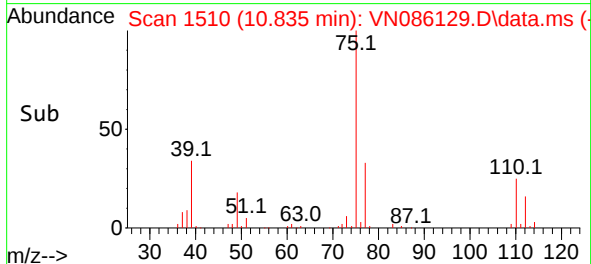
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



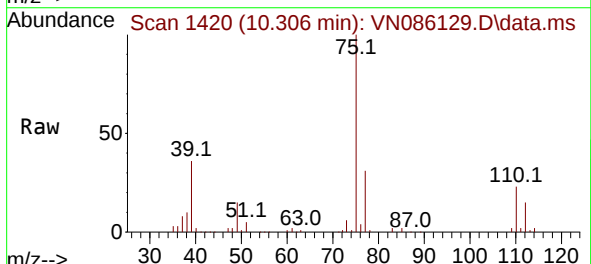
Tgt Ion: 75 Resp: 189530
Ion Ratio Lower Upper
75 100
77 33.4 25.3 37.9

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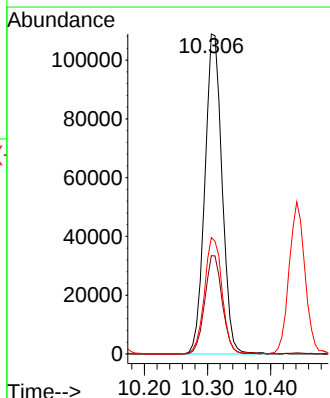
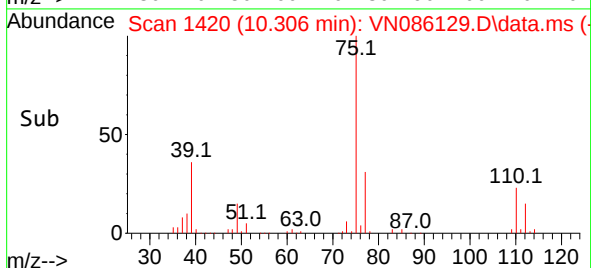
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

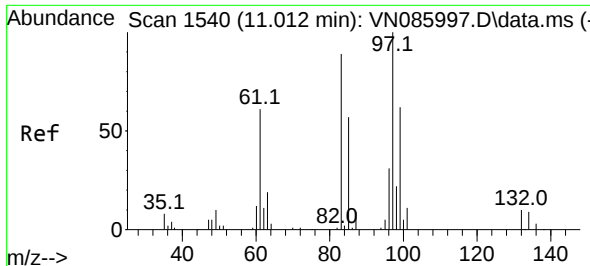


#54
cis-1,3-Dichloropropene
Concen: 52.656 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



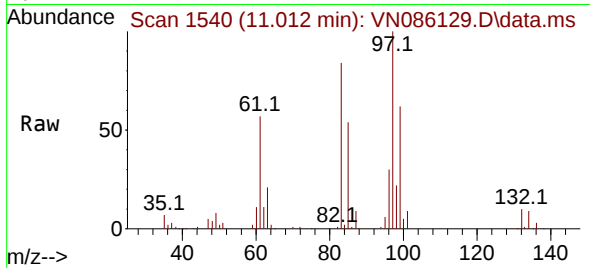
Tgt Ion: 75 Resp: 206087
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 36.4 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 52.200 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

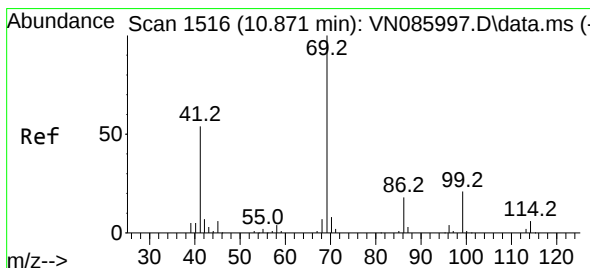
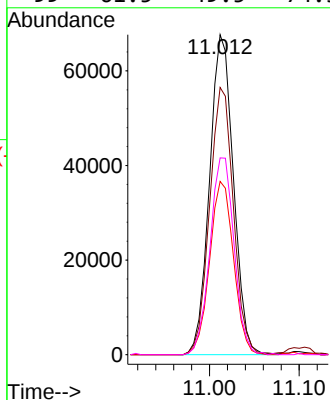
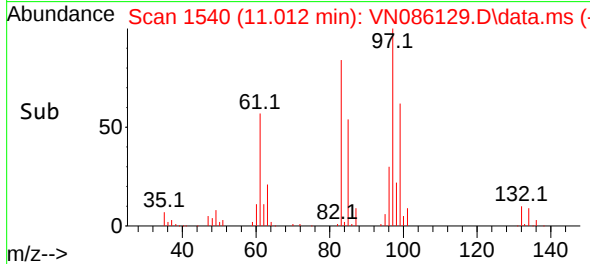
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



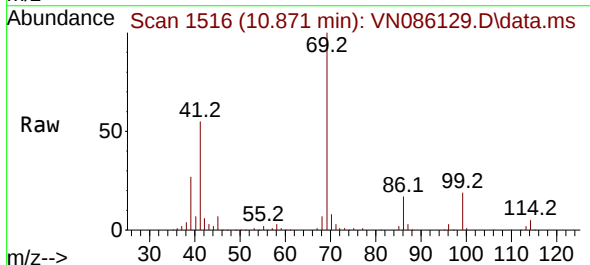
Tgt Ion: 97 Resp: 12494
Ion Ratio Lower Upper
97 100
83 83.5 71.2 106.8
85 54.2 45.4 68.0
99 61.5 49.5 74.3

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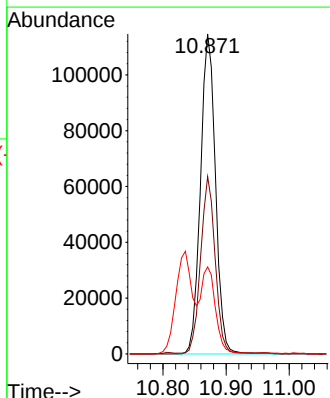
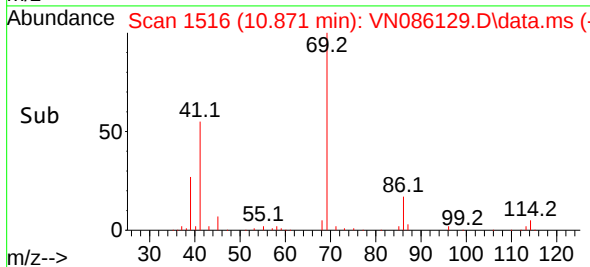
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

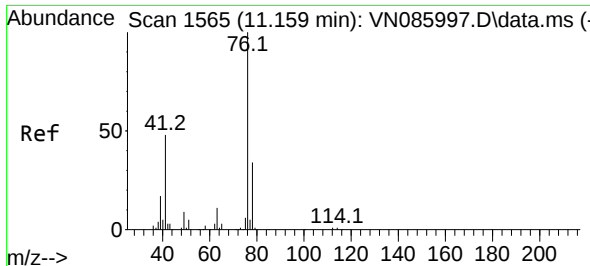


#56
Ethyl methacrylate
Concen: 50.535 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



Tgt Ion: 69 Resp: 189092
Ion Ratio Lower Upper
69 100
41 53.0 41.6 62.4
39 26.2 21.8 32.8





#57

1,3-Dichloropropane

Concen: 51.667 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS03

Tgt Ion: 76 Resp: 210040

Ion Ratio Lower Upper

76 100

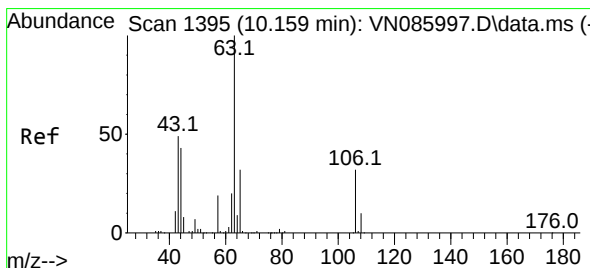
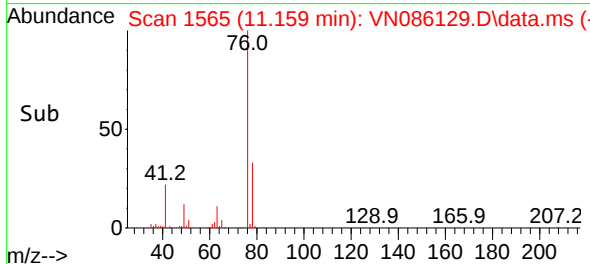
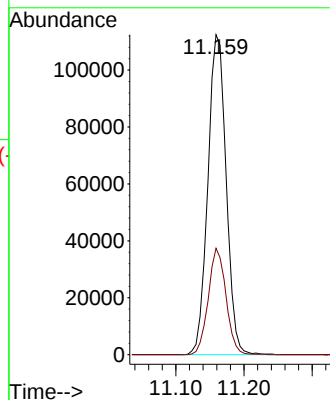
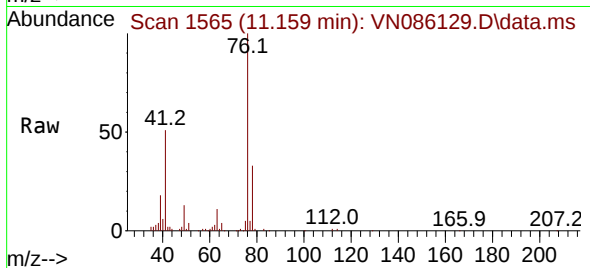
78 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 303.804 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086129.D

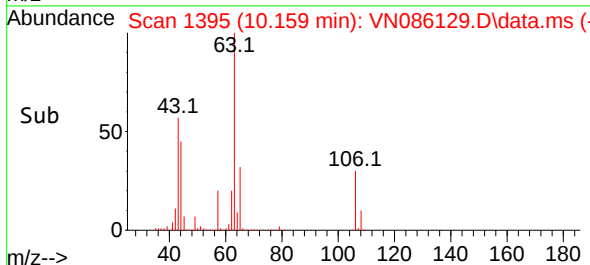
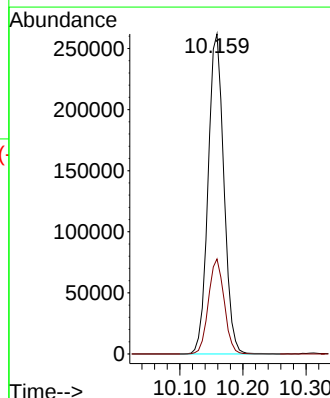
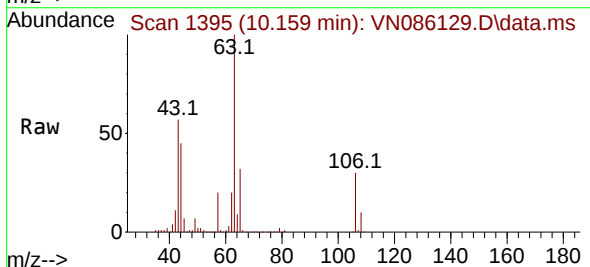
Acq: 26 Mar 2025 16:24

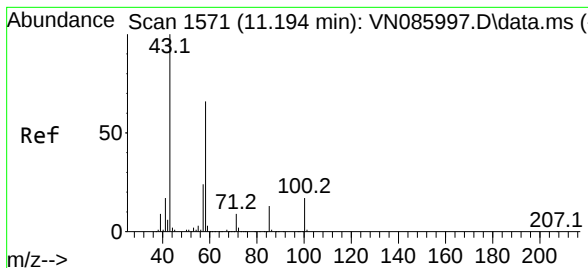
Tgt Ion: 63 Resp: 453674

Ion Ratio Lower Upper

63 100

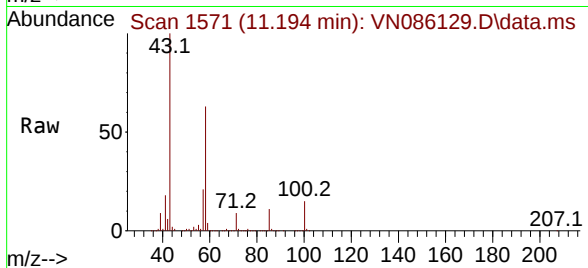
106 29.6 25.0 37.6





#59
2-Hexanone
Concen: 267.825 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

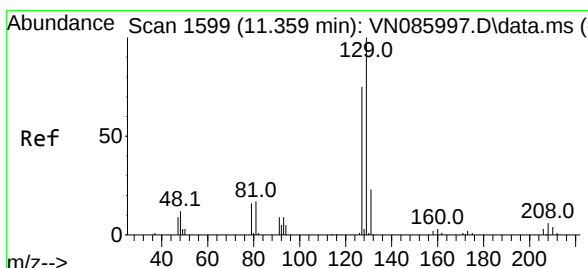
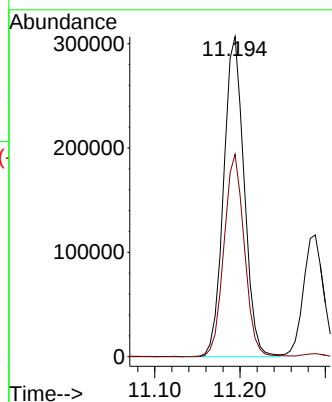
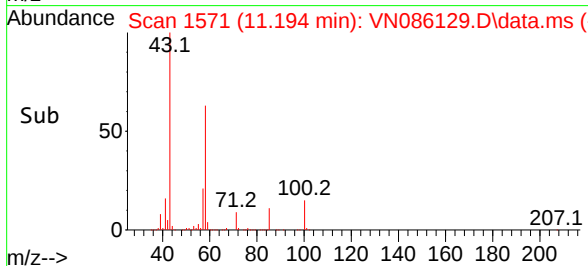
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



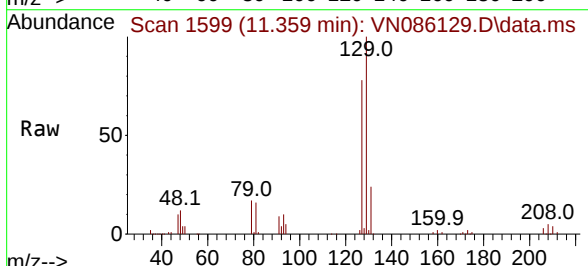
Tgt Ion: 43 Resp: 512000
Ion Ratio Lower Upper
43 100
58 62.8 32.4 97.2

Manual Integrations
APPROVED

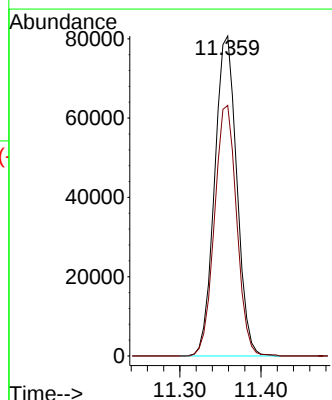
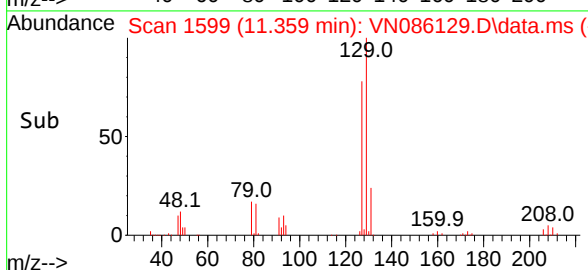
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

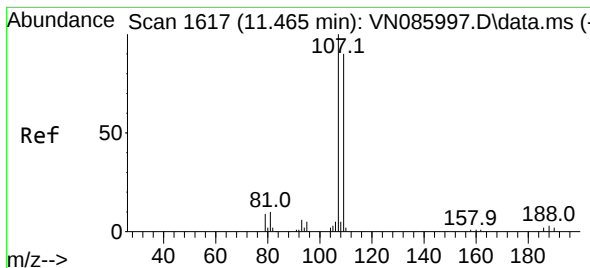


#60
Dibromochloromethane
Concen: 49.629 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



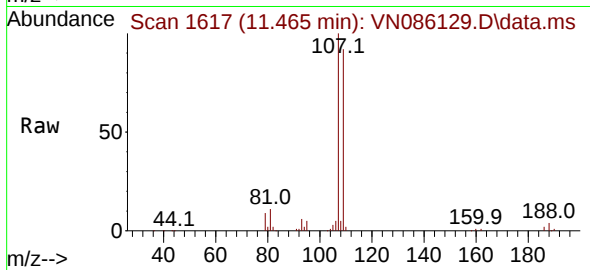
Tgt Ion:129 Resp: 153284
Ion Ratio Lower Upper
129 100
127 78.3 37.8 113.4





#61
1,2-Dibromoethane
Concen: 50.410 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

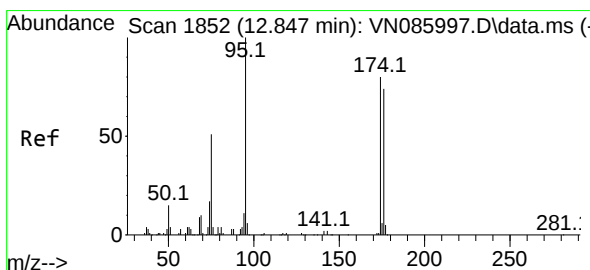
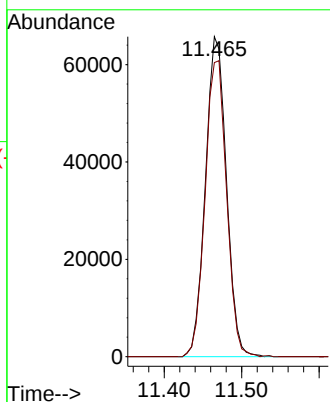
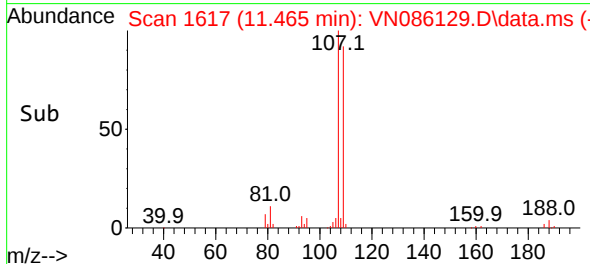
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



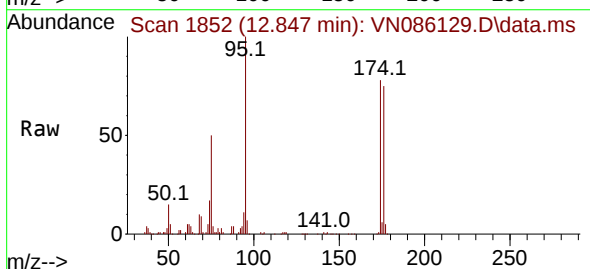
Tgt Ion:107 Resp: 123870
Ion Ratio Lower Upper
107 100
109 94.5 73.3 109.9

Manual Integrations
APPROVED

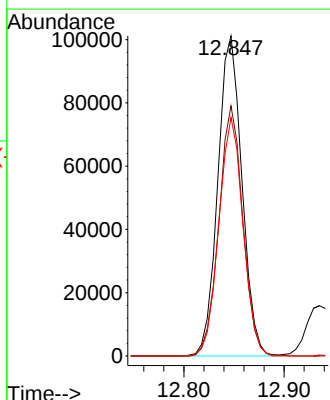
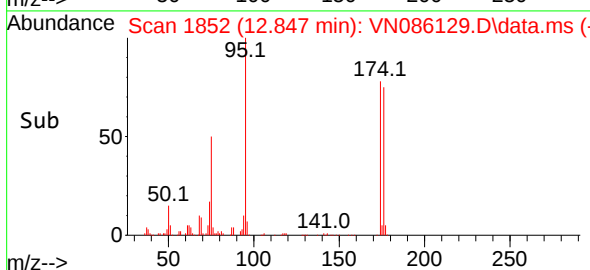
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

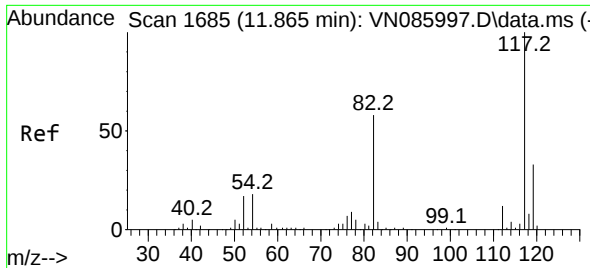


#62
4-Bromofluorobenzene
Concen: 52.623 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



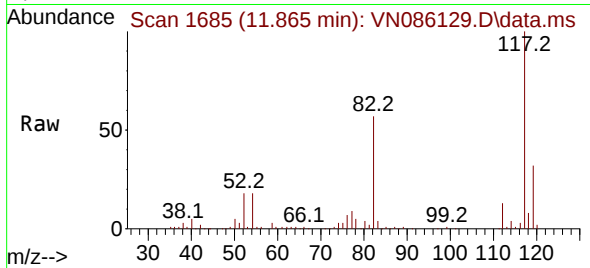
Tgt Ion: 95 Resp: 168363
Ion Ratio Lower Upper
95 100
174 77.4 0.0 156.8
176 74.7 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

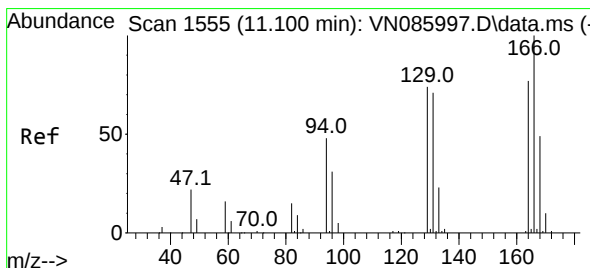
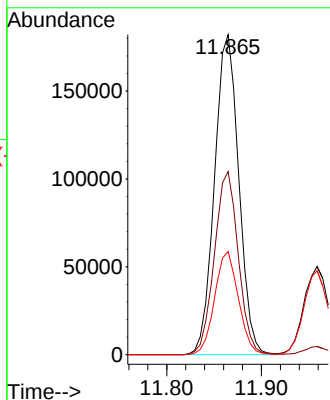
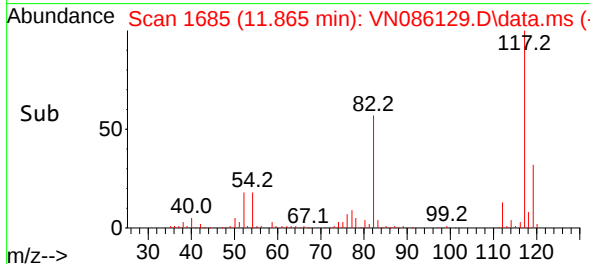
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



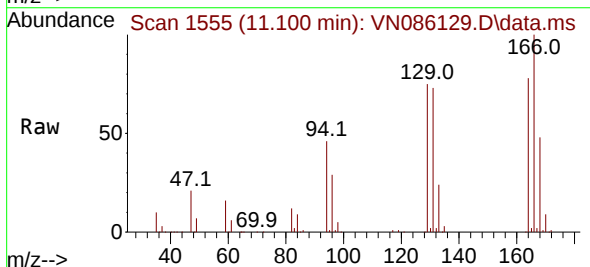
Tgt Ion:117 Resp: 324050
Ion Ratio Lower Upper
117 100
82 57.2 46.7 70.1
119 32.3 26.5 39.7

Manual Integrations
APPROVED

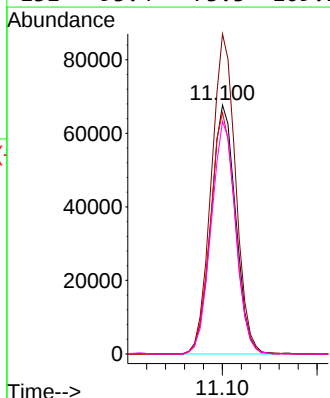
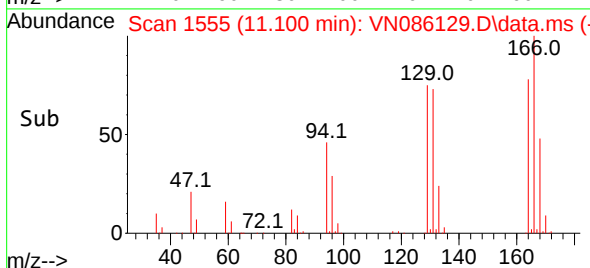
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

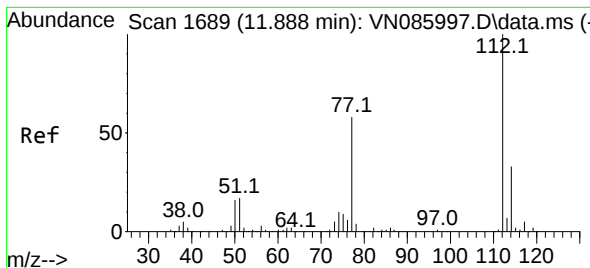


#64
Tetrachloroethene
Concen: 47.415 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



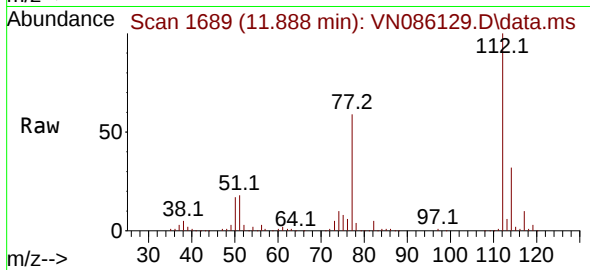
Tgt Ion:164 Resp: 122569
Ion Ratio Lower Upper
164 100
166 128.6 103.7 155.5
129 96.9 77.1 115.7
131 93.4 73.3 109.9





#65
Chlorobenzene
Concen: 47.744 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

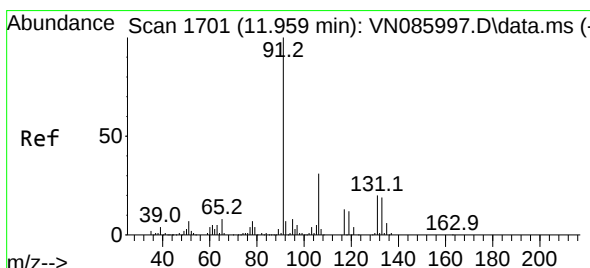
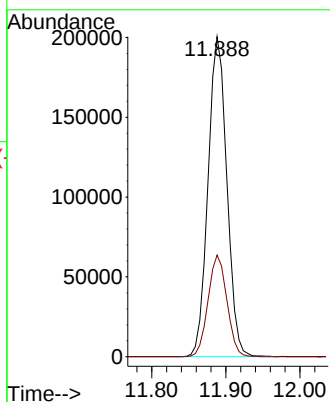
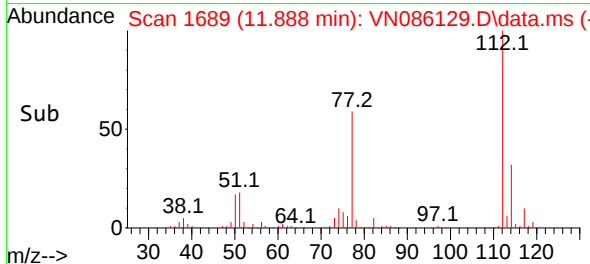
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



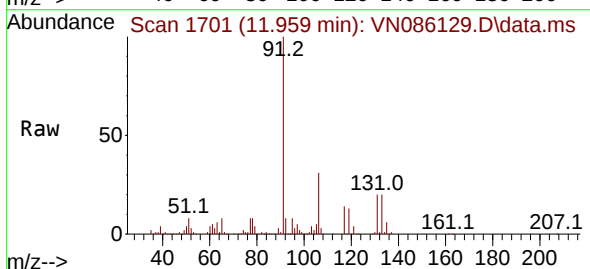
Tgt Ion:112 Resp: 35403
Ion Ratio Lower Upper
112 100
114 31.7 26.3 39.5

Manual Integrations
APPROVED

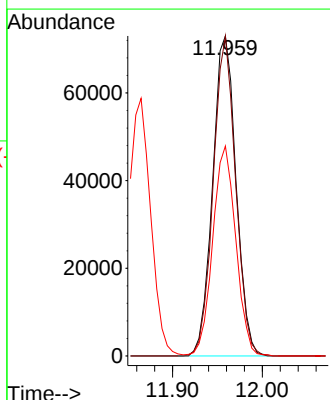
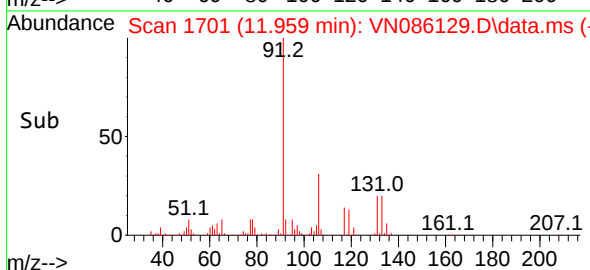
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

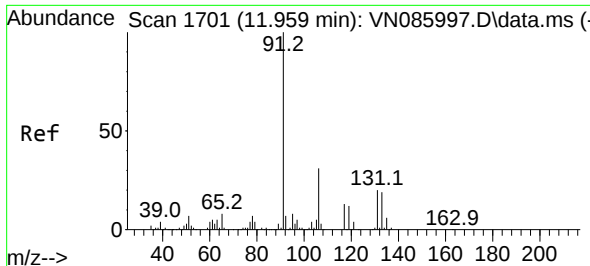


#66
1,1,1,2-Tetrachloroethane
Concen: 47.947 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



Tgt Ion:131 Resp: 132166
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.0
119 64.8 31.4 94.0





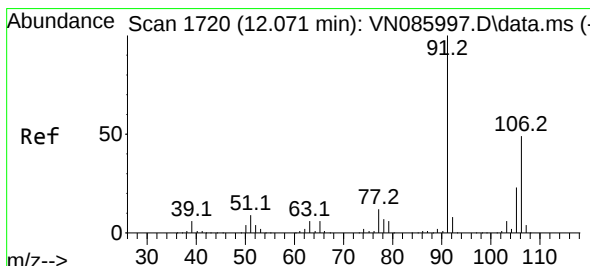
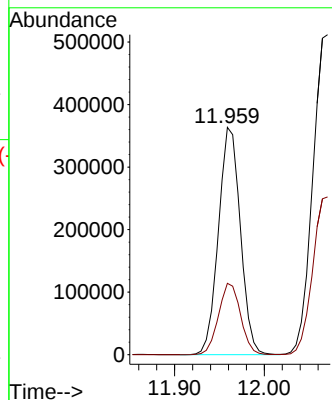
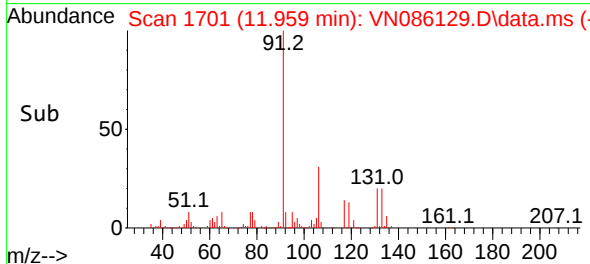
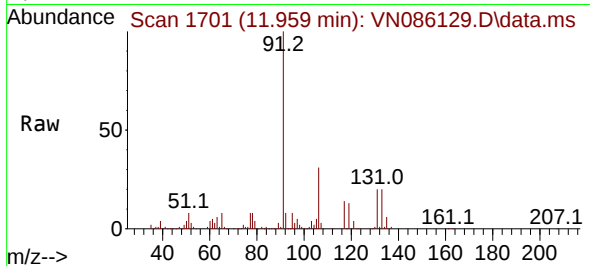
#67
Ethyl Benzene
Concen: 52.035 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion: 91 Resp: 617220
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

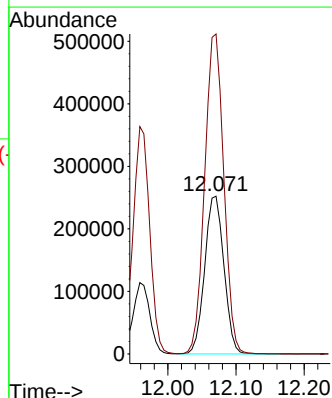
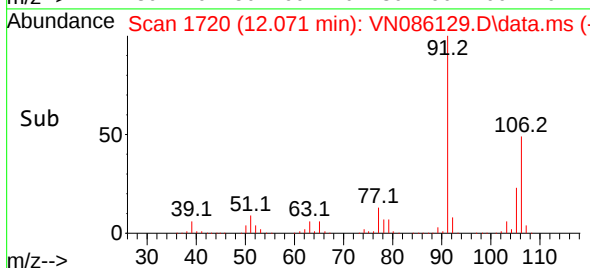
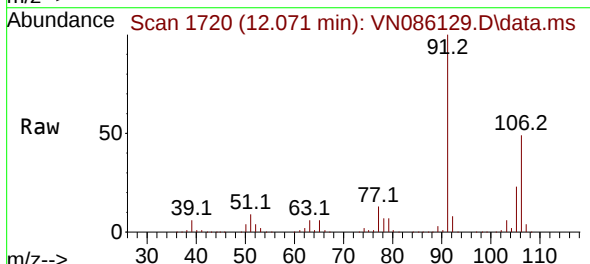
Manual Integrations
APPROVED

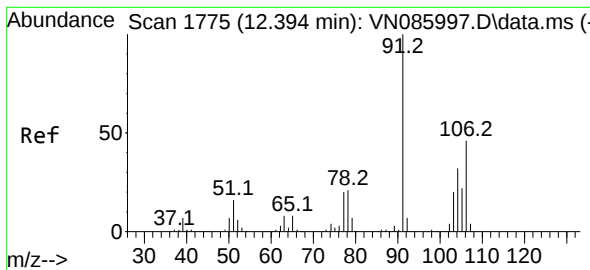
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#68
m/p-Xylenes
Concen: 106.138 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion:106 Resp: 494834
Ion Ratio Lower Upper
106 100
91 201.3 163.9 245.9





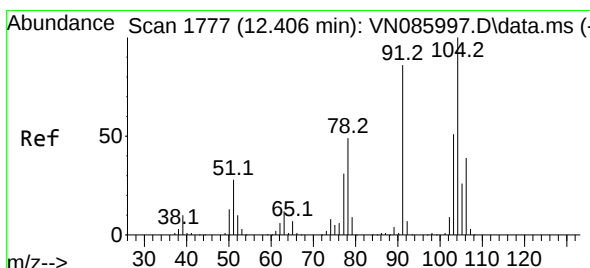
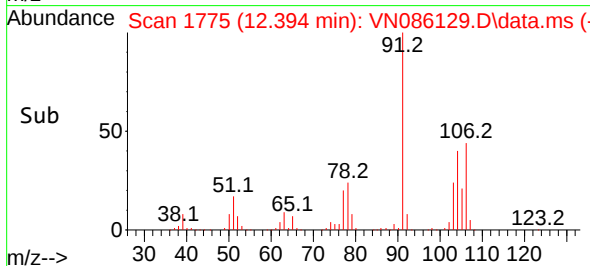
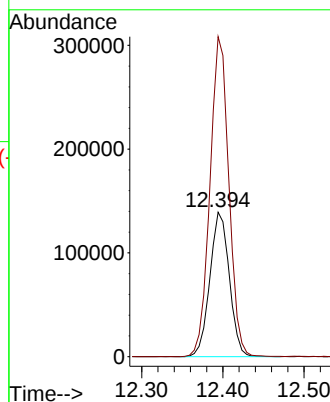
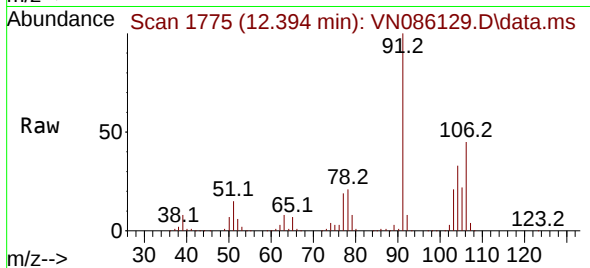
#69
o-Xylene
Concen: 54.103 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion:106 Resp: 231504
Ion Ratio Lower Upper
106 100
91 215.5 109.1 327.2

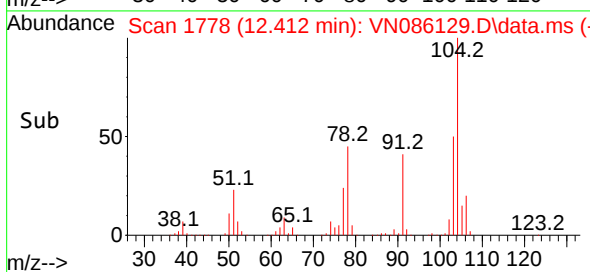
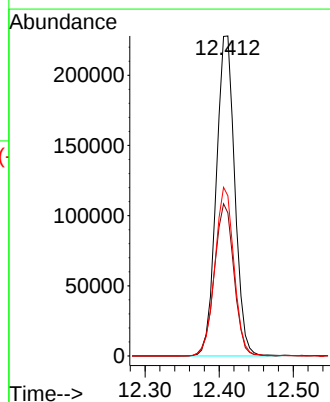
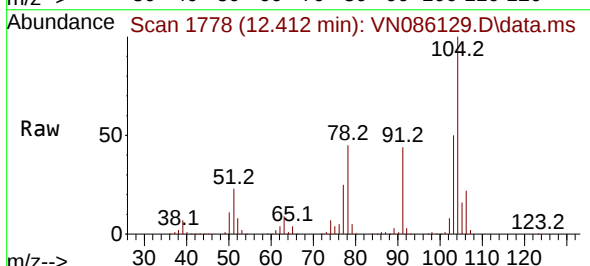
Manual Integrations
APPROVED

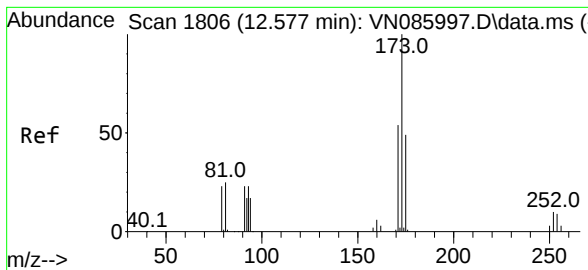
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 54.244 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

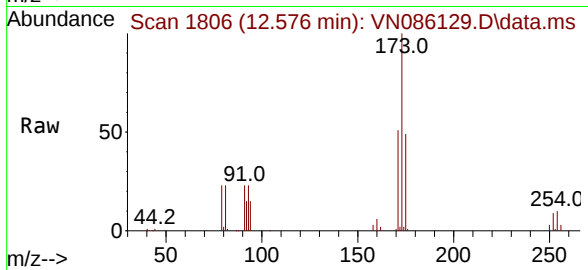
Tgt Ion:104 Resp: 396450
Ion Ratio Lower Upper
104 100
78 50.2 41.4 62.2
103 54.2 42.9 64.3





#71
Bromoform
Concen: 46.500 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

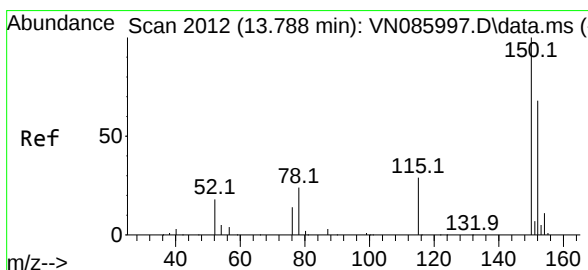
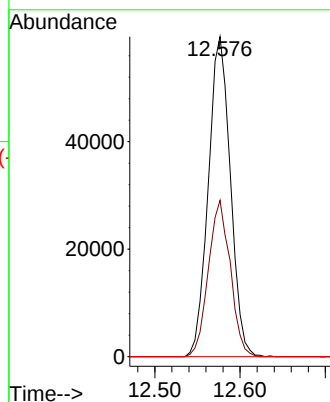
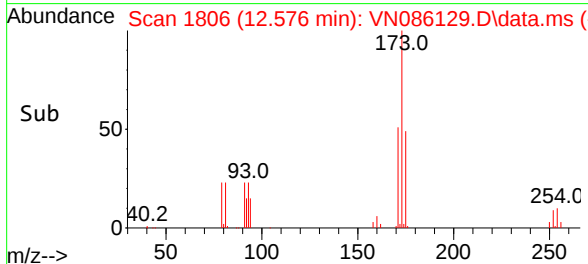
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion:173 Resp: 10715
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

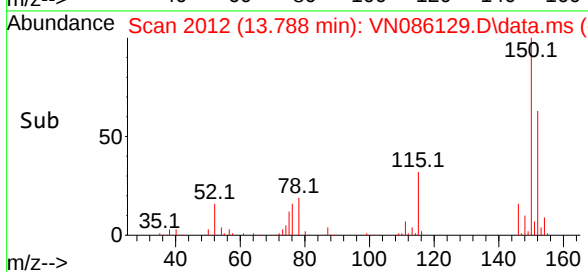
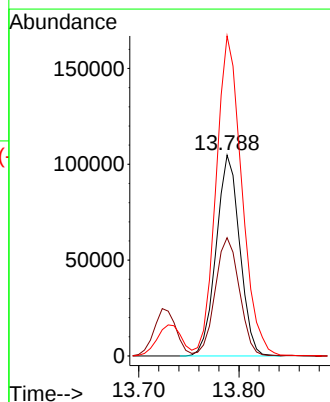
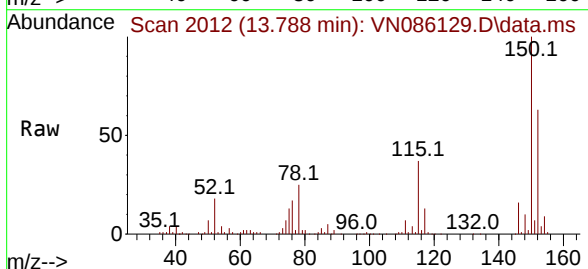
Manual Integrations
APPROVED

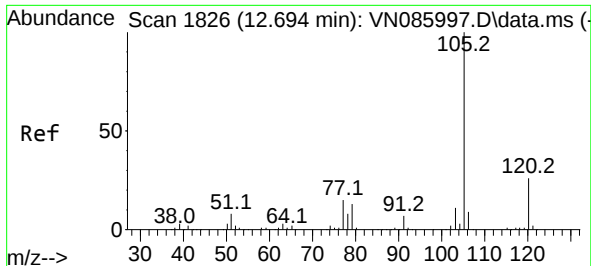
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion:152 Resp: 170780
Ion Ratio Lower Upper
152 100
115 60.1 31.1 93.2
150 174.2 0.0 359.6





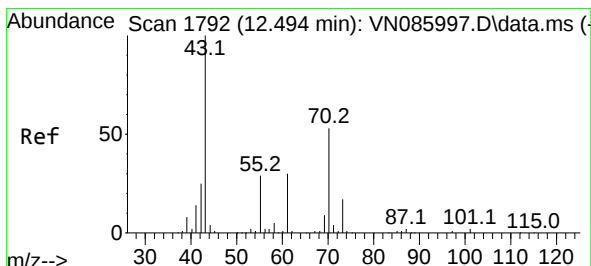
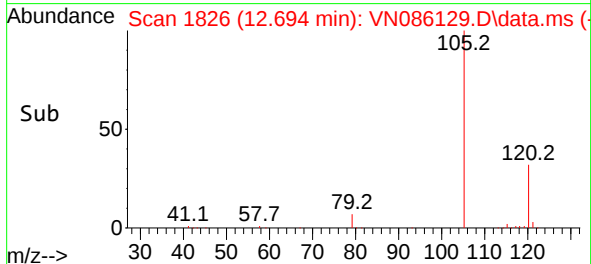
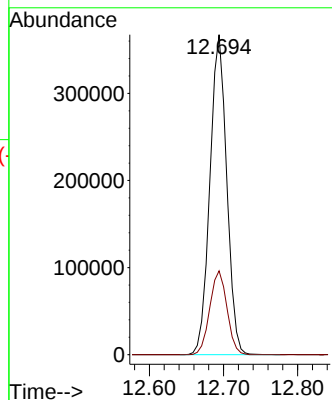
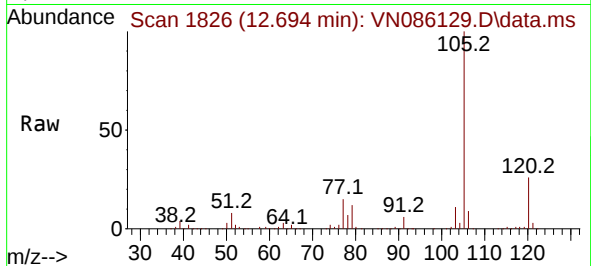
#73
Isopropylbenzene
Concen: 49.596 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion:105 Resp: 57840
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0

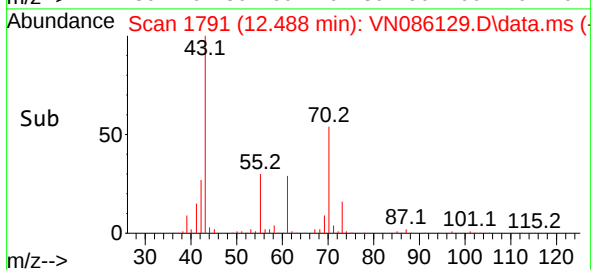
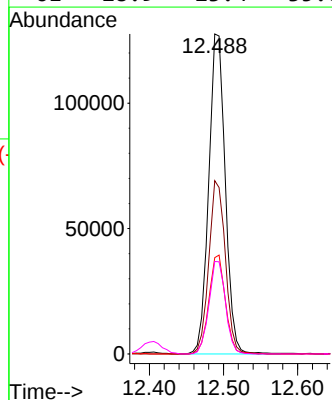
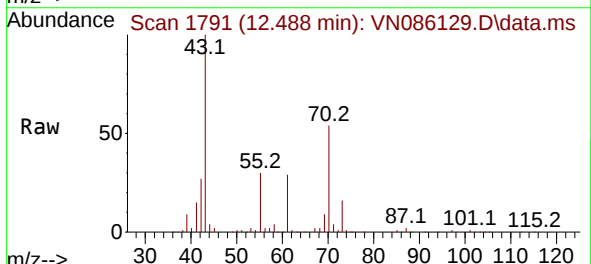
Manual Integrations
APPROVED

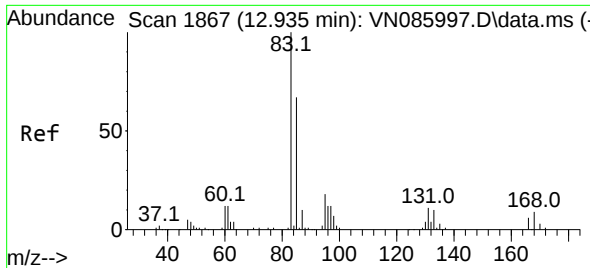
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 50.741 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

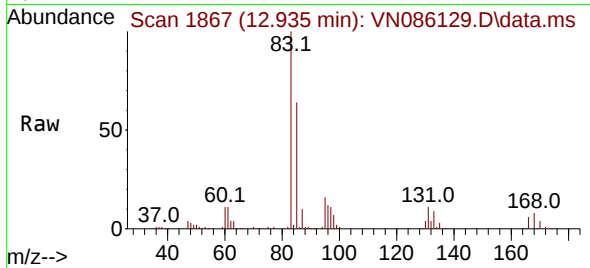
Tgt Ion: 43 Resp: 197982
Ion Ratio Lower Upper
43 100
70 54.2 43.0 64.4
55 30.8 23.8 35.8
61 28.9 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 44.622 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

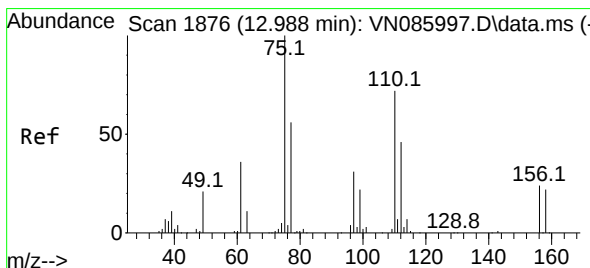
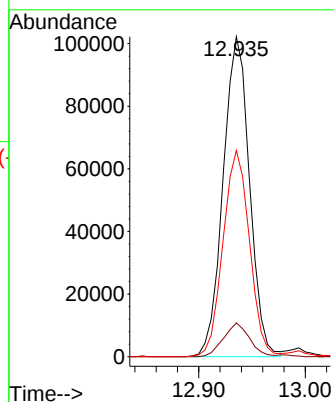
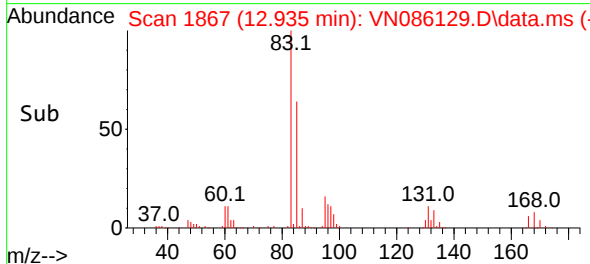
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



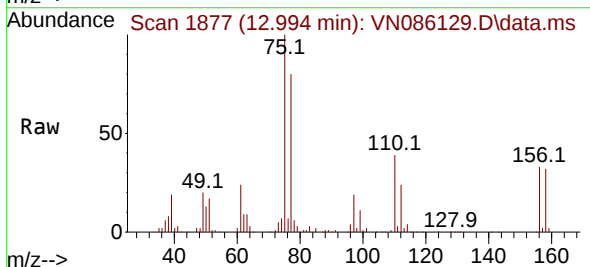
Tgt Ion: 83 Resp: 176050
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.5
85 64.6 32.6 97.8

Manual Integrations
APPROVED

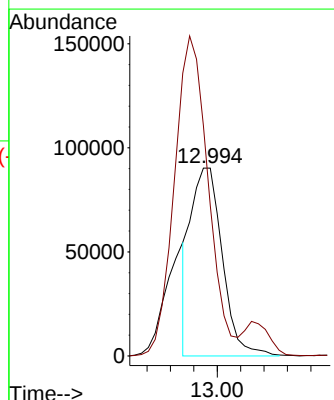
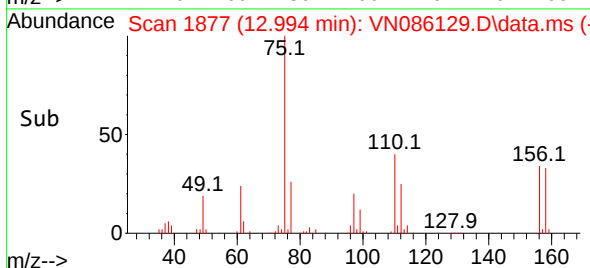
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

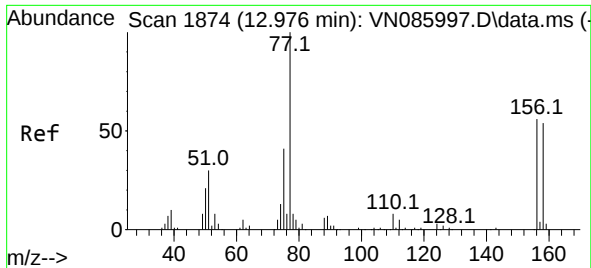


#76
1,2,3-Trichloropropane
Concen: 44.118 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



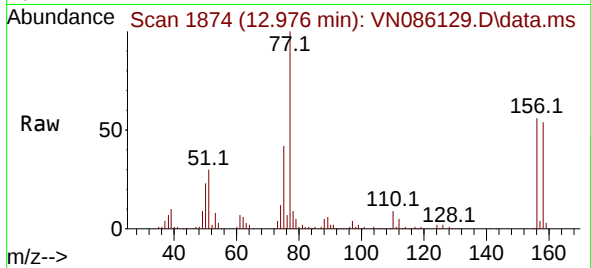
Tgt Ion: 75 Resp: 168683
Ion Ratio Lower Upper
75 100
77 182.9 83.7 251.0





#77
Bromobenzene
Concen: 45.392 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

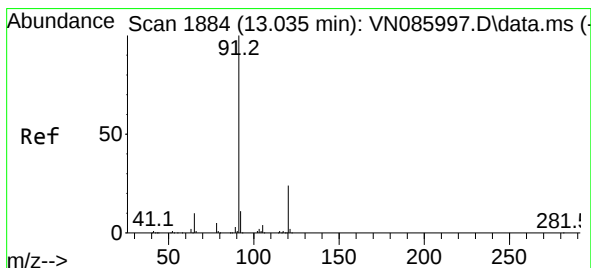
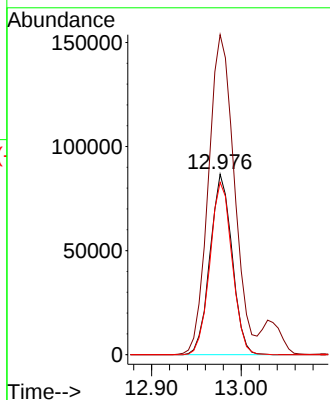
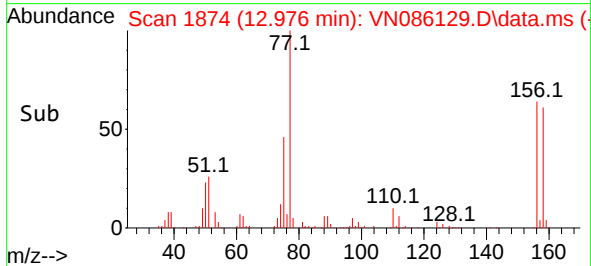
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



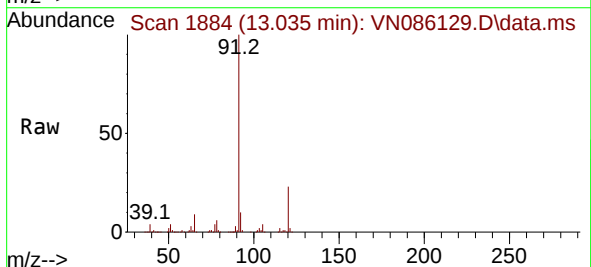
Tgt Ion:156 Resp: 147609
Ion Ratio Lower Upper
156 100
77 209.1 104.1 312.3
158 96.1 49.0 147.0

Manual Integrations
APPROVED

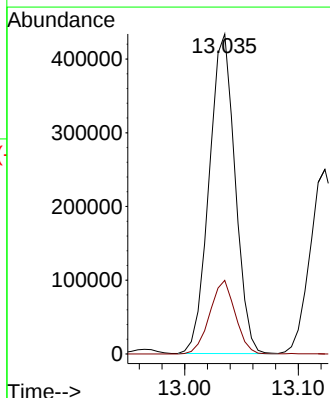
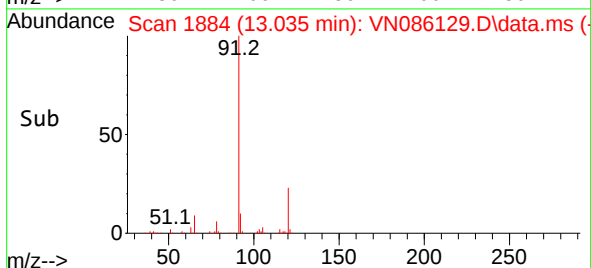
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

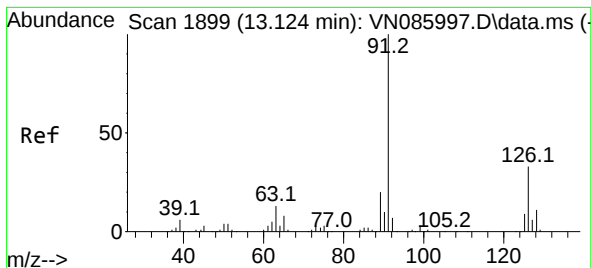


#78
n-propylbenzene
Concen: 52.063 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24



Tgt Ion: 91 Resp: 687535
Ion Ratio Lower Upper
91 100
120 22.5 11.7 35.0





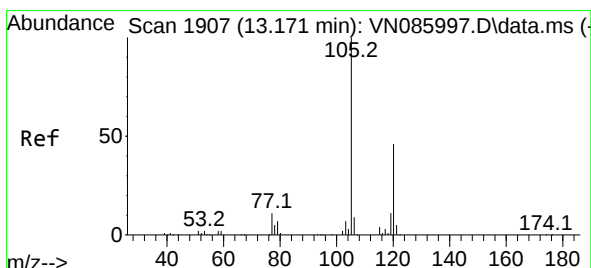
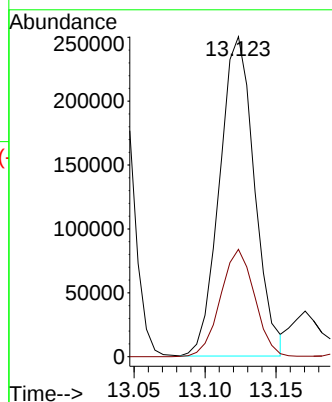
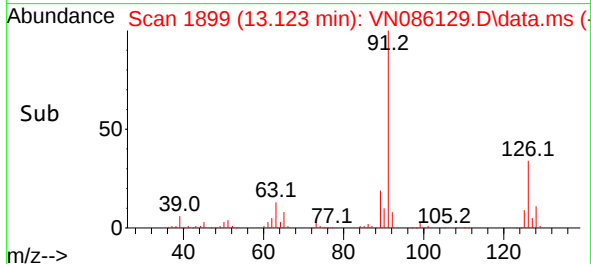
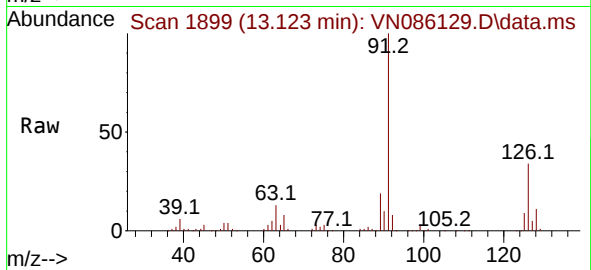
#79
2-Chlorotoluene
Concen: 48.826 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion: 91 Resp: 42828
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.2

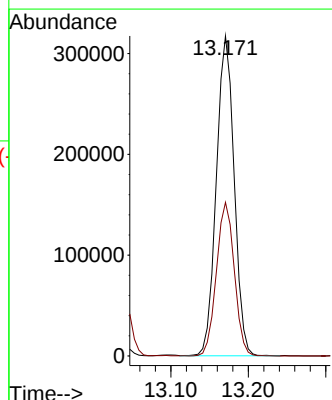
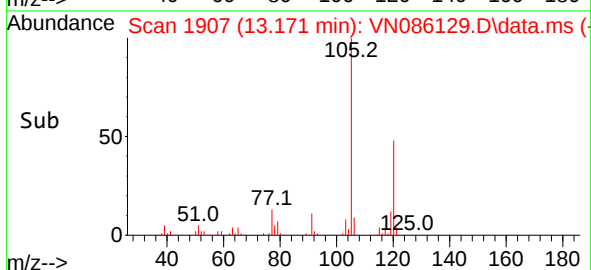
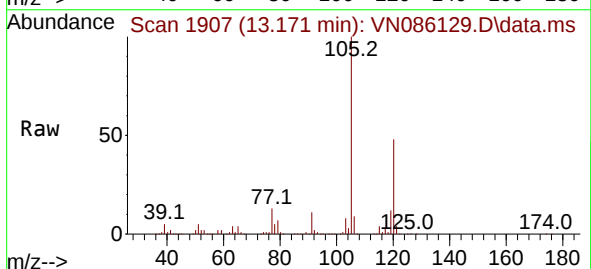
Manual Integrations
APPROVED

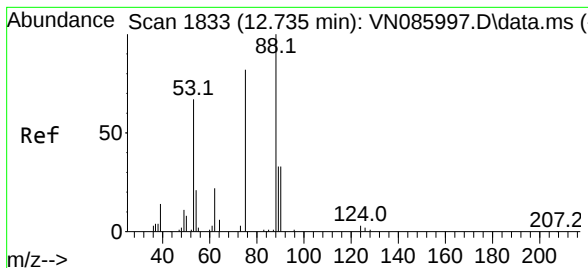
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.514 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

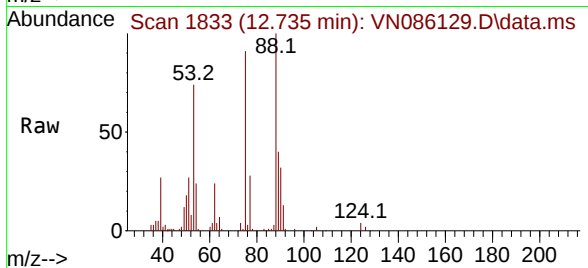
Tgt Ion:105 Resp: 507224
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 49.092 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

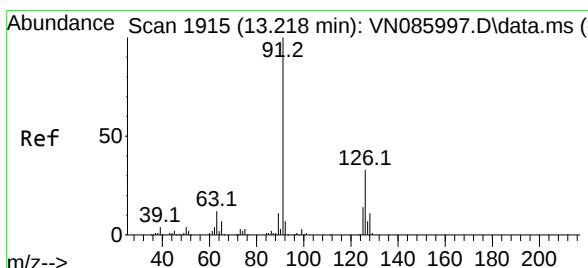
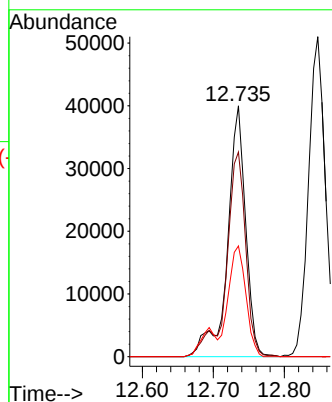
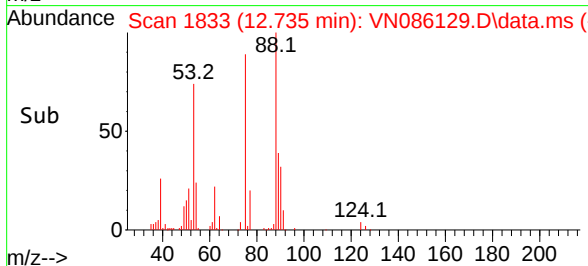
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion: 75 Resp: 70990
Ion Ratio Lower Upper
75 100
53 76.9 66.0 99.0
89 42.7 36.9 55.3

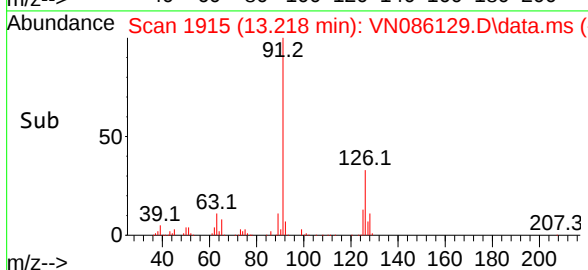
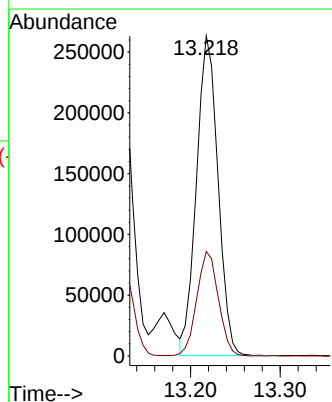
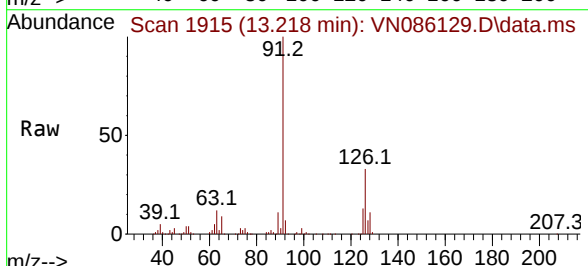
Manual Integrations
APPROVED

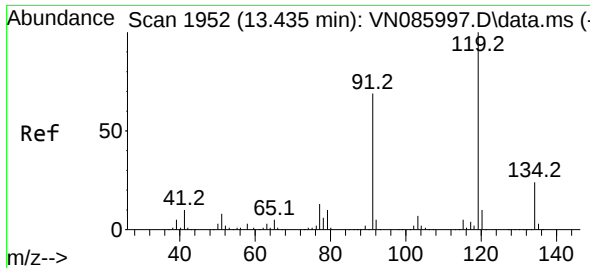
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 48.499 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

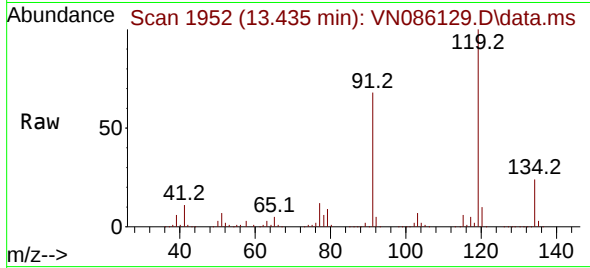
Tgt Ion: 91 Resp: 437474
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2





#83
tert-Butylbenzene
Concen: 48.723 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

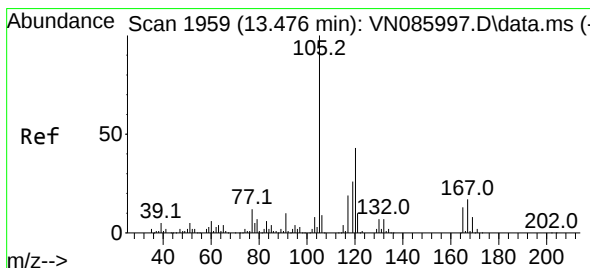
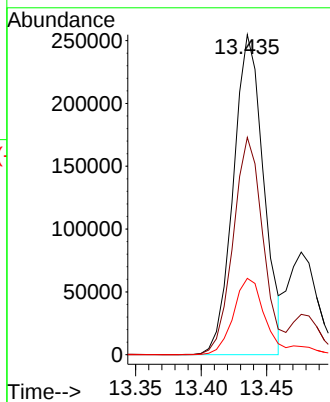
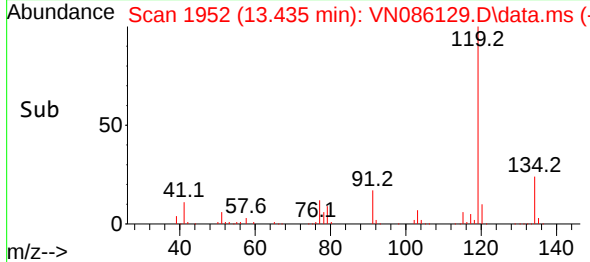
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion:119 Resp: 410309
Ion Ratio Lower Upper
119 100
91 67.5 34.3 102.9
134 26.5 13.5 40.5

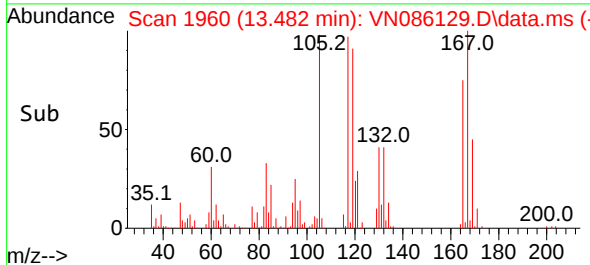
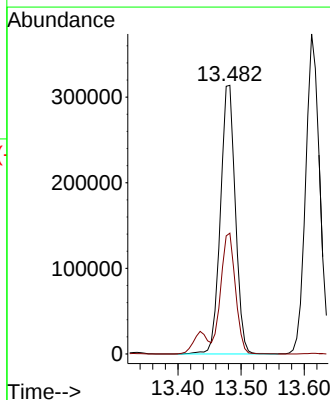
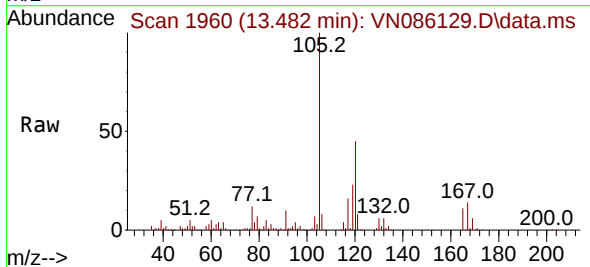
Manual Integrations
APPROVED

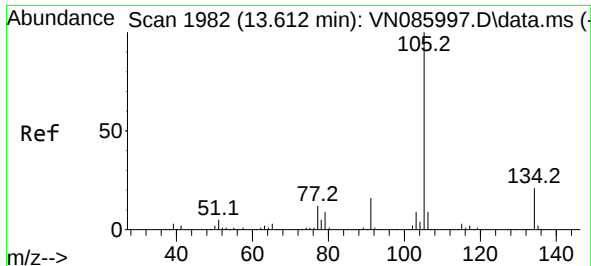
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 52.004 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

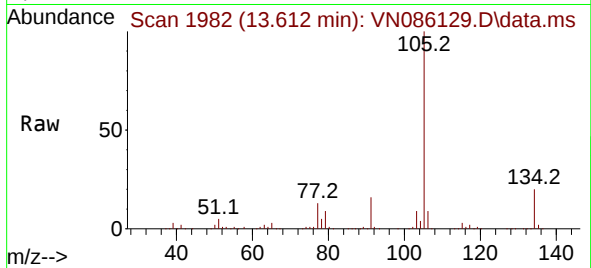
Tgt Ion:105 Resp: 516457
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 52.220 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086129.D
 Acq: 26 Mar 2025 16:24

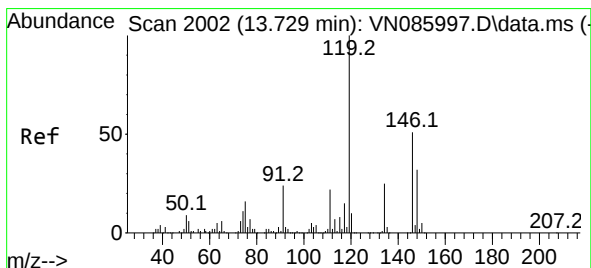
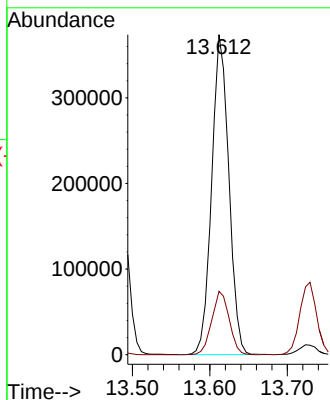
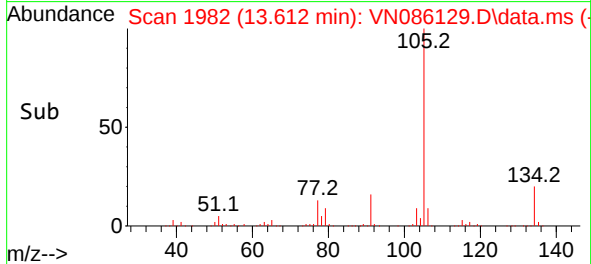
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS03



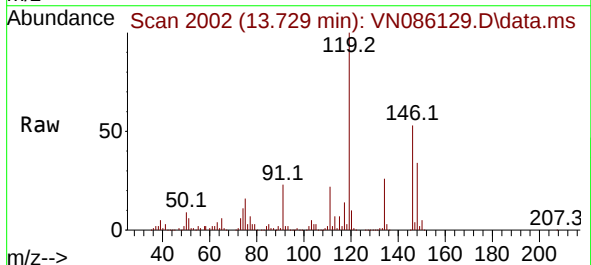
Tgt Ion:105 Resp: 573679
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations
 APPROVED

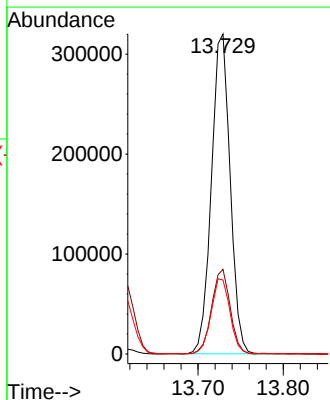
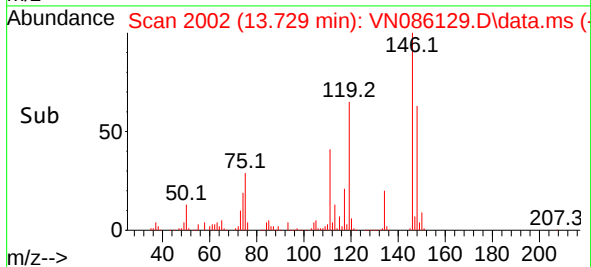
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

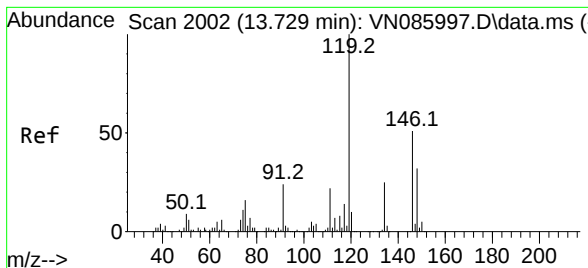


#86
 p-Isopropyltoluene
 Concen: 52.545 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086129.D
 Acq: 26 Mar 2025 16:24



Tgt Ion:119 Resp: 488648
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 47.558 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS03

Tgt Ion:146 Resp: 278768

Ion Ratio Lower Upper

146 100

111 41.1 21.2 63.6

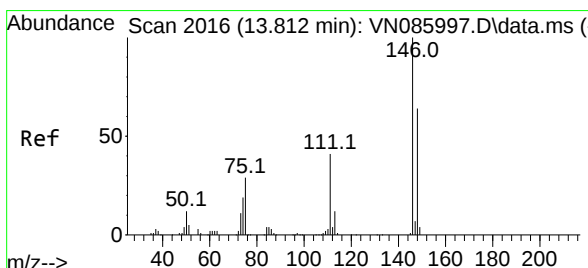
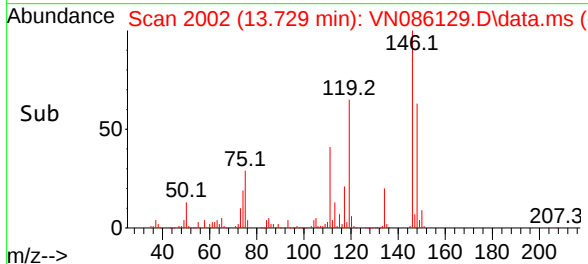
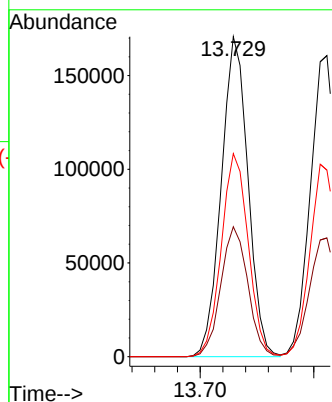
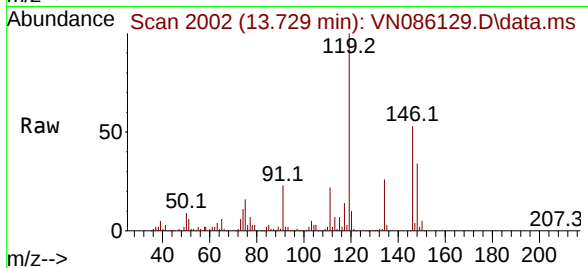
148 64.1 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#88

1,4-Dichlorobenzene

Concen: 44.242 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

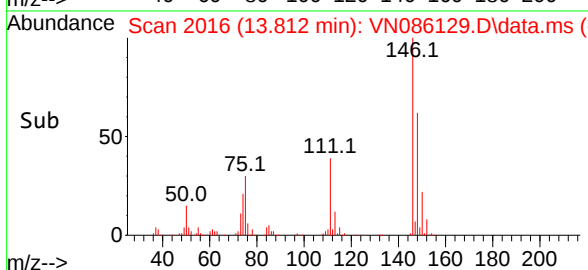
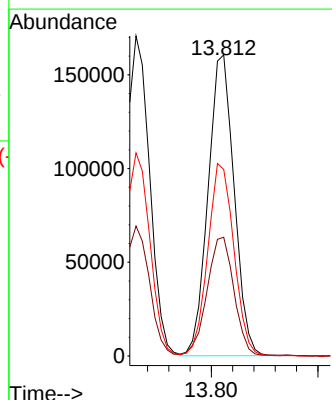
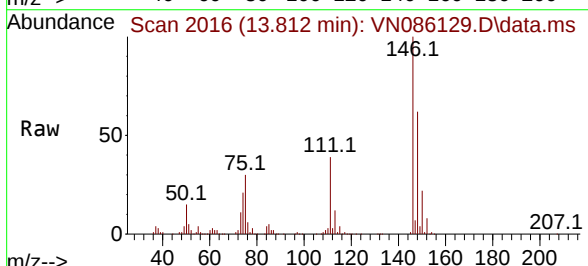
Tgt Ion:146 Resp: 272468

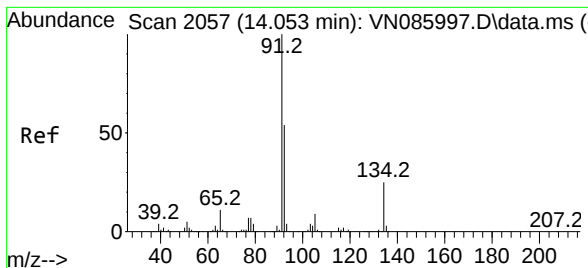
Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.3

148 64.3 32.1 96.5





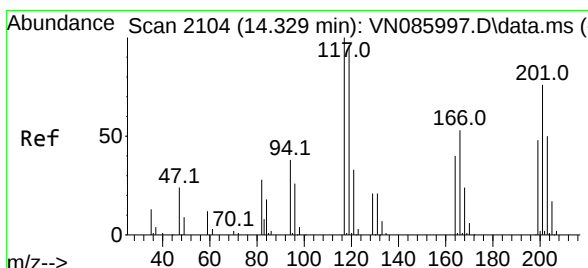
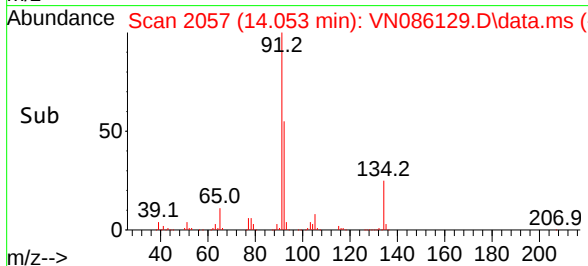
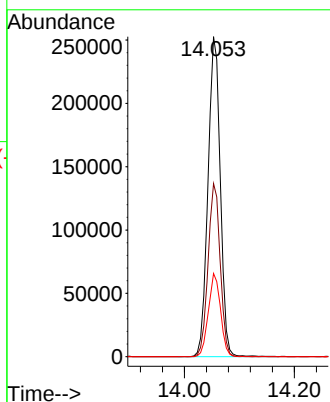
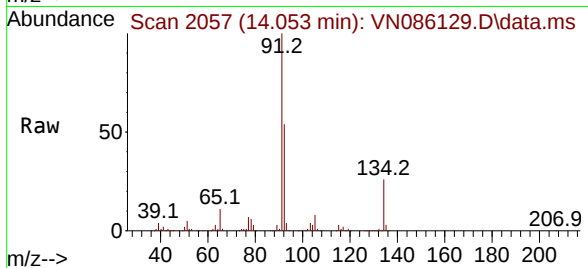
#89
n-Butylbenzene
Concen: 51.832 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03

Tgt Ion: 91 Resp: 392510
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 25.6 13.0 39.0

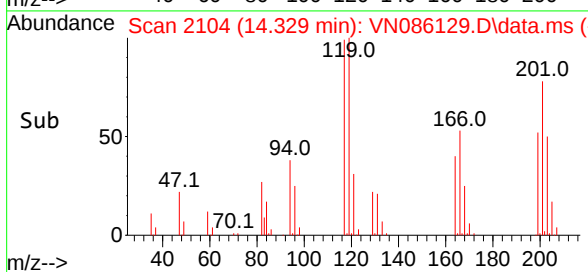
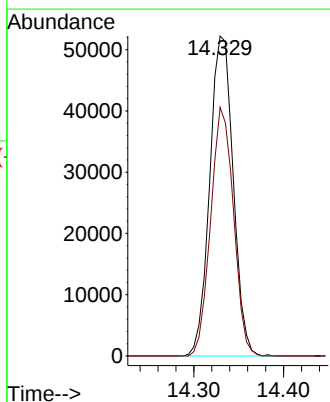
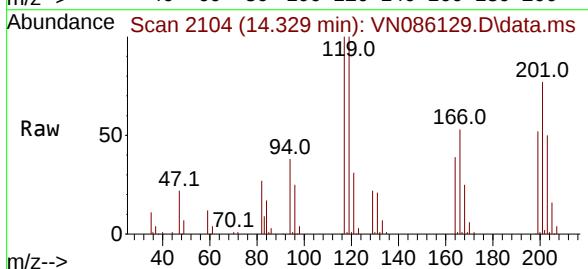
Manual Integrations
APPROVED

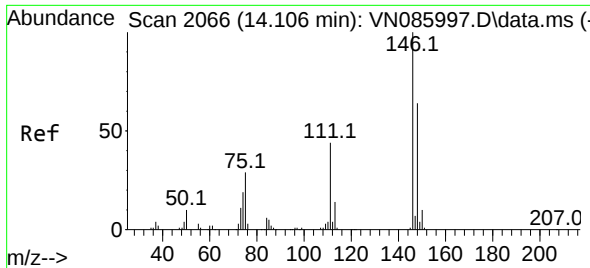
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90
Hexachloroethane
Concen: 44.171 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

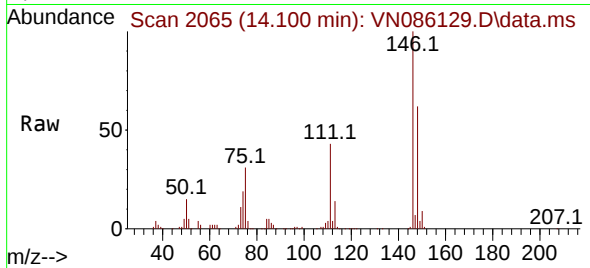
Tgt Ion:117 Resp: 94783
Ion Ratio Lower Upper
117 100
201 75.5 39.1 117.3





#91
1,2-Dichlorobenzene
Concen: 46.046 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

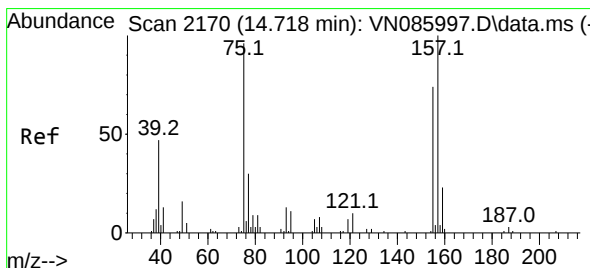
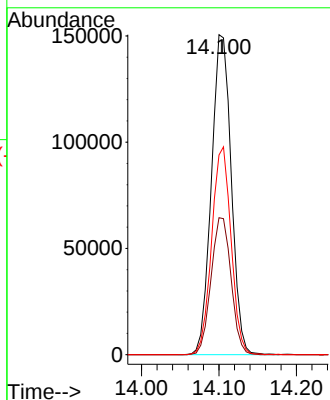
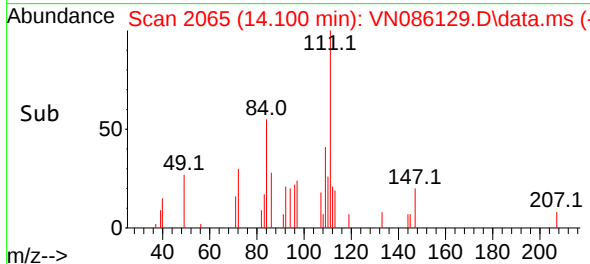
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS03



Tgt Ion:146 Resp: 268310
Ion Ratio Lower Upper
146 100
111 43.1 22.3 66.8
148 63.5 32.1 96.5

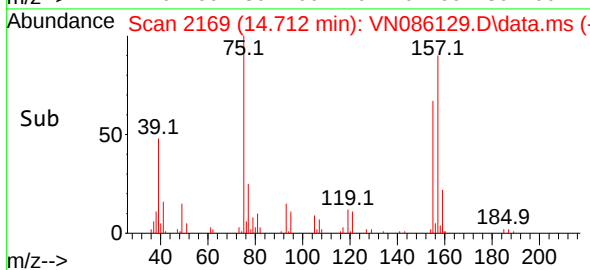
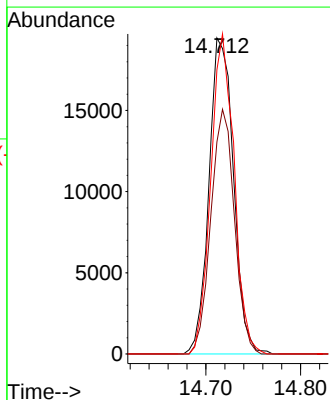
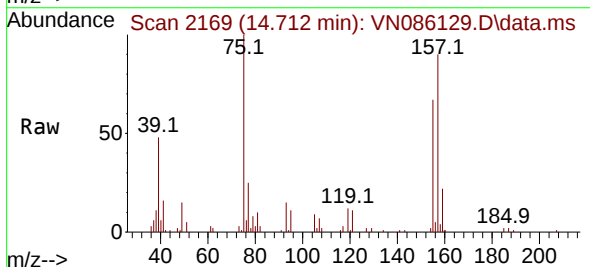
Manual Integrations
APPROVED

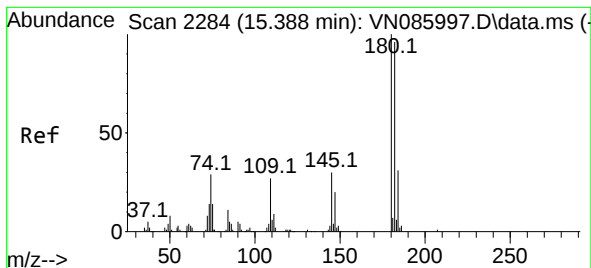
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.377 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086129.D
Acq: 26 Mar 2025 16:24

Tgt Ion: 75 Resp: 34951
Ion Ratio Lower Upper
75 100
155 74.5 41.0 123.0
157 96.0 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 43.911 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS03

Tgt Ion:180 Resp: 12865

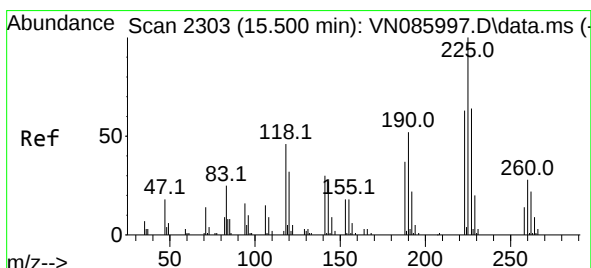
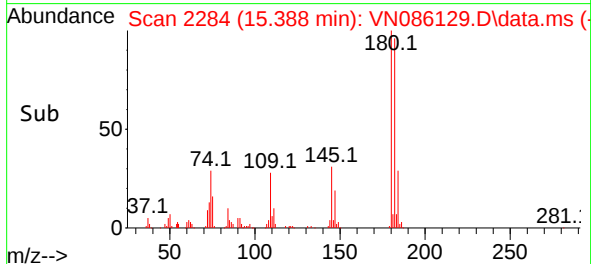
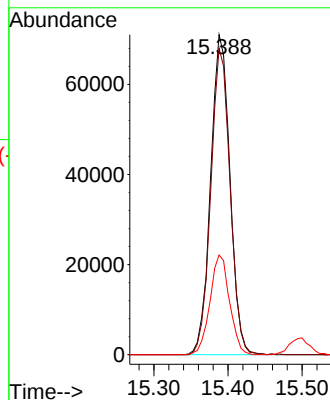
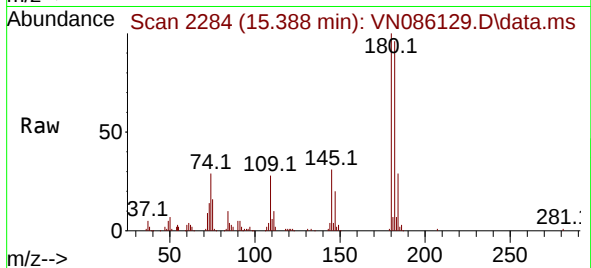
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.0
145	31.5	15.5	46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#94

Hexachlorobutadiene

Concen: 39.749 ug/l

RT: 15.500 min Scan# 2303

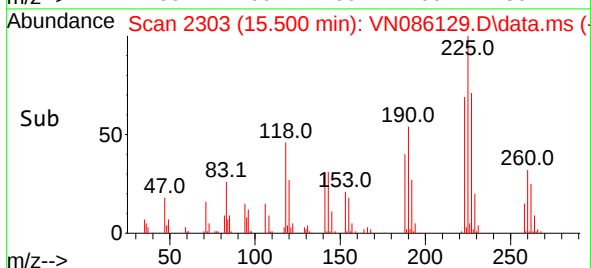
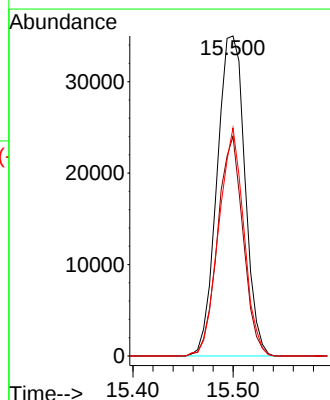
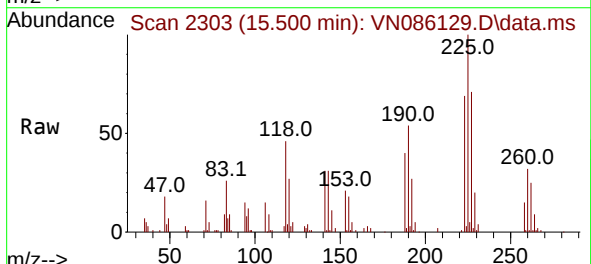
Delta R.T. -0.000 min

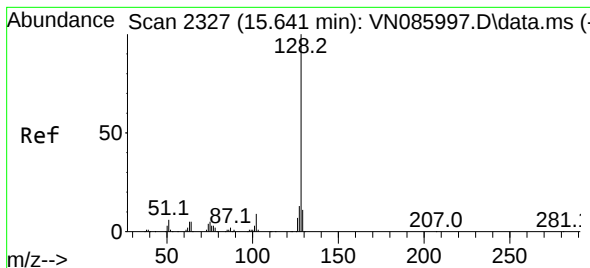
Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

Tgt Ion:225 Resp: 67567

Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.9
227	64.4	32.1	96.3





#95

Naphthalene

Concen: 45.193 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS03

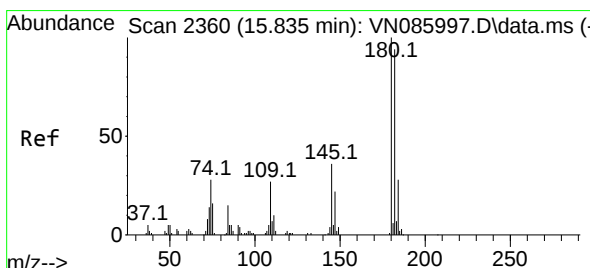
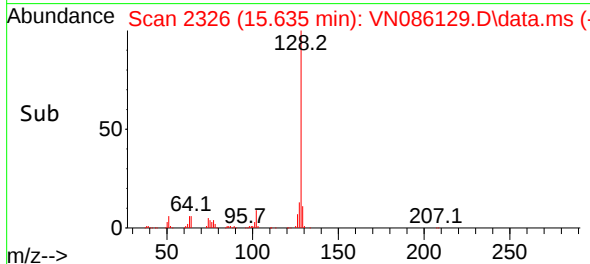
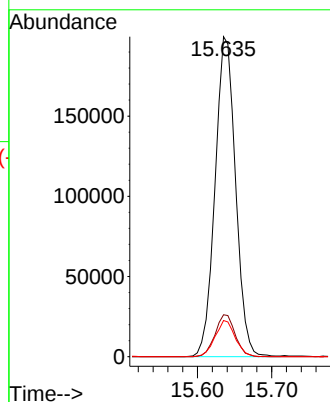
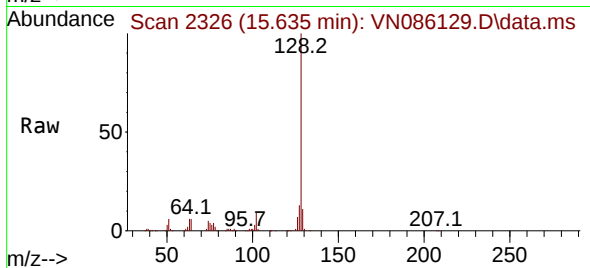
Tgt Ion:128	Resp: 383410
Ion Ratio	Lower Upper
128 100	
127 12.8	10.2 15.4
129 11.2	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 46.056 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086129.D

Acq: 26 Mar 2025 16:24

Tgt Ion:180	Resp: 128041
Ion Ratio	Lower Upper
180 100	
182 93.9	47.5 142.5
145 33.9	17.7 53.1

