

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN085997.D
 Acq On : 18 Mar 2025 12:08
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 19 02:53:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 02:30:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	191040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127029	48.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.120%
35) Dibromofluoromethane	8.165	113	101590	47.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	10.565	98	384569	49.972	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.847	95	141464	51.544	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	122875	48.549	ug/l	100
3) Chloromethane	2.360	50	106345	47.928	ug/l	100
4) Vinyl Chloride	2.507	62	113163	49.880	ug/l	100
5) Bromomethane	2.942	94	72791	47.103	ug/l	100
6) Chloroethane	3.112	64	63077	44.072	ug/l	100
7) Trichlorofluoromethane	3.489	101	186678	45.774	ug/l	100
8) Diethyl Ether	3.959	74	61984	49.647	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	98361	45.380	ug/l	100
10) Methyl Iodide	4.583	142	139044	49.232	ug/l	100
11) Tert butyl alcohol	5.524	59	90032	243.082	ug/l	100
12) 1,1-Dichloroethene	4.336	96	98583	50.369	ug/l	100
13) Acrolein	4.177	56	95299	241.241	ug/l	100
14) Allyl chloride	5.018	41	117849	48.265	ug/l	100
15) Acrylonitrile	5.718	53	236614	241.896	ug/l	100
16) Acetone	4.424	43	185613	232.246	ug/l	100
17) Carbon Disulfide	4.706	76	288424	44.810	ug/l	100
18) Methyl Acetate	5.024	43	89551	45.288	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	323093	50.377	ug/l	100
20) Methylene Chloride	5.271	84	107918	46.158	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	101963	47.670	ug/l	100
22) Diisopropyl ether	6.671	45	263272	50.597	ug/l	100
23) Vinyl Acetate	6.600	43	1019460	258.439	ug/l	100
24) 1,1-Dichloroethane	6.565	63	181215	47.361	ug/l	100
25) 2-Butanone	7.483	43	278702	241.675	ug/l	100
26) 2,2-Dichloropropane	7.489	77	176949	48.036	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	120874	49.730	ug/l	100
28) Bromochloromethane	7.806	49	74679	46.067	ug/l	100
29) Tetrahydrofuran	7.836	42	185207	260.140	ug/l	100
30) Chloroform	7.965	83	194324	45.948	ug/l	100
31) Cyclohexane	8.253	56	152647	46.831	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	188288	47.032	ug/l	100
36) 1,1-Dichloropropene	8.365	75	137990	49.422	ug/l	100
37) Ethyl Acetate	7.559	43	111535	47.350	ug/l	100
38) Carbon Tetrachloride	8.359	117	175652	47.847	ug/l	100
39) Methylcyclohexane	9.600	83	144397	52.126	ug/l	100
40) Benzene	8.606	78	423071	48.268	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	58596	52.096	ug/l	100
42) 1,2-Dichloroethane	8.671	62	144354	47.265	ug/l	100
43) Isopropyl Acetate	8.683	43	195037	38.130	ug/l	100
44) Trichloroethene	9.347	130	105089	46.260	ug/l	100
45) 1,2-Dichloropropane	9.618	63	97398	48.856	ug/l	100
46) Dibromomethane	9.706	93	73743	47.036	ug/l	100
47) Bromodichloromethane	9.883	83	156908	47.887	ug/l	100
48) Methyl methacrylate	9.677	41	87911	52.192	ug/l	100
49) 1,4-Dioxane	9.694	88	41818	1050.235	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	584167	259.501	ug/l	100
52) Toluene	10.630	92	277914	51.661	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	163659	51.430	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	172456	51.366	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	99259	48.343	ug/l	100
56) Ethyl methacrylate	10.871	69	159926	49.943	ug/l	100
57) 1,3-Dichloropropane	11.159	76	172224	49.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	323306	261.262	ug/l	100
59) 2-Hexanone	11.194	43	431923	263.380	ug/l	100
60) Dibromochloromethane	11.359	129	131303	49.558	ug/l	100
61) 1,2-Dibromoethane	11.465	107	106539	50.543	ug/l	100
64) Tetrachloroethene	11.100	164	101407	46.478	ug/l	100
65) Chlorobenzene	11.888	112	296813	47.424	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	111333	47.853	ug/l	100
67) Ethyl Benzene	11.959	91	524655	52.405	ug/l	100
68) m/p-Xylenes	12.071	106	413470	105.075	ug/l	100
69) o-Xylene	12.394	106	195107	54.023	ug/l	100
70) Styrene	12.406	104	333544	54.070	ug/l	100
71) Bromoform	12.577	173	94268	48.469	ug/l #	100
73) Isopropylbenzene	12.694	105	496368	52.708	ug/l	100
74) N-amyl acetate	12.494	43	168199	53.384	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	145034	45.522	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	199156	63.345	ug/l	73
77) Bromobenzene	12.976	156	125436	47.769	ug/l	100
78) n-propylbenzene	13.035	91	576797	54.089	ug/l	100
79) 2-Chlorotoluene	13.124	91	361320	51.012	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	430051	54.088	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	57082	48.881	ug/l	100
82) 4-Chlorotoluene	13.218	91	371739	51.036	ug/l	100
83) tert-Butylbenzene	13.435	119	351295	51.660	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	431645	53.825	ug/l	100
85) sec-Butylbenzene	13.612	105	484551	54.622	ug/l	100
86) p-Isopropyltoluene	13.729	119	418830	55.774	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	232357	49.090	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	229820	46.213	ug/l	100
89) n-Butylbenzene	14.053	91	334309	54.669	ug/l	100
90) Hexachloroethane	14.329	117	80312	46.350	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	220326	46.825	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	30533	48.010	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	117285	49.573	ug/l	100
94) Hexachlorobutadiene	15.500	225	60983	44.428	ug/l	100
95) Naphthalene	15.641	128	359331	52.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	114262	50.897	ug/l	100

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QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

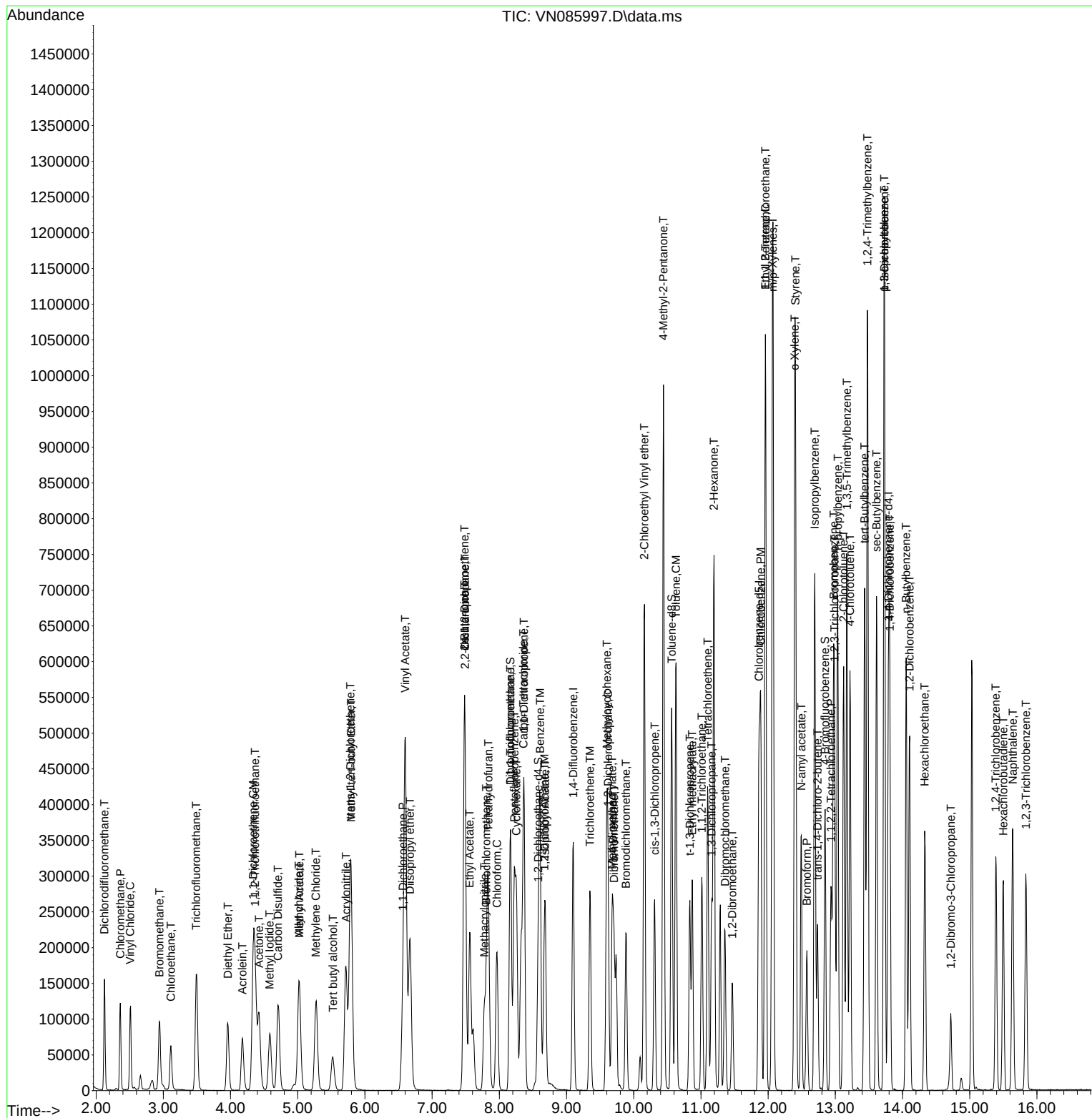
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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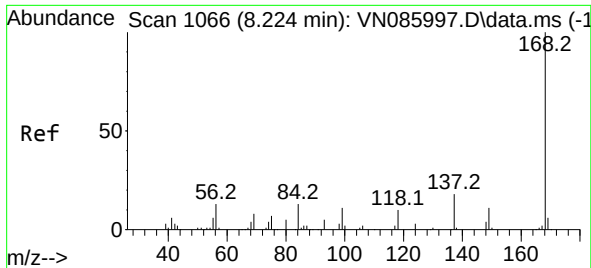
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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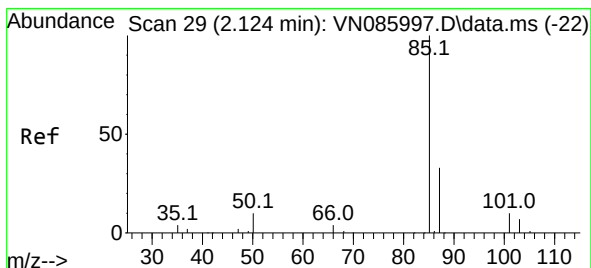
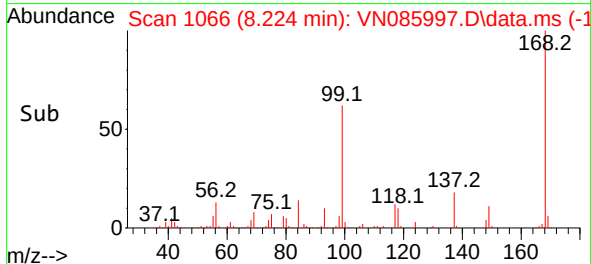
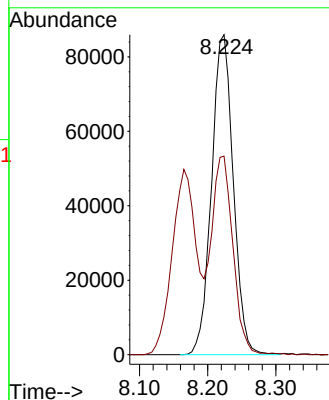
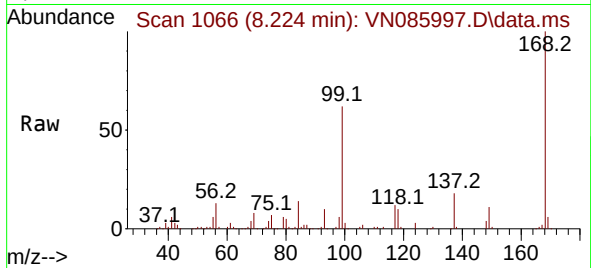




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN085997.D
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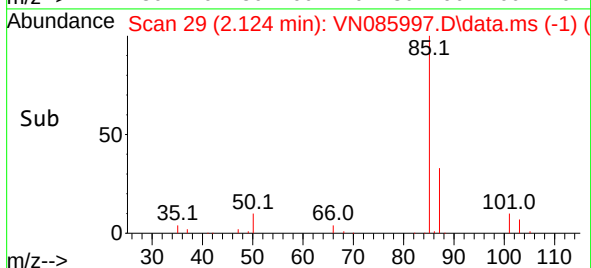
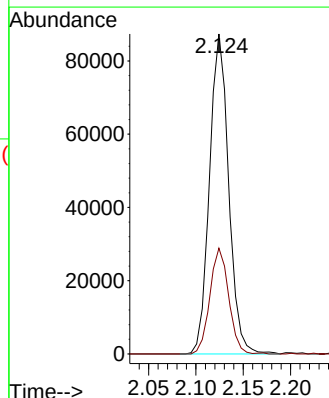
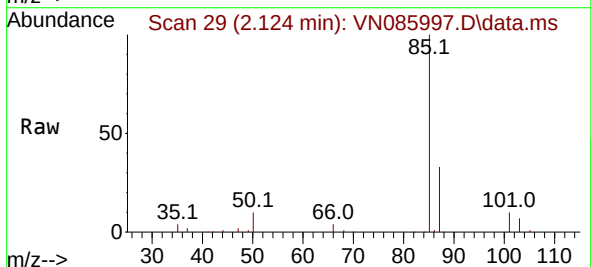
Instrument :
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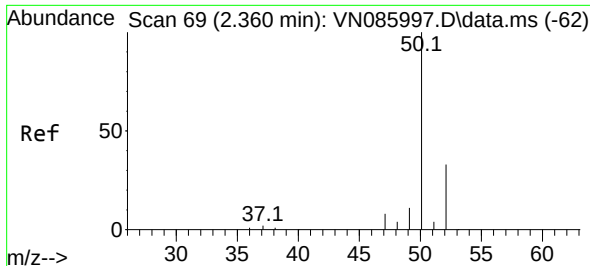
Tgt Ion:168 Resp: 191040
Ion Ratio Lower Upper
168 100
99 61.8 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 48.549 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 85 Resp: 122875
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5

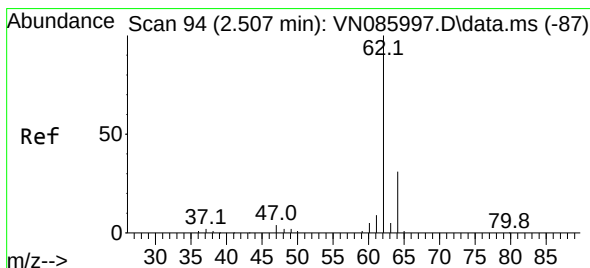
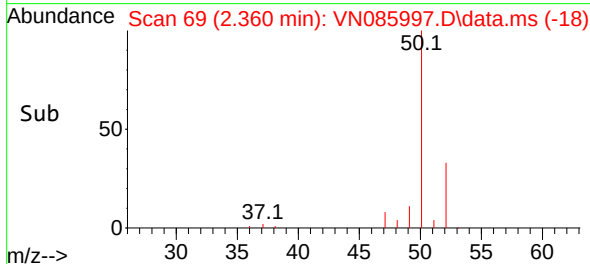
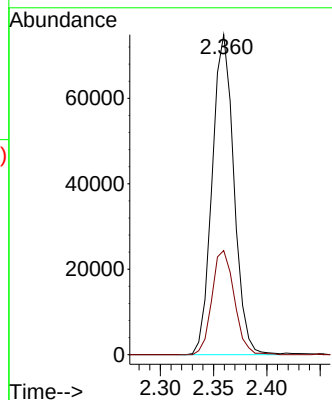
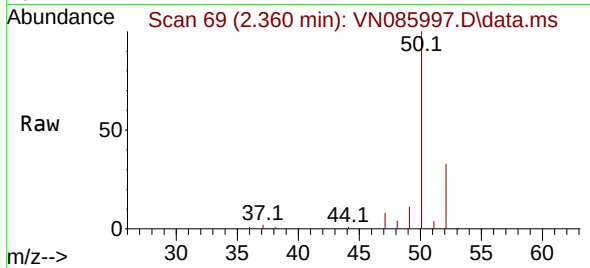




#3
Chloromethane
Concen: 47.928 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

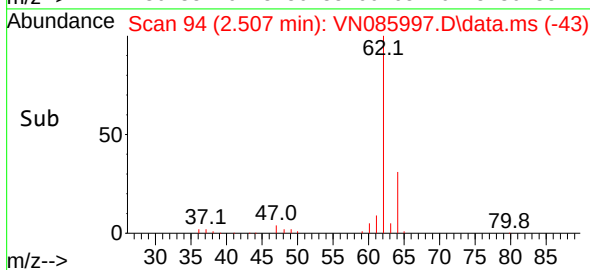
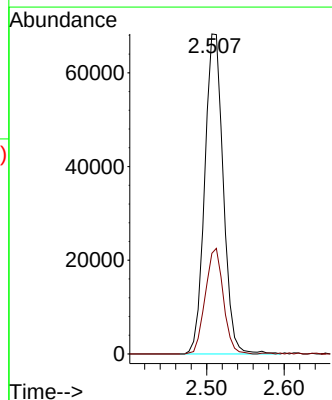
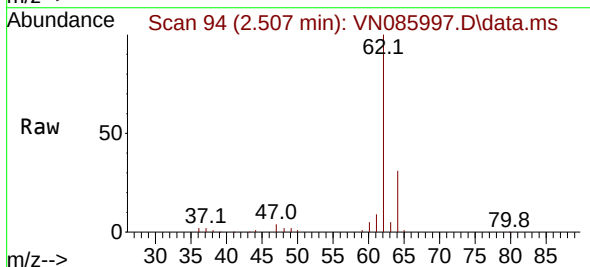
Instrument :
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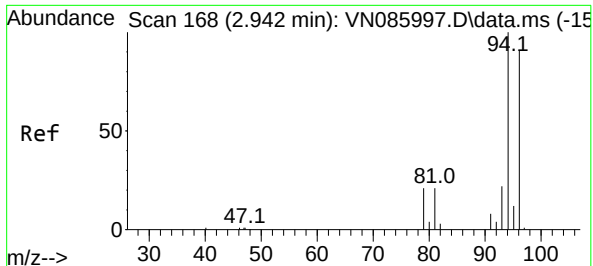
Tgt Ion: 50 Resp: 106345
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 49.880 ug/l
RT: 2.507 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 62 Resp: 113163
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

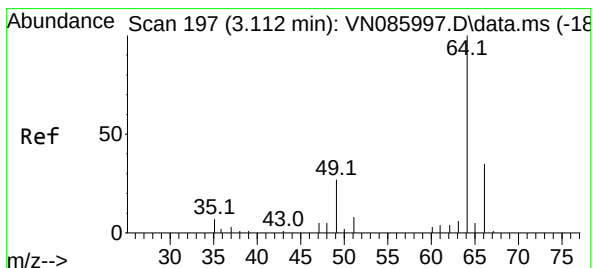
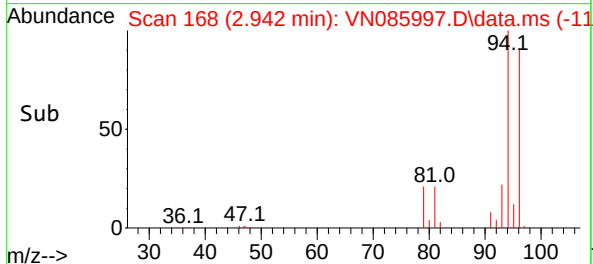
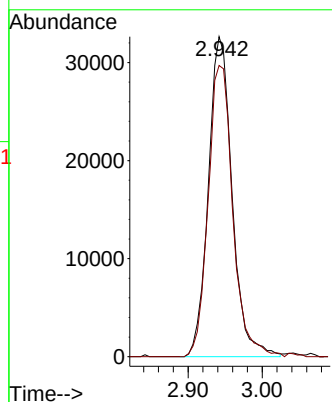
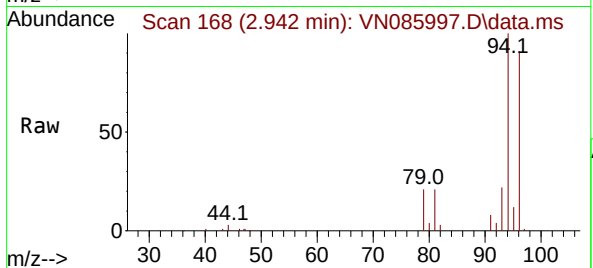




#5
Bromomethane
Concen: 47.103 ug/l
RT: 2.942 min Scan# 168
Delta R.T. 0.000 min
Lab File: VN085997.D
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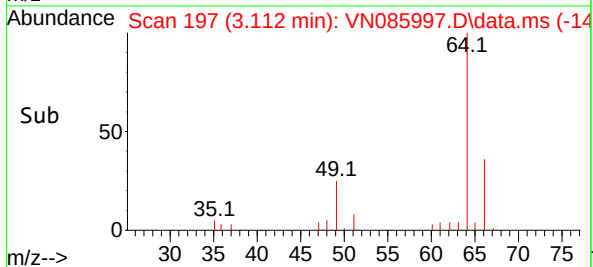
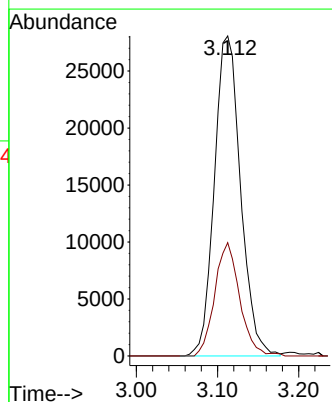
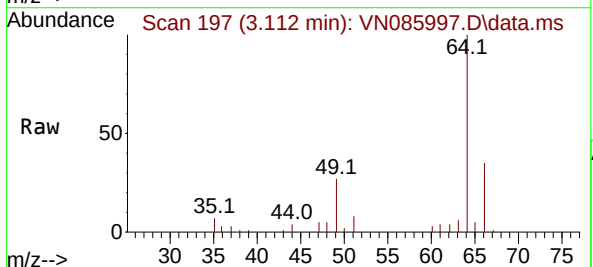
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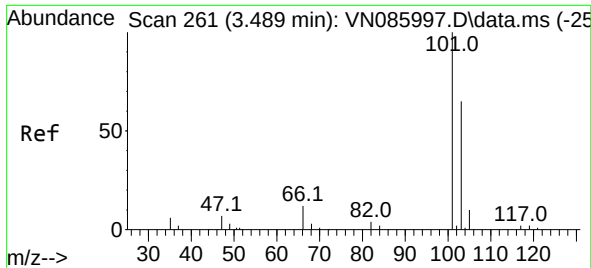
Tgt Ion: 94 Resp: 72791
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2



#6
Chloroethane
Concen: 44.072 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 64 Resp: 63077
Ion Ratio Lower Upper
64 100
66 35.4 28.3 42.5

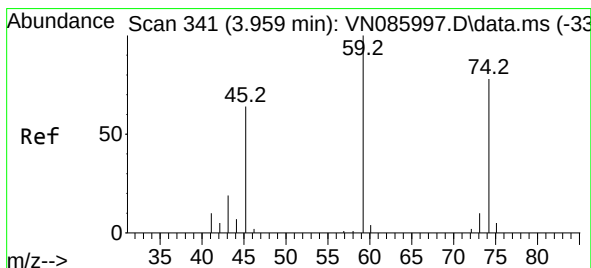
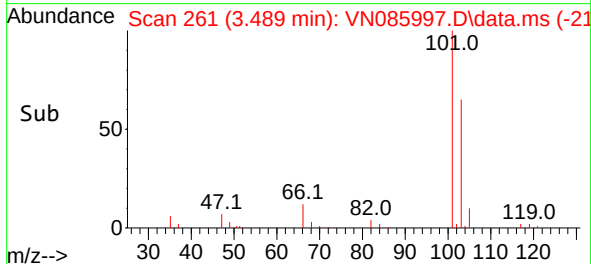
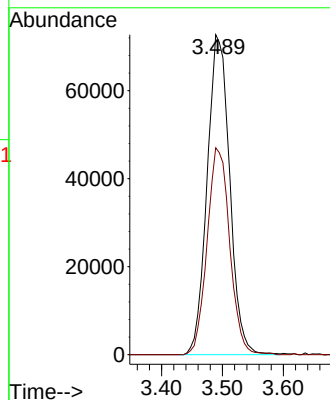
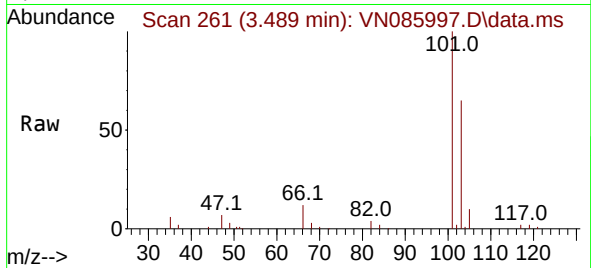




#7
 Trichlorofluoromethane
 Concen: 45.774 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

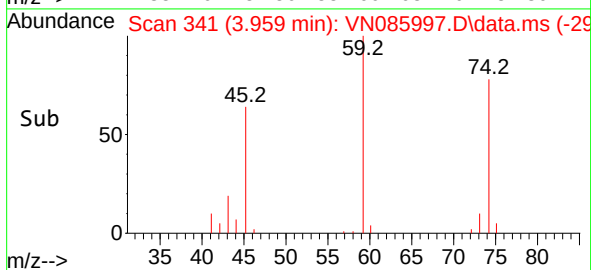
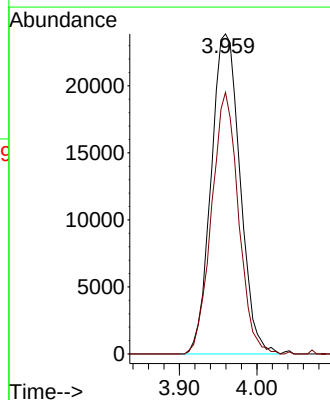
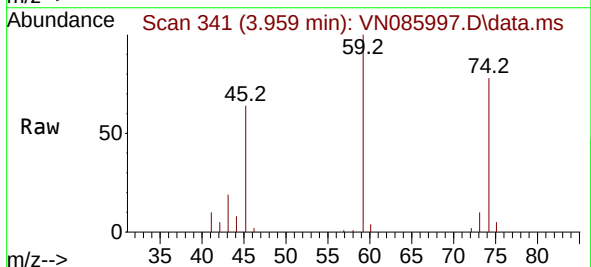
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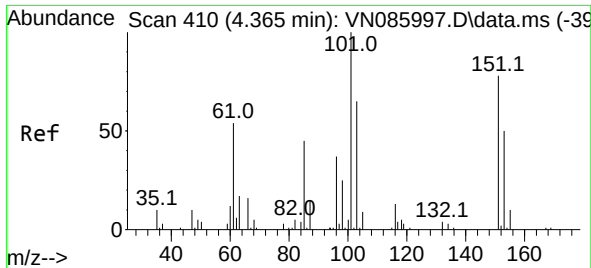
Tgt Ion:101 Resp: 186678
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 49.647 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 61984
 Ion Ratio Lower Upper
 74 100
 45 75.9 38.0 113.9

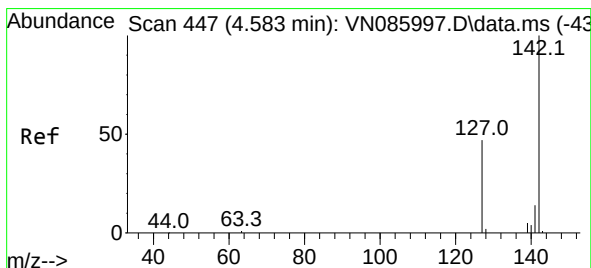
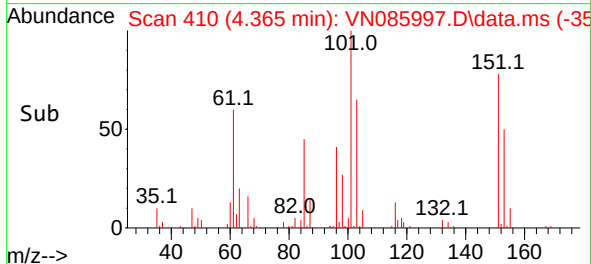
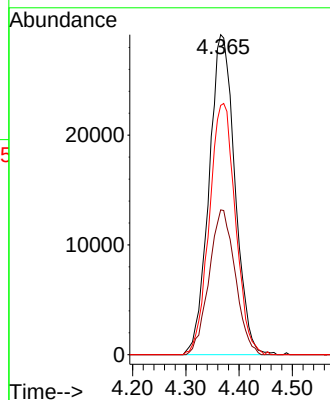
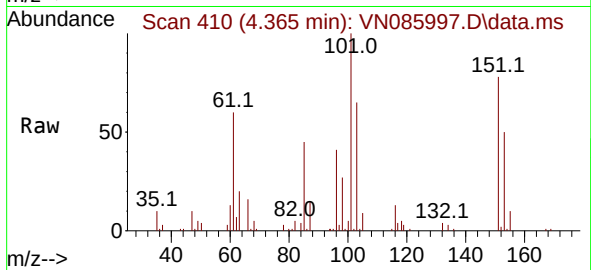




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.380 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

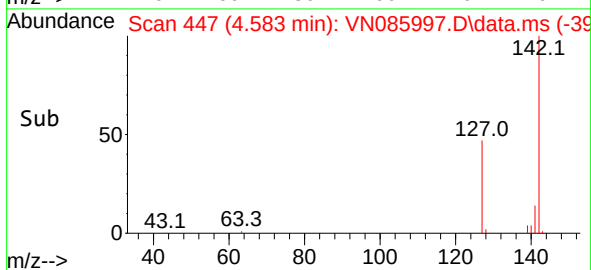
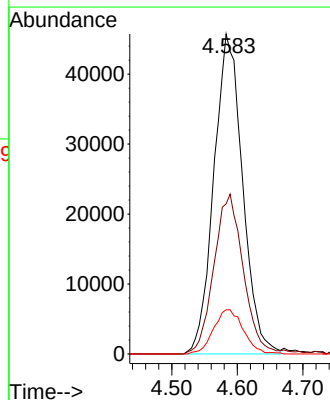
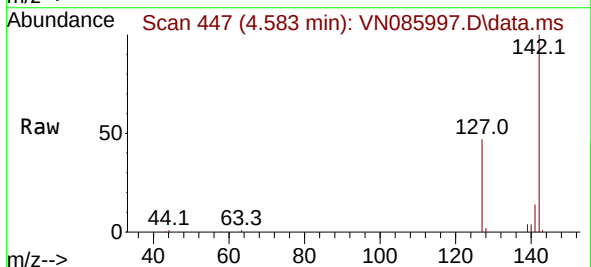
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

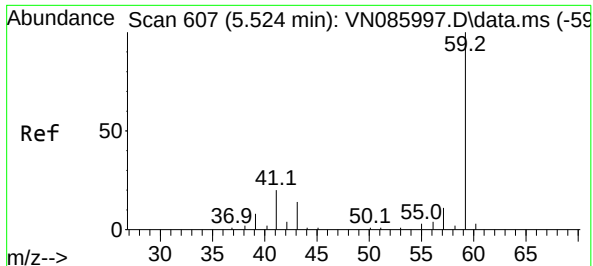
Tgt Ion:101 Resp: 98361
Ion Ratio Lower Upper
101 100
85 45.6 36.5 54.7
151 79.2 63.4 95.0



#10
Methyl Iodide
Concen: 49.232 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion:142 Resp: 139044
Ion Ratio Lower Upper
142 100
127 46.9 37.5 56.3
141 13.8 11.0 16.6

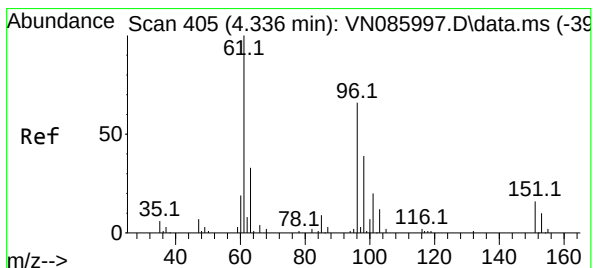
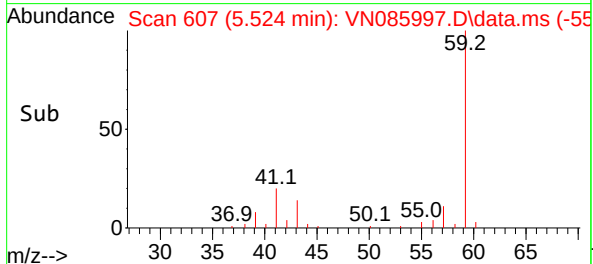
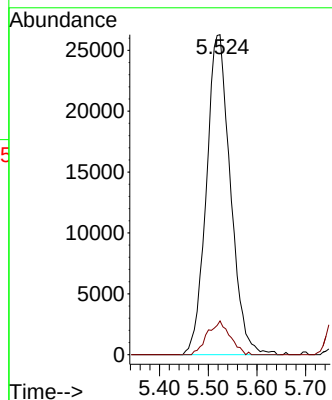
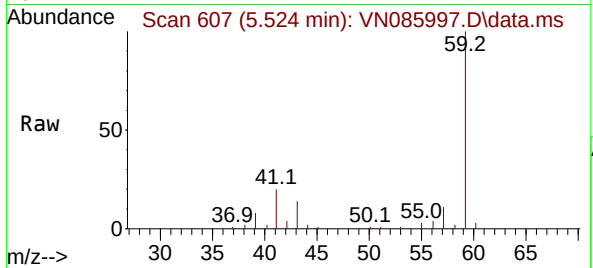




#11
Tert butyl alcohol
Concen: 243.082 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

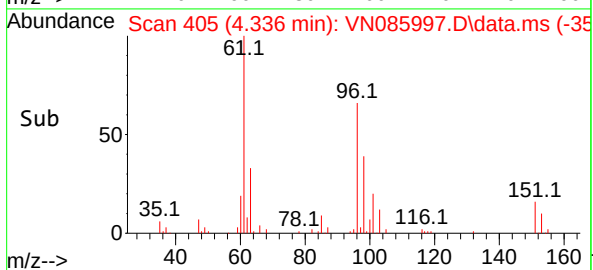
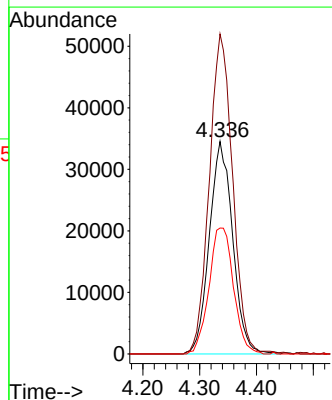
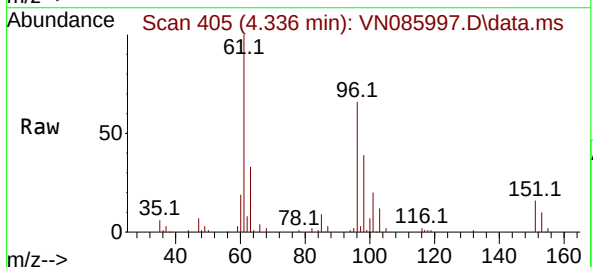
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

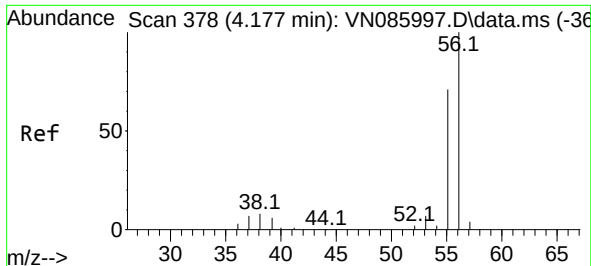
Tgt Ion: 59 Resp: 90032
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9



#12
1,1-Dichloroethene
Concen: 50.369 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 96 Resp: 98583
Ion Ratio Lower Upper
96 100
61 150.6 120.5 180.7
98 59.2 47.4 71.0

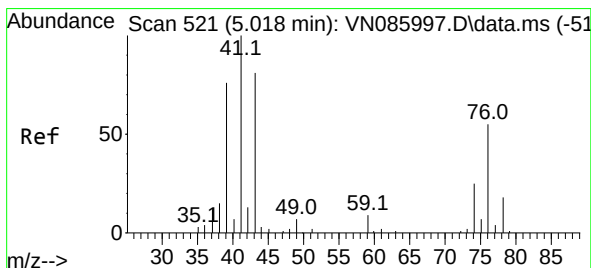
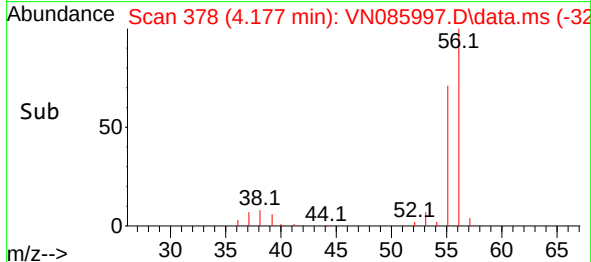
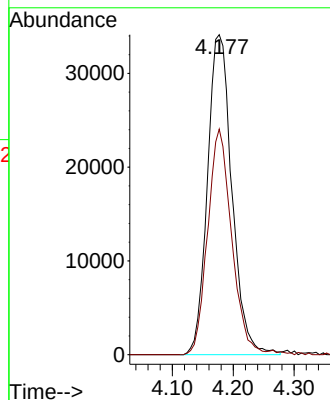
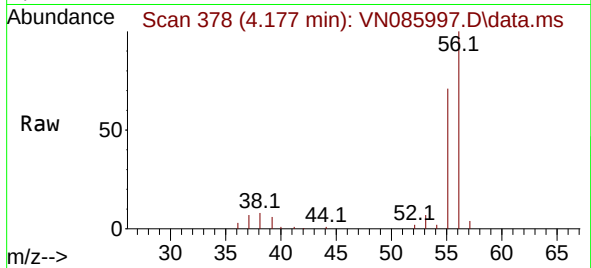




#13
Acrolein
Concen: 241.241 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

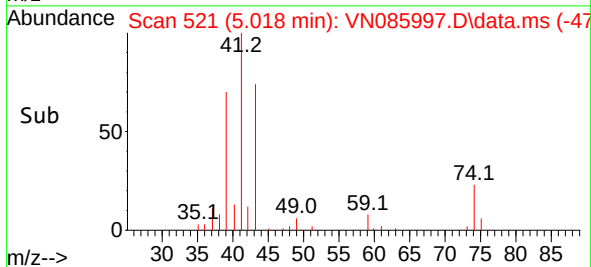
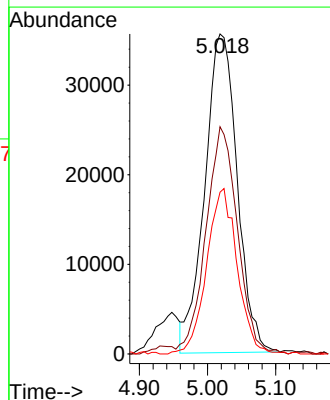
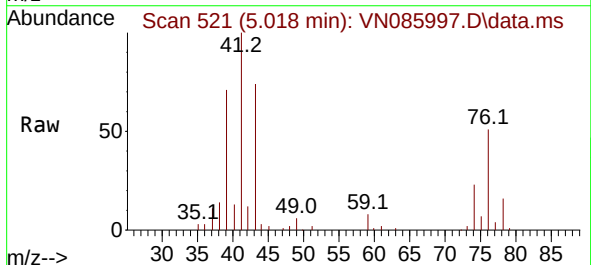
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

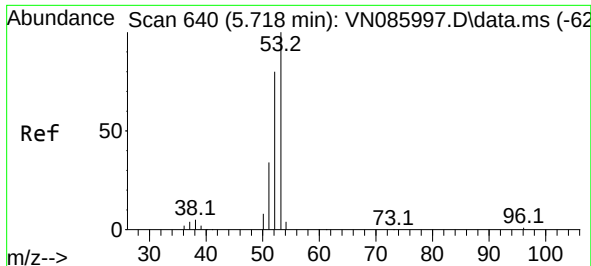
Tgt Ion: 56 Resp: 95299
Ion Ratio Lower Upper
56 100
55 68.9 55.1 82.7



#14
Allyl chloride
Concen: 48.265 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 41 Resp: 117849
Ion Ratio Lower Upper
41 100
39 69.4 55.5 83.3
76 48.9 39.1 58.7

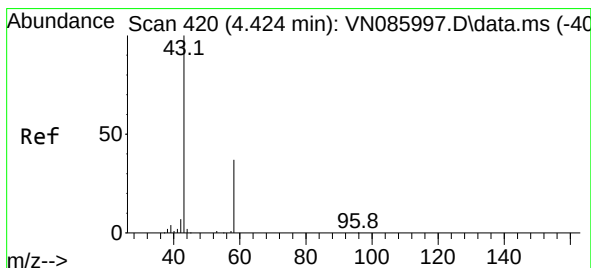
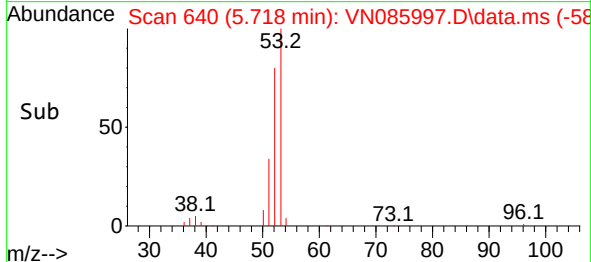
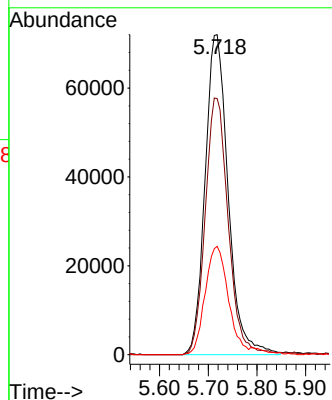
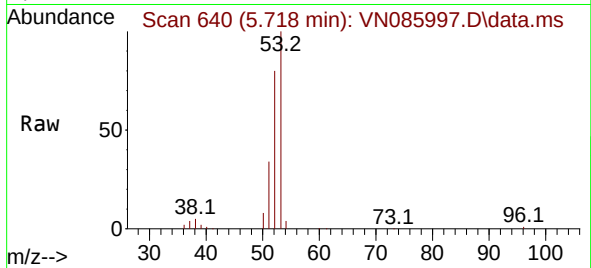




#15
Acrylonitrile
Concen: 241.896 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

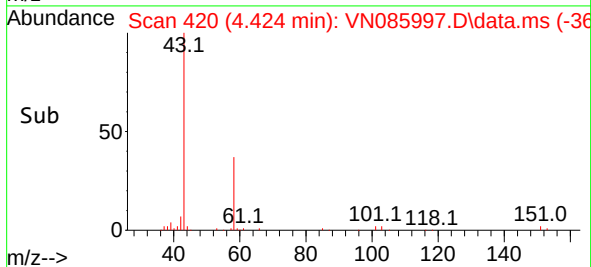
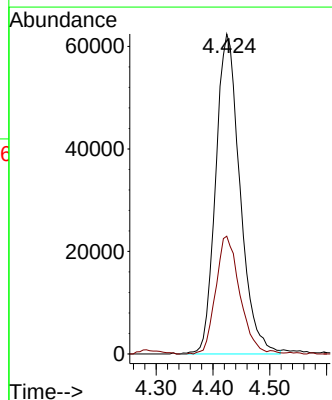
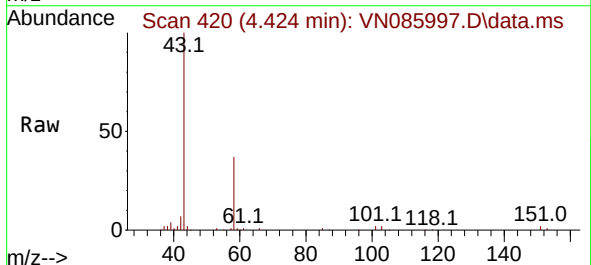
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

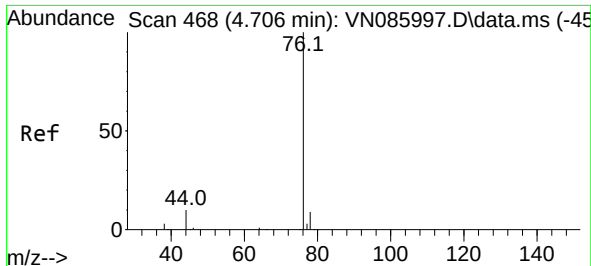
Tgt Ion: 53 Resp: 236614
Ion Ratio Lower Upper
53 100
52 79.9 63.9 95.9
51 33.9 27.1 40.7



#16
Acetone
Concen: 232.246 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 43 Resp: 185613
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.2

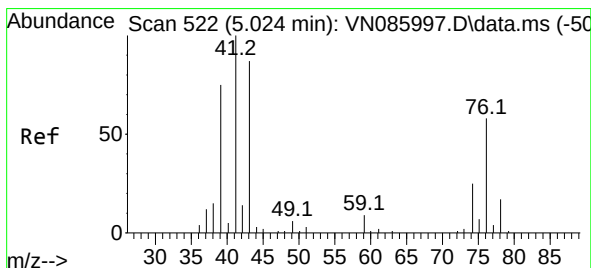
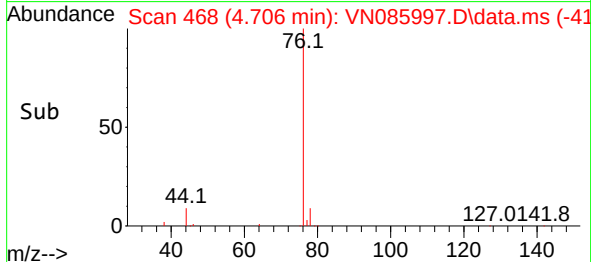
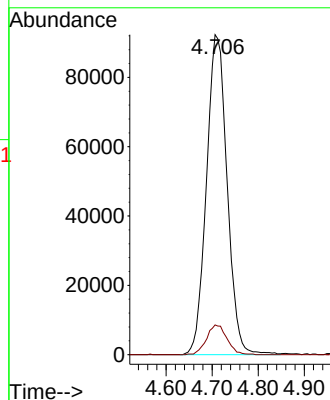
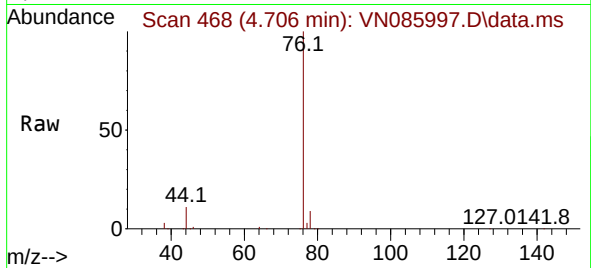




#17
Carbon Disulfide
Concen: 44.810 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

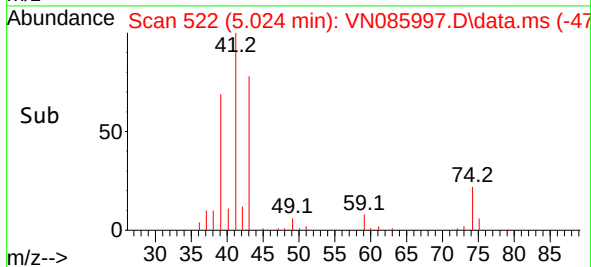
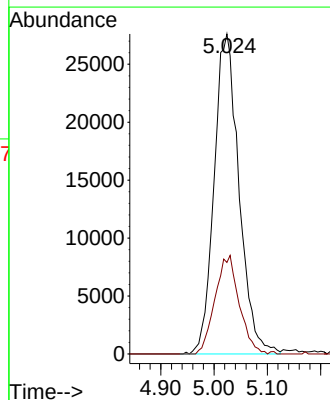
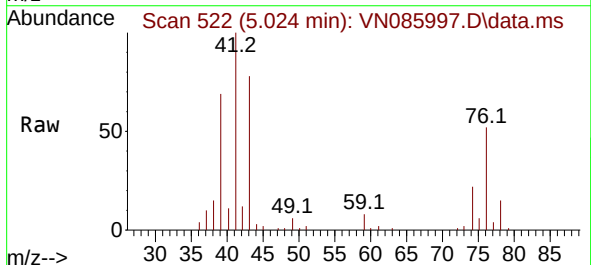
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

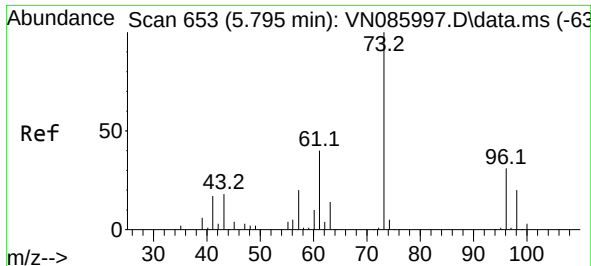
Tgt Ion: 76 Resp: 288424
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 45.288 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 43 Resp: 89551
Ion Ratio Lower Upper
43 100
74 29.9 23.9 35.9

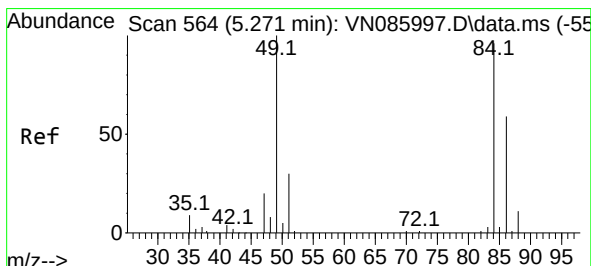
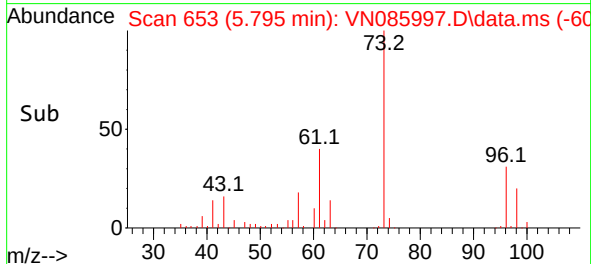
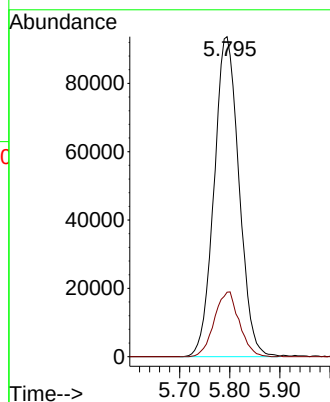
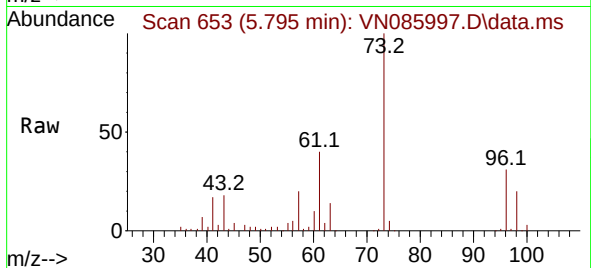




#19
Methyl tert-butyl Ether
Concen: 50.377 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

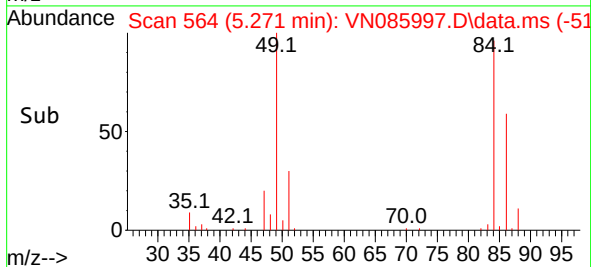
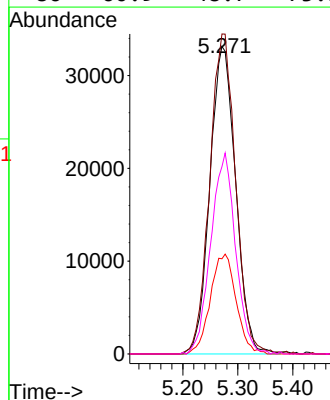
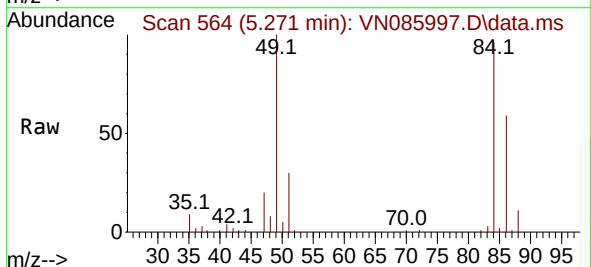
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

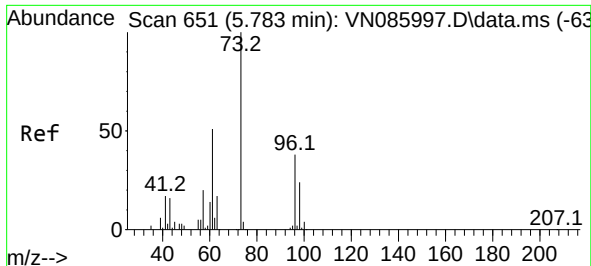
Tgt Ion: 73 Resp: 323093
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1



#20
Methylene Chloride
Concen: 46.158 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 84 Resp: 107918
Ion Ratio Lower Upper
84 100
49 104.1 83.3 124.9
51 31.0 24.8 37.2
86 60.9 48.7 73.1

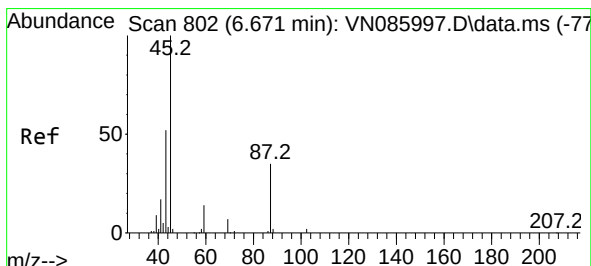
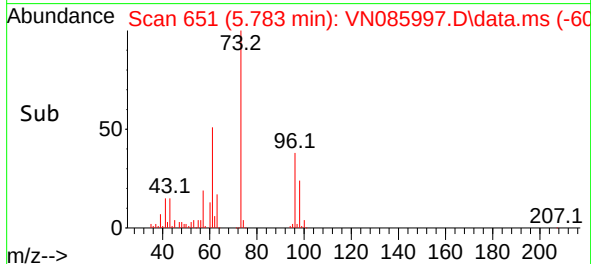
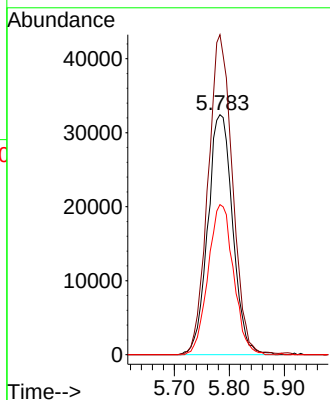
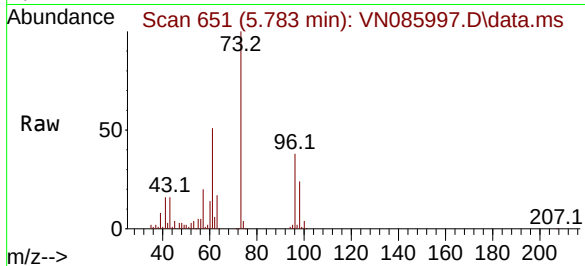




#21
trans-1,2-Dichloroethene
Concen: 47.670 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

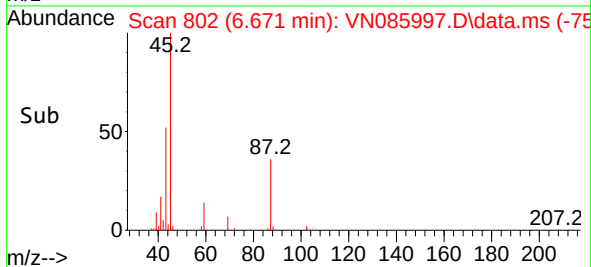
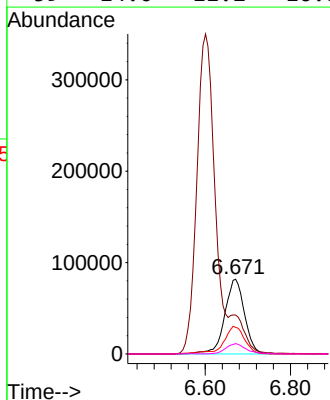
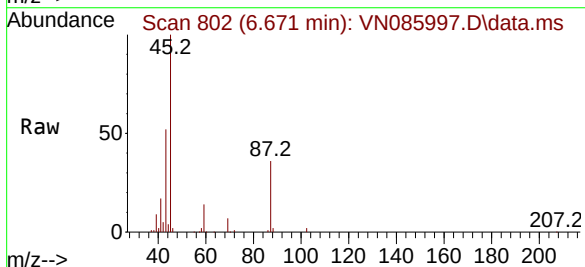
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

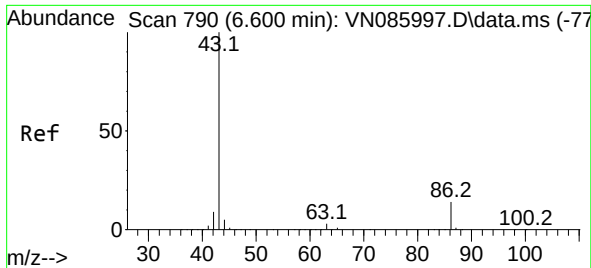
Tgt Ion: 96 Resp: 101963
Ion Ratio Lower Upper
96 100
61 133.3 106.6 160.0
98 62.5 50.0 75.0



#22
Diisopropyl ether
Concen: 50.597 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 45 Resp: 263272
Ion Ratio Lower Upper
45 100
43 51.5 41.2 61.8
87 35.6 28.5 42.7
59 14.0 11.2 16.8

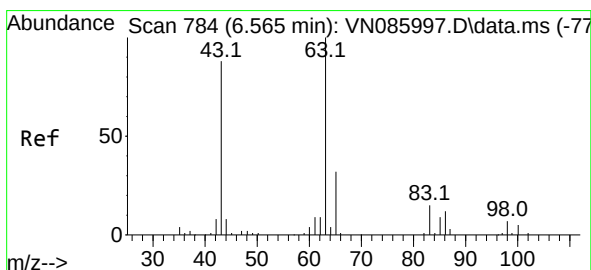
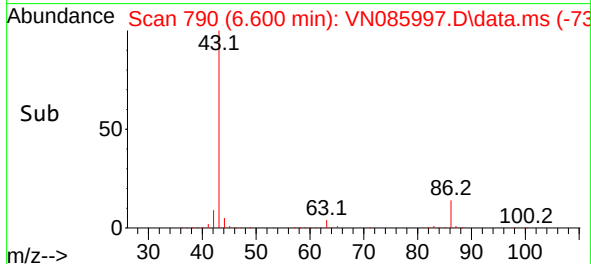
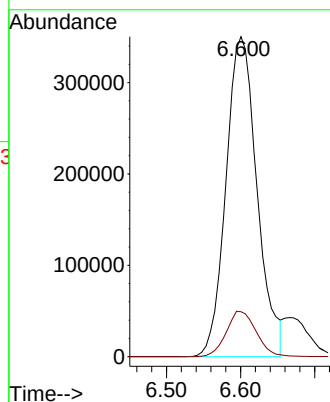
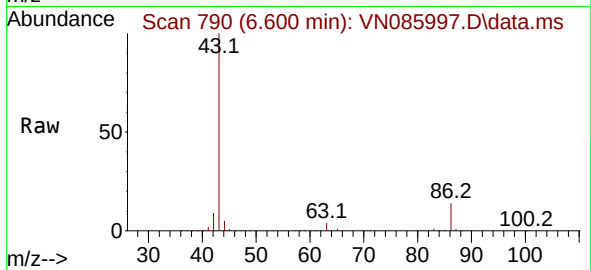




#23
 Vinyl Acetate
 Concen: 258.439 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

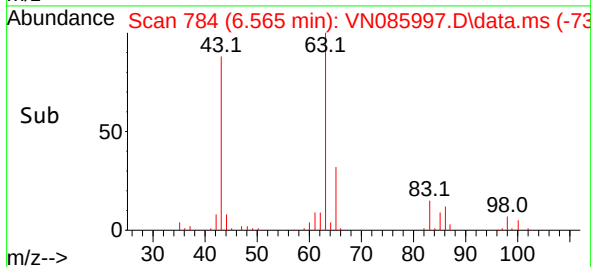
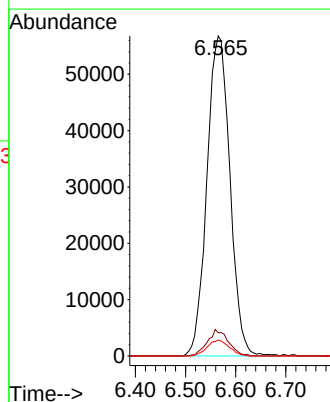
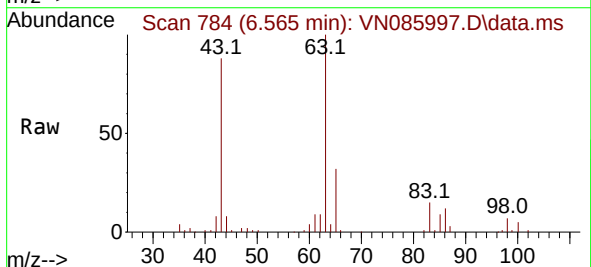
Instrument :
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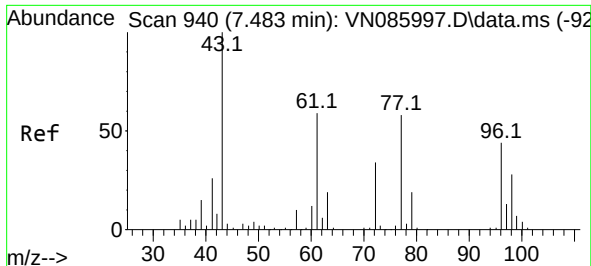
Tgt Ion: 43 Resp: 1019460
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 47.361 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

Tgt Ion: 63 Resp: 181215
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 241.675 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

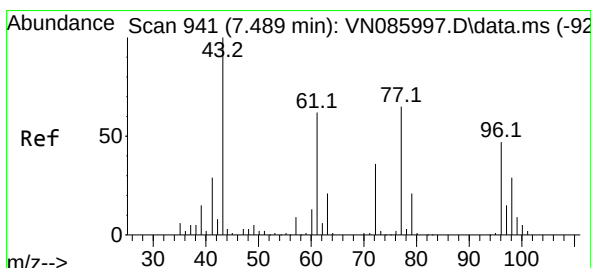
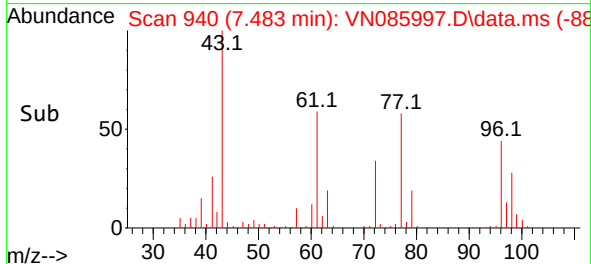
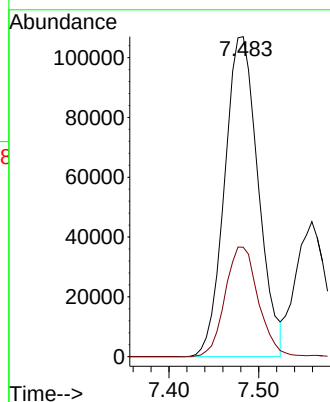
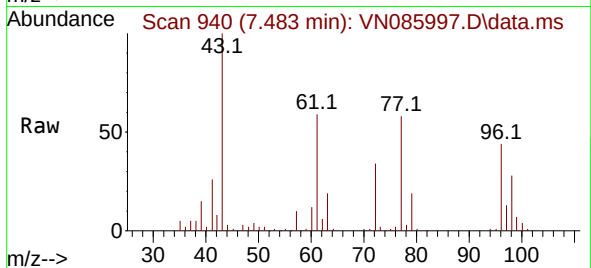
VSTDICCC050

Tgt Ion: 43 Resp: 278702

Ion Ratio Lower Upper

43 100

72 34.2 27.4 41.0



#26

2,2-Dichloropropane

Concen: 48.036 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN085997.D

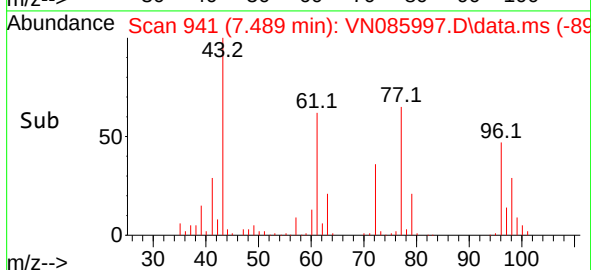
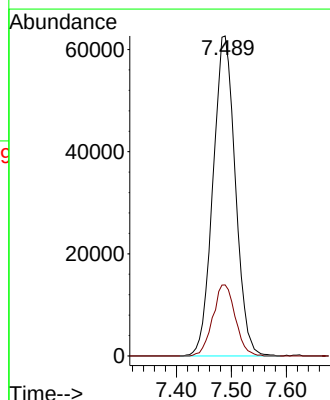
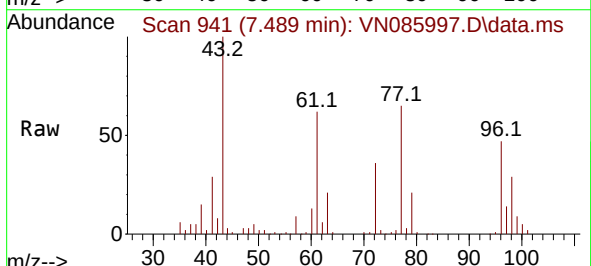
Acq: 18 Mar 2025 12:08

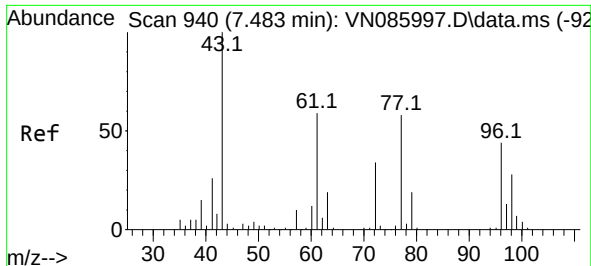
Tgt Ion: 77 Resp: 176949

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 49.730 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

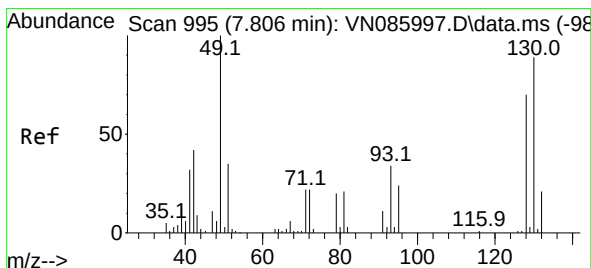
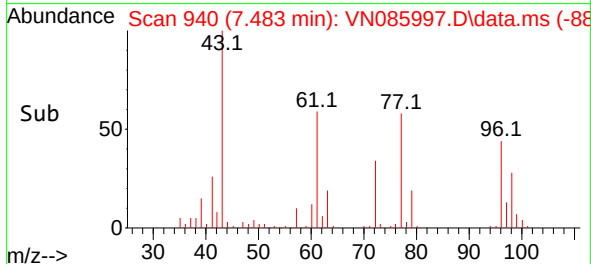
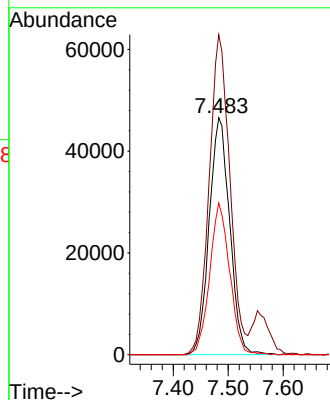
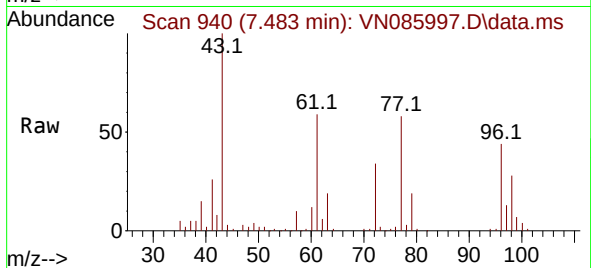
Tgt Ion: 96 Resp: 120874

Ion Ratio Lower Upper

96 100

61 136.4 0.0 272.8

98 62.4 0.0 124.8



#28

Bromochloromethane

Concen: 46.067 ug/l

RT: 7.806 min Scan# 995

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

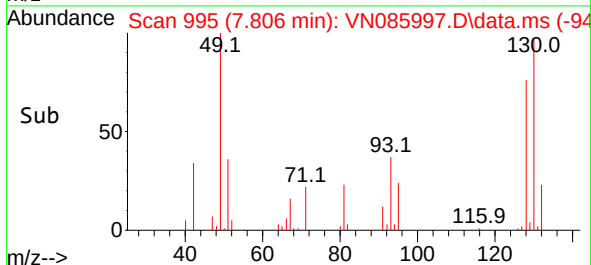
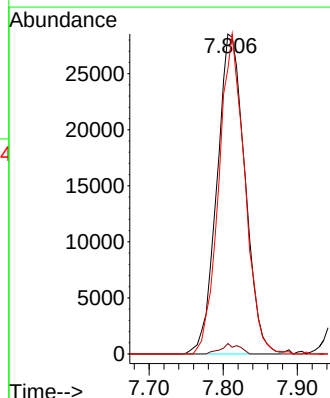
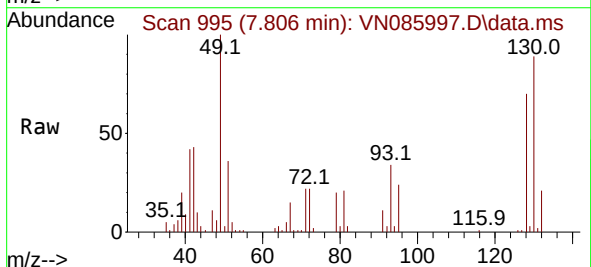
Tgt Ion: 49 Resp: 74679

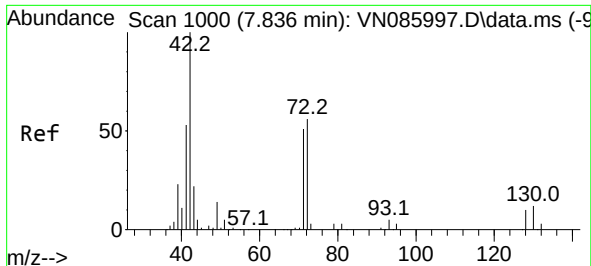
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 92.8 74.2 111.4





#29

Tetrahydrofuran

Concen: 260.140 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

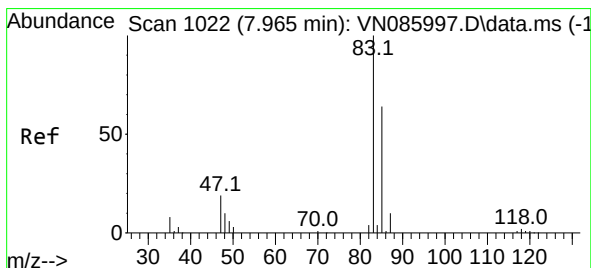
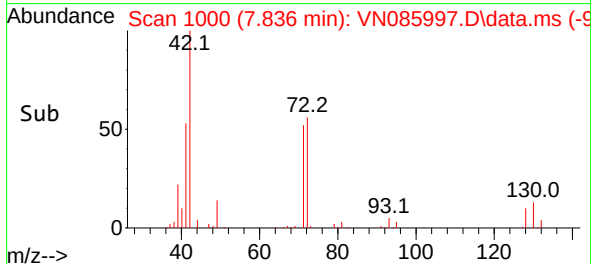
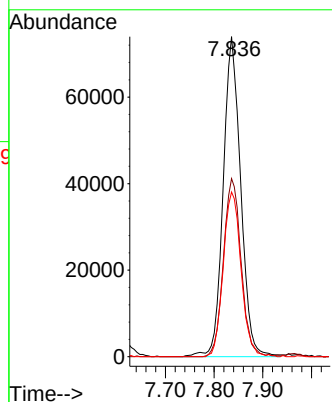
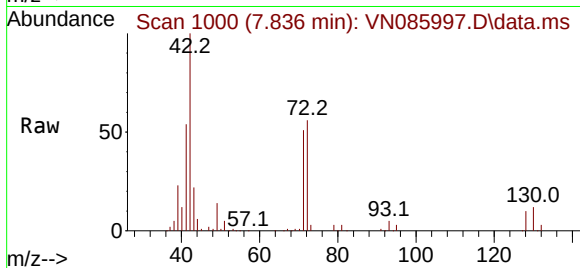
Tgt Ion: 42 Resp: 185207

Ion Ratio Lower Upper

42 100

72 56.2 45.0 67.4

71 52.4 41.9 62.9



#30

Chloroform

Concen: 45.948 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN085997.D

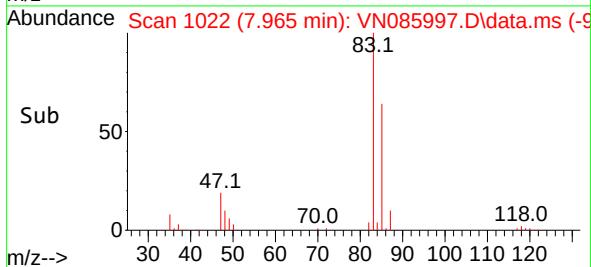
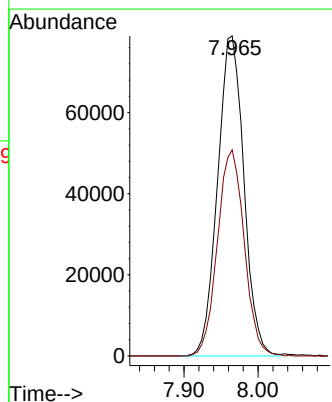
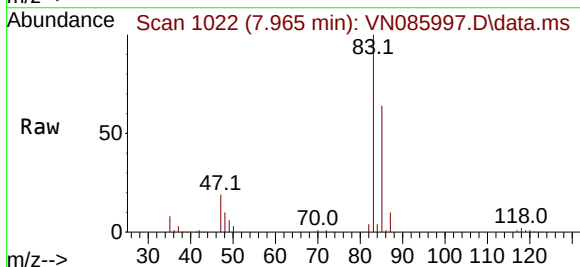
Acq: 18 Mar 2025 12:08

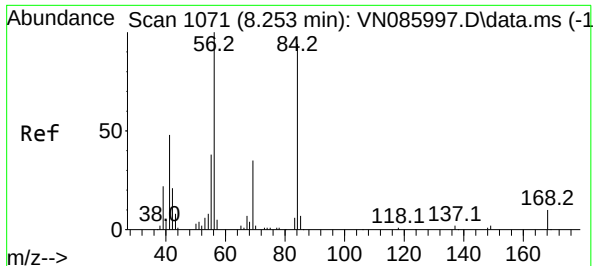
Tgt Ion: 83 Resp: 194324

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

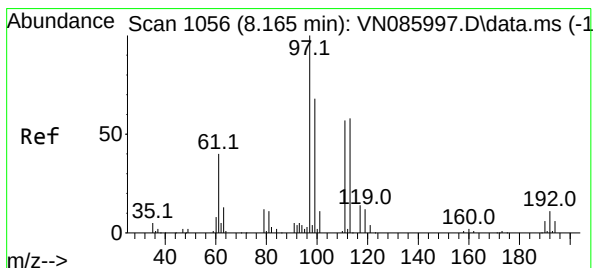
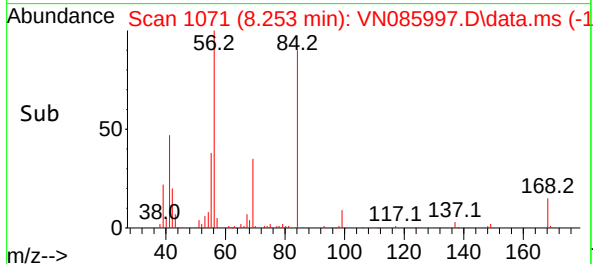
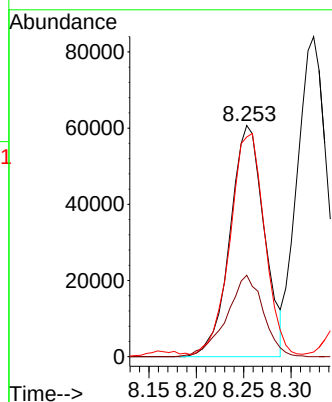
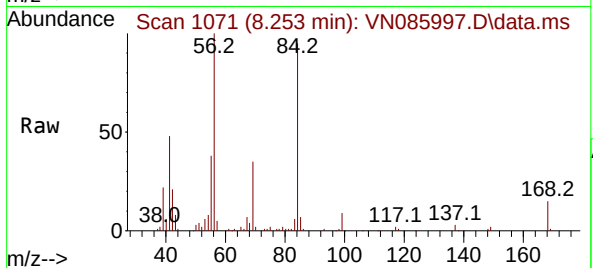




#31
Cyclohexane
Concen: 46.831 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

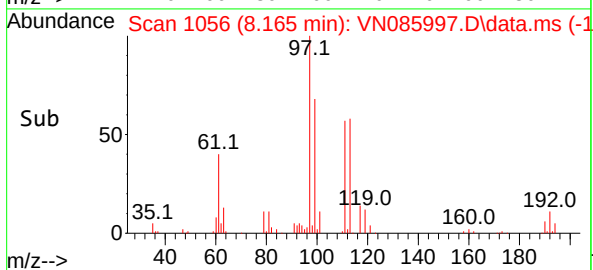
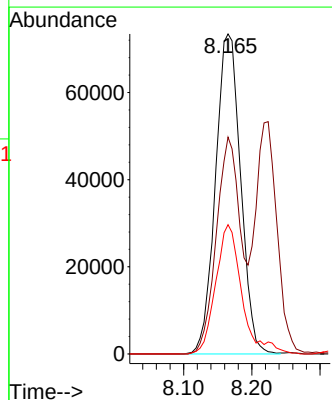
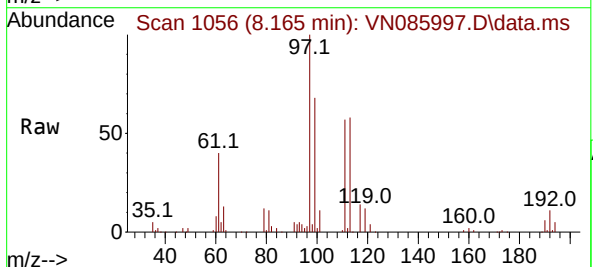
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

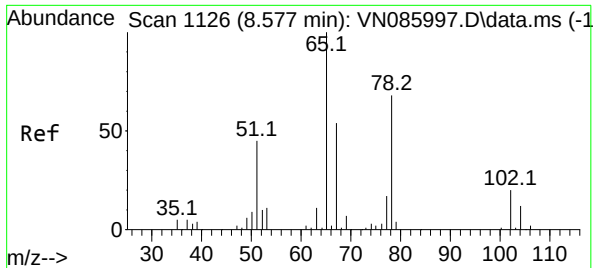
Tgt Ion: 56 Resp: 152647
Ion Ratio Lower Upper
56 100
69 35.0 28.0 42.0
84 93.8 75.0 112.6



#32
1,1,1-Trichloroethane
Concen: 47.032 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 97 Resp: 188288
Ion Ratio Lower Upper
97 100
99 66.0 52.8 79.2
61 42.0 33.6 50.4

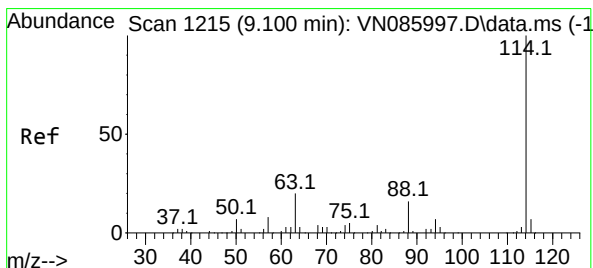
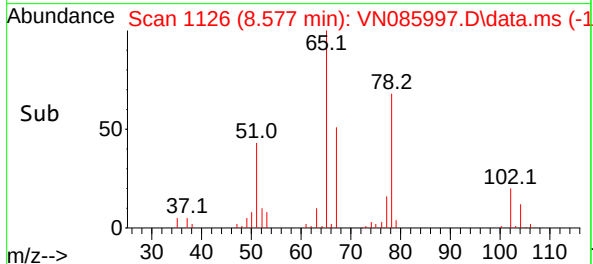
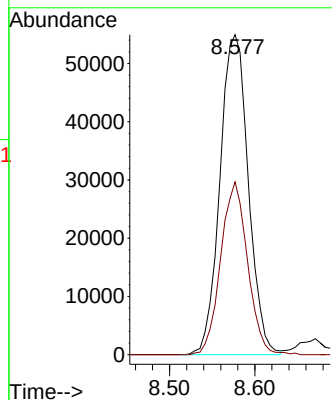
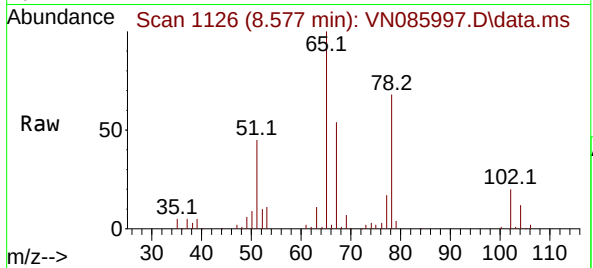




#33
 1,2-Dichloroethane-d4
 Concen: 48.559 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

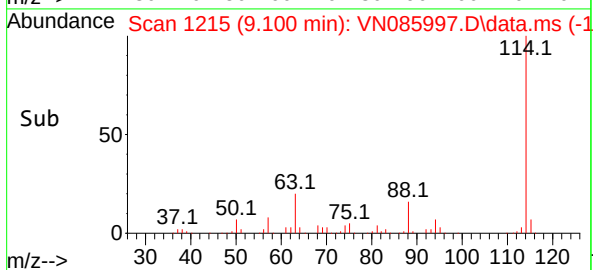
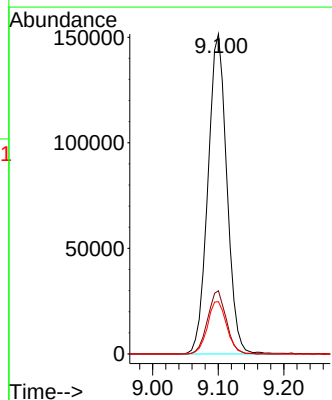
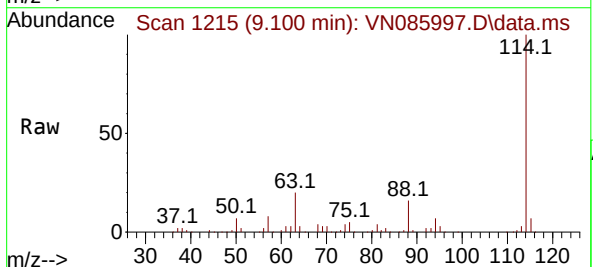
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

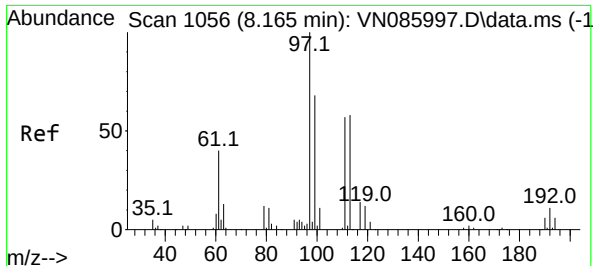
Tgt Ion: 65 Resp: 127029
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

Tgt Ion: 114 Resp: 303794
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 16.3 0.0 32.6

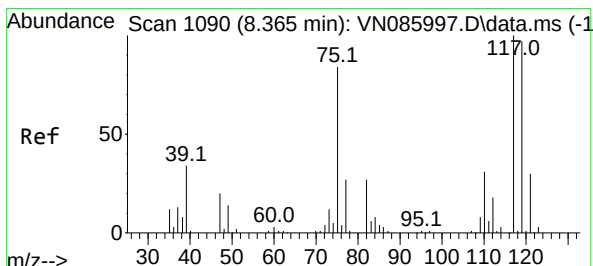
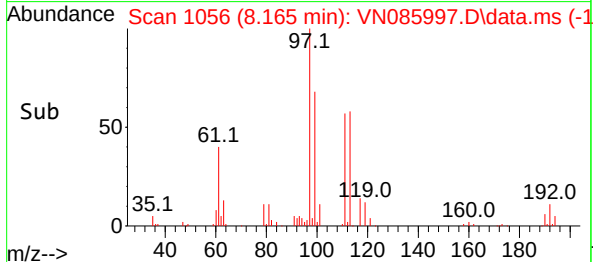
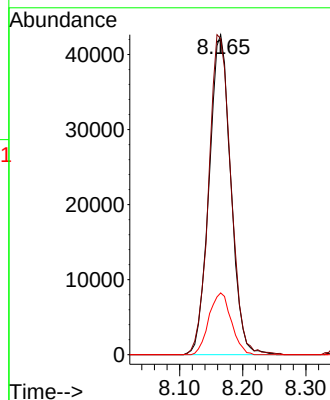
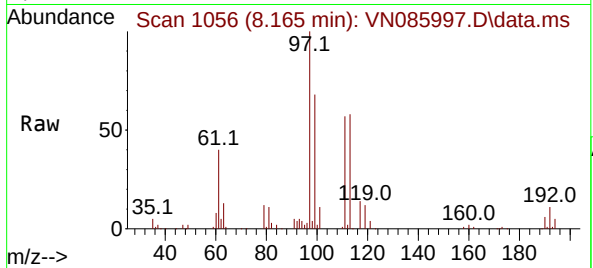




#35
Dibromofluoromethane
Concen: 47.910 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

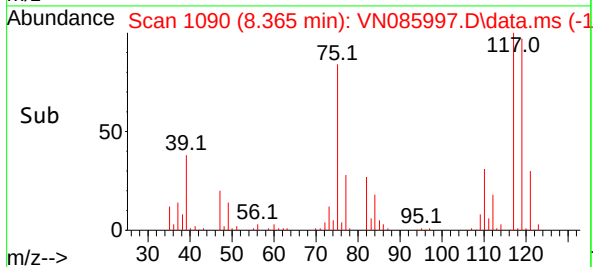
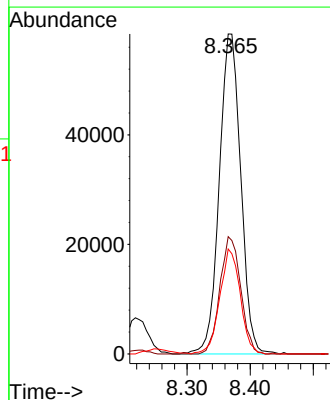
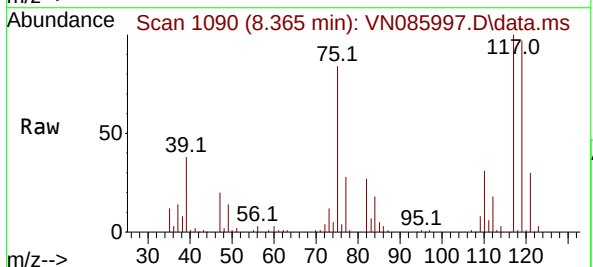
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

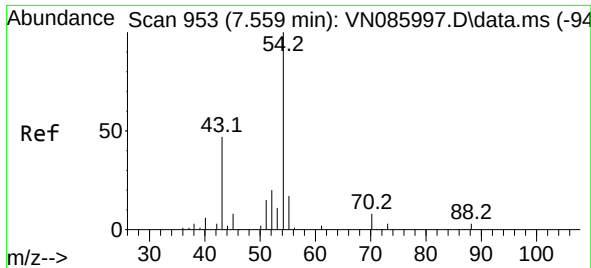
Tgt Ion:113 Resp: 101590
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.422 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 75 Resp: 137990
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.3
77 31.2 25.0 37.4

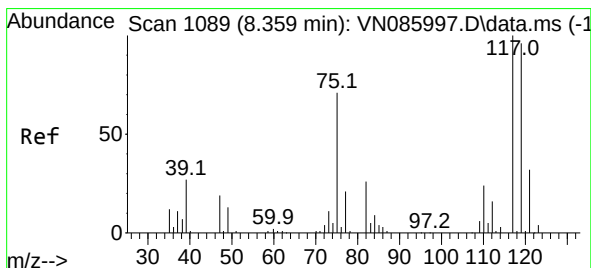
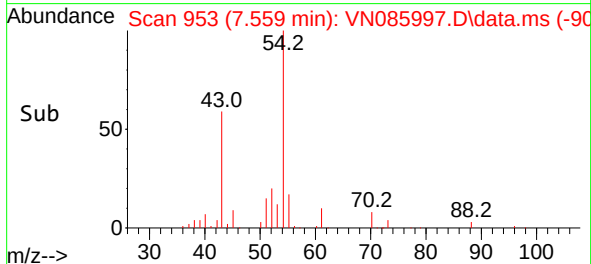
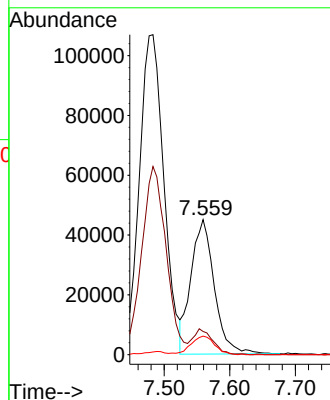
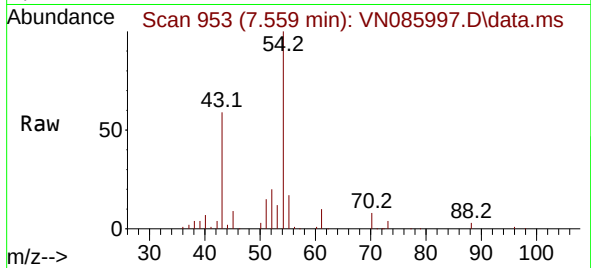




#37
Ethyl Acetate
Concen: 47.350 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

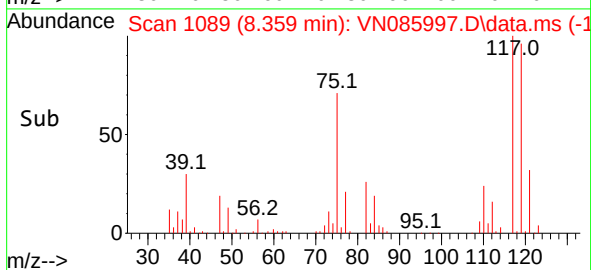
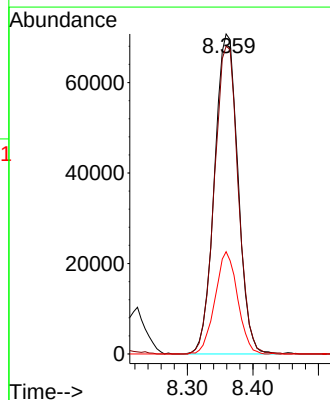
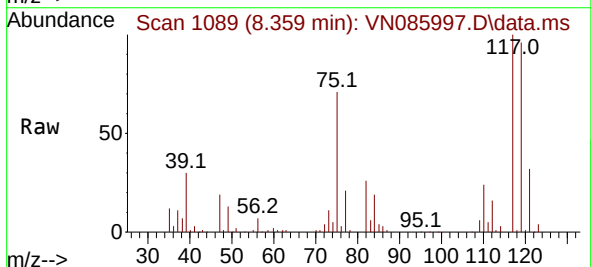
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

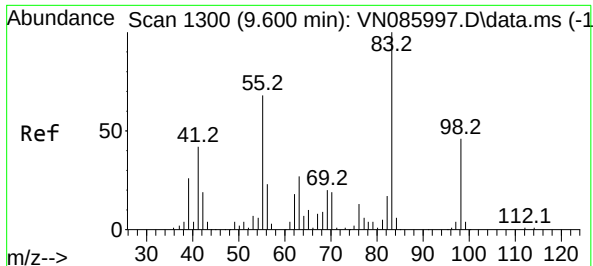
Tgt Ion: 43 Resp: 111535
Ion Ratio Lower Upper
43 100
61 16.2 13.0 19.4
70 13.8 11.0 16.6



#38
Carbon Tetrachloride
Concen: 47.847 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 117 Resp: 175652
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4
121 32.0 25.6 38.4





#39

Methylcyclohexane

Concen: 52.126 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

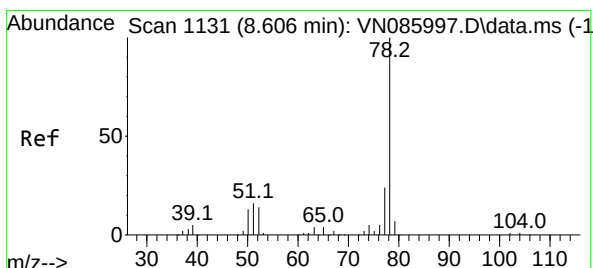
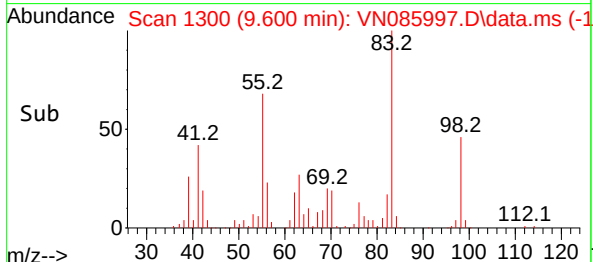
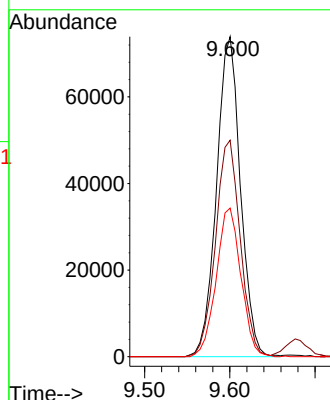
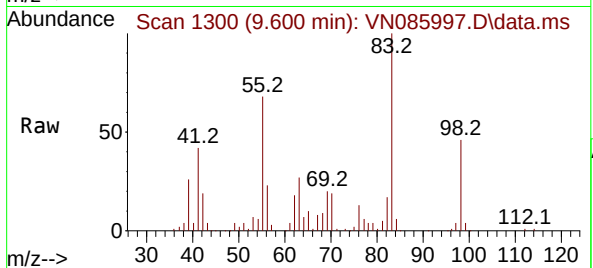
Tgt Ion: 83 Resp: 144397

Ion Ratio Lower Upper

83 100

55 67.7 54.2 81.2

98 46.4 37.1 55.7



#40

Benzene

Concen: 48.268 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN085997.D

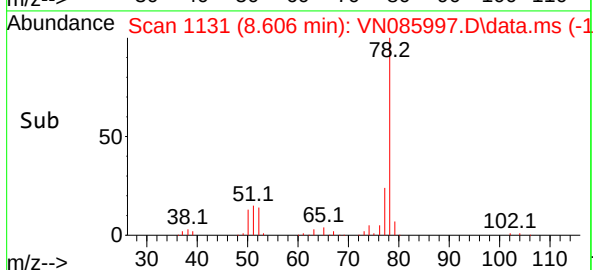
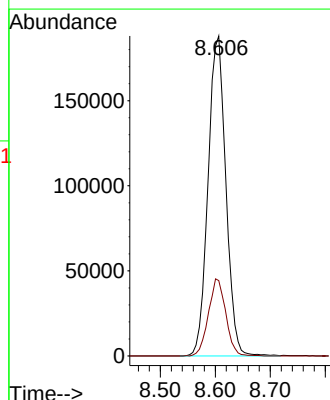
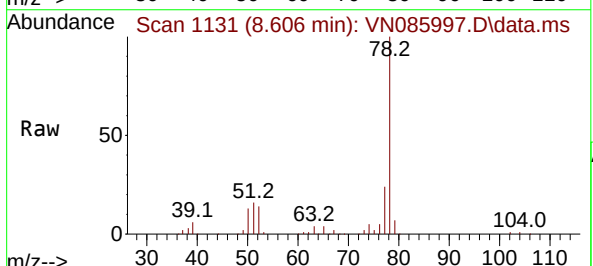
Acq: 18 Mar 2025 12:08

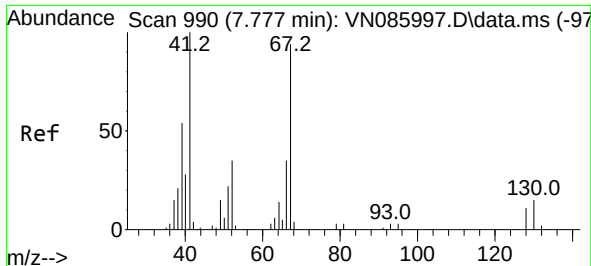
Tgt Ion: 78 Resp: 423071

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

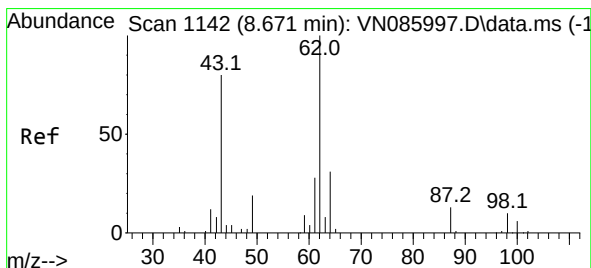
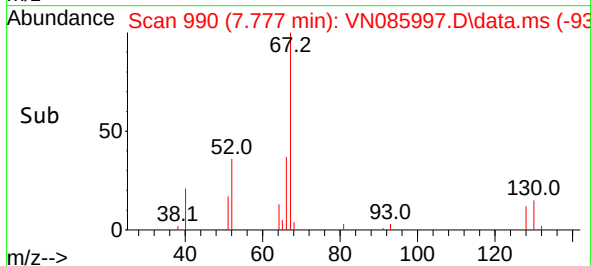
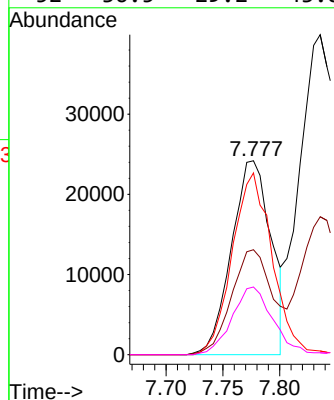
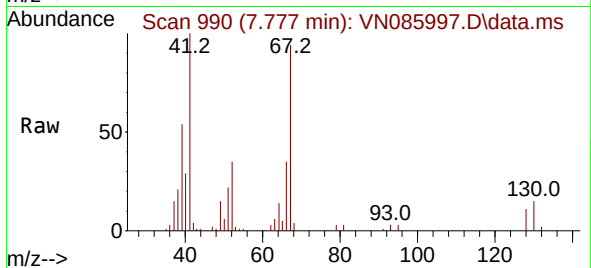




#41
Methacrylonitrile
Concen: 52.096 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

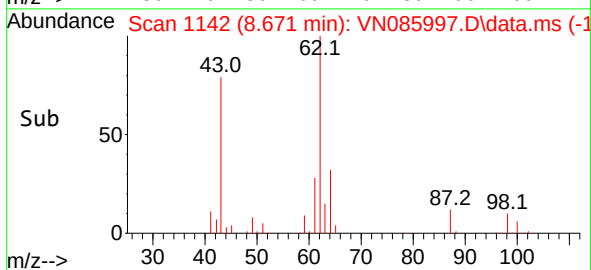
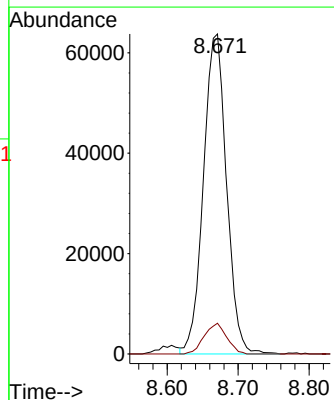
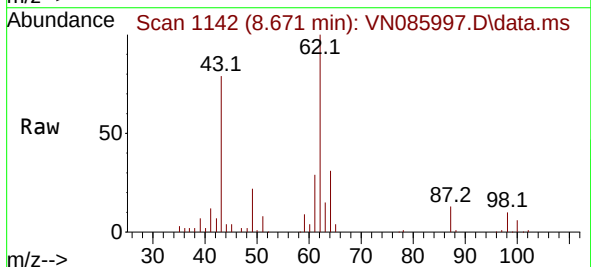
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

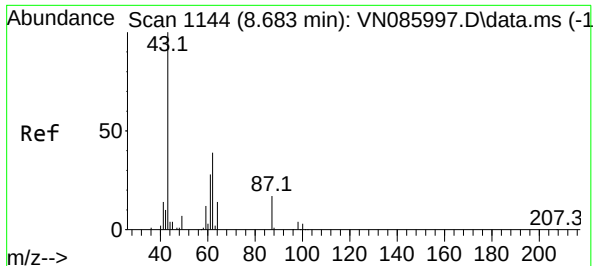
Tgt Ion:	41	Resp:	58596
Ion	Ratio	Lower	Upper
41	100		
39	57.7	46.2	69.2
67	94.9	75.9	113.9
52	36.5	29.2	43.8



#42
1,2-Dichloroethane
Concen: 47.265 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion:	62	Resp:	144354
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 38.130 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

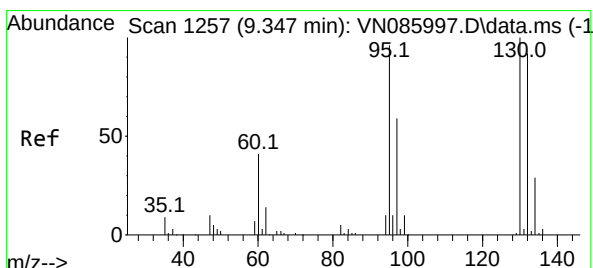
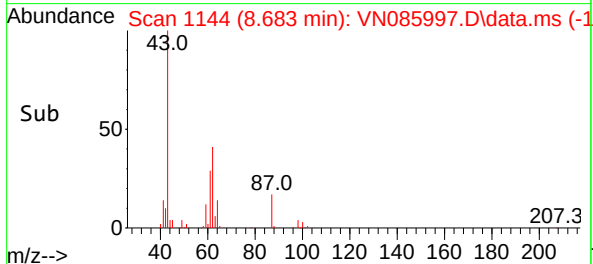
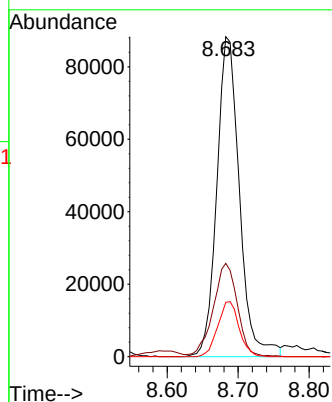
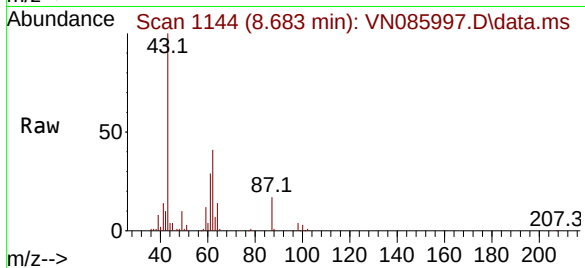
Tgt Ion: 43 Resp: 195037

Ion Ratio Lower Upper

43 100

61 31.3 25.0 37.6

87 16.2 13.0 19.4



#44

Trichloroethene

Concen: 46.260 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085997.D

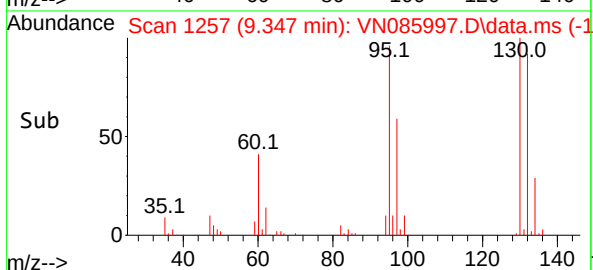
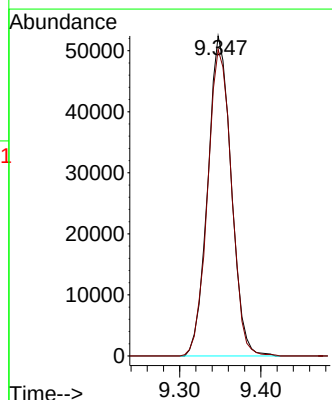
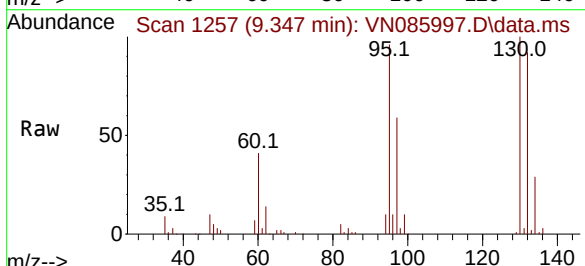
Acq: 18 Mar 2025 12:08

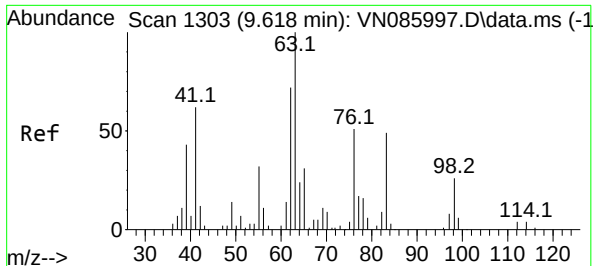
Tgt Ion:130 Resp: 105089

Ion Ratio Lower Upper

130 100

95 95.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 48.856 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

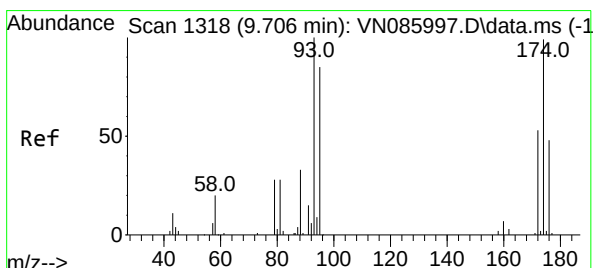
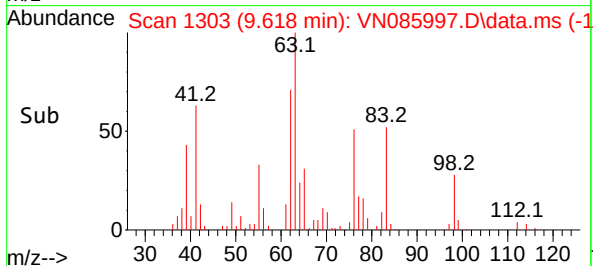
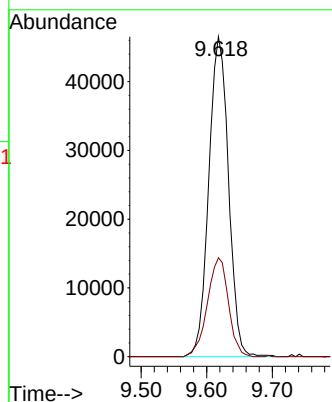
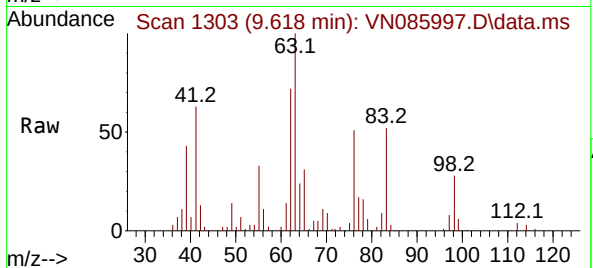
VSTDICCC050

Tgt Ion: 63 Resp: 97398

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



#46

Dibromomethane

Concen: 47.036 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

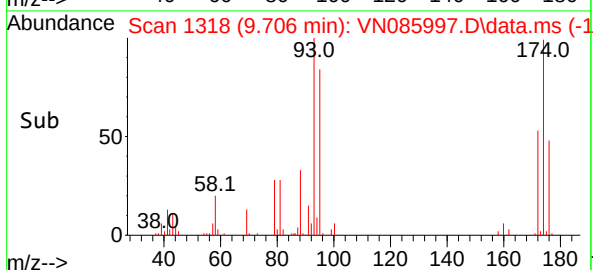
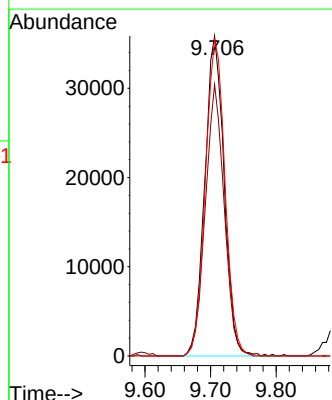
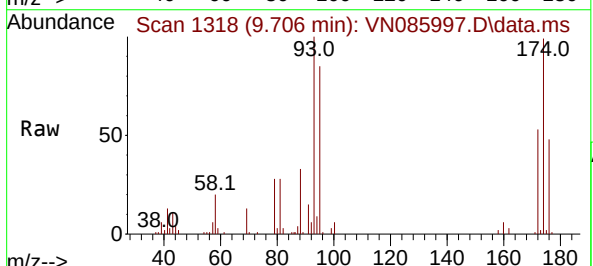
Tgt Ion: 93 Resp: 73743

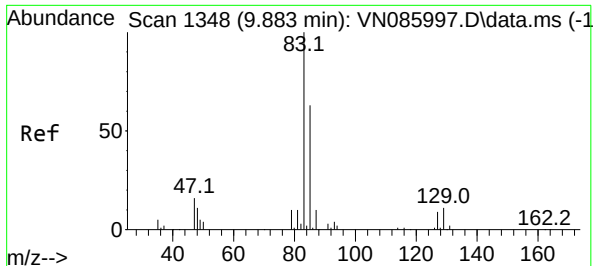
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 100.1 80.1 120.1

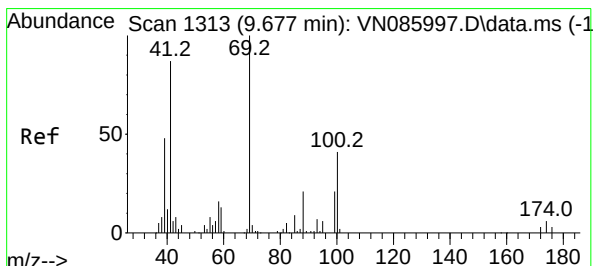
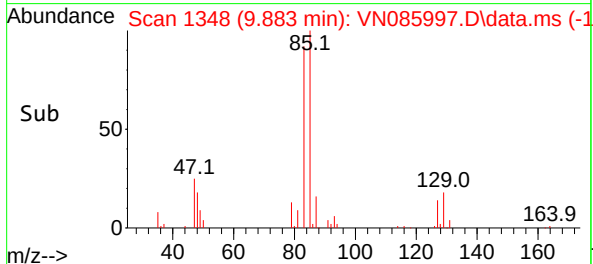
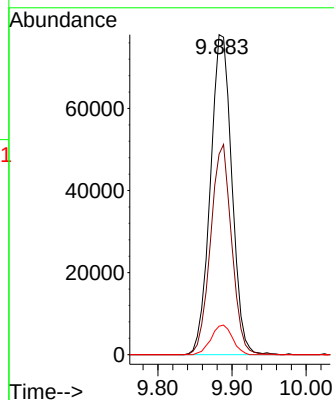
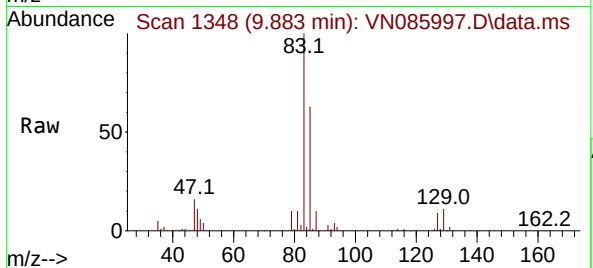




#47
Bromodichloromethane
Concen: 47.887 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

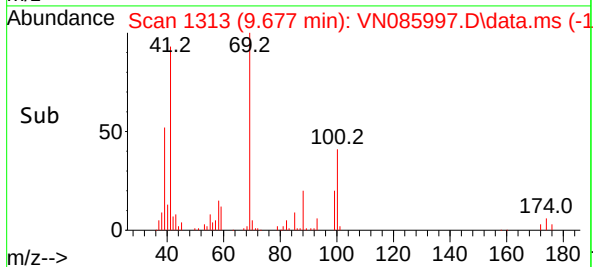
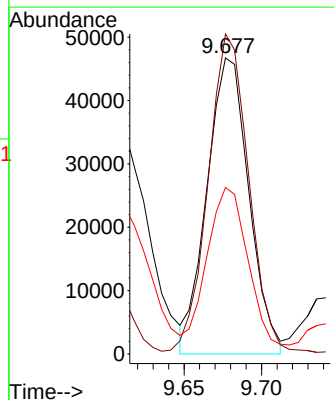
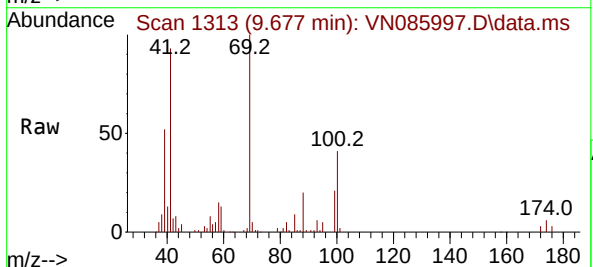
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

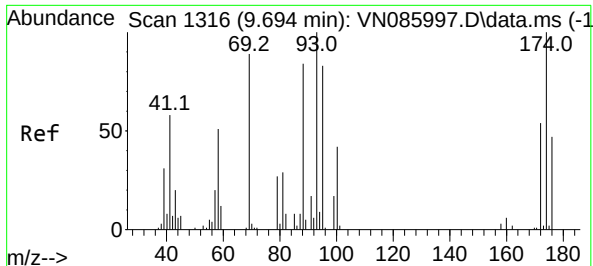
Tgt Ion: 83 Resp: 156908
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.2
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 52.192 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 41 Resp: 87911
Ion Ratio Lower Upper
41 100
69 103.9 83.1 124.7
39 57.0 45.6 68.4





#49

1,4-Dioxane

Concen: 1050.235 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

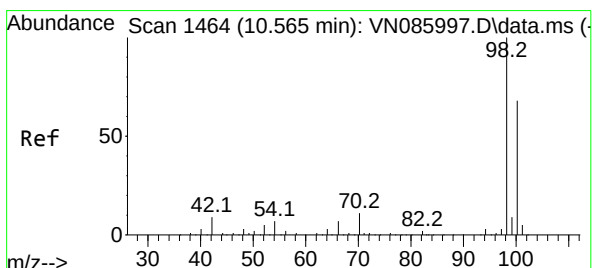
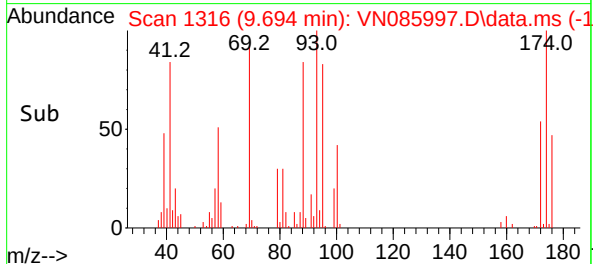
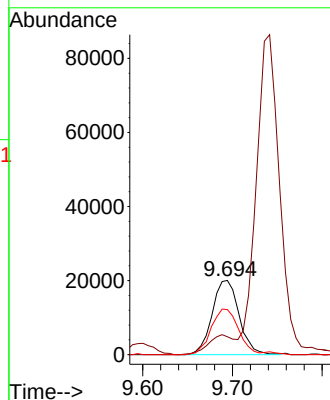
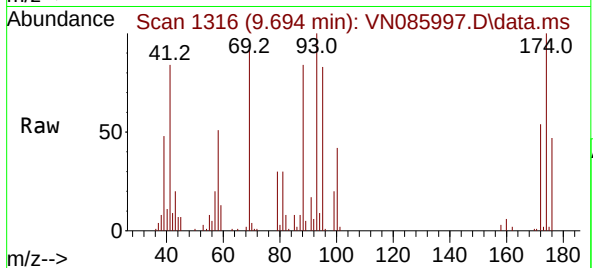
Tgt Ion: 88 Resp: 41818

Ion Ratio Lower Upper

88 100

43 27.1 21.7 32.5

58 63.0 50.4 75.6



#50

Toluene-d8

Concen: 49.972 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085997.D

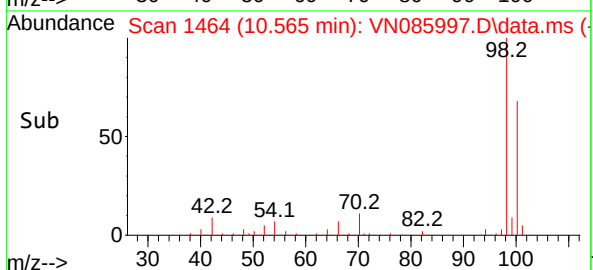
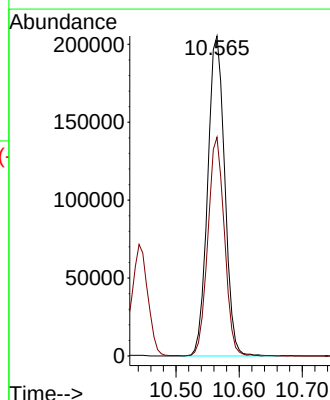
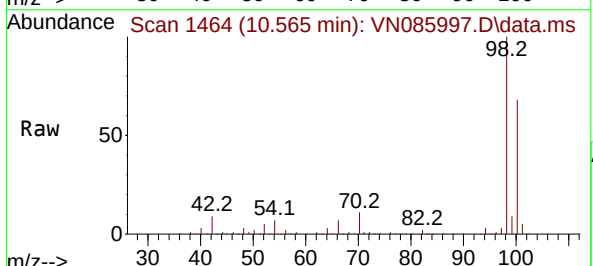
Acq: 18 Mar 2025 12:08

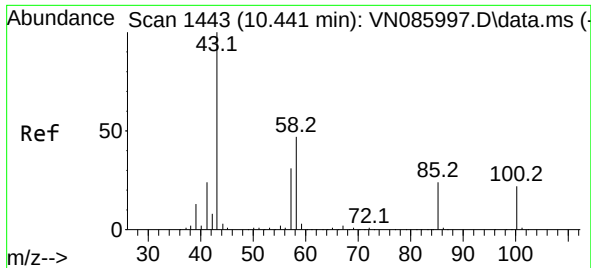
Tgt Ion: 98 Resp: 384569

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

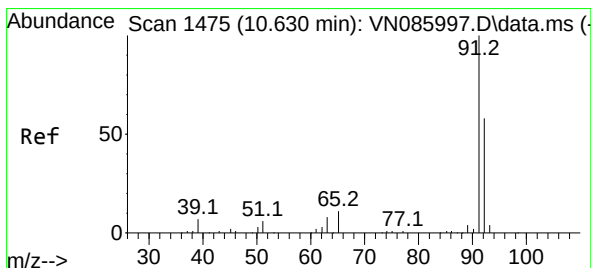
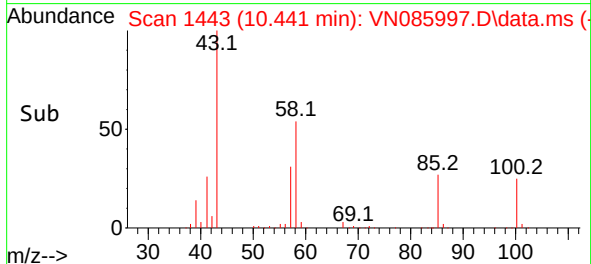
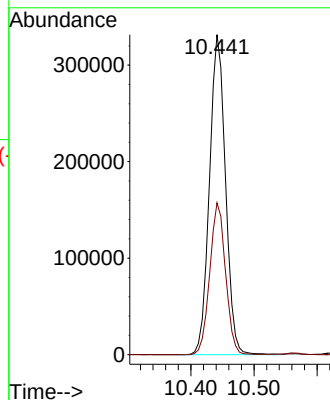
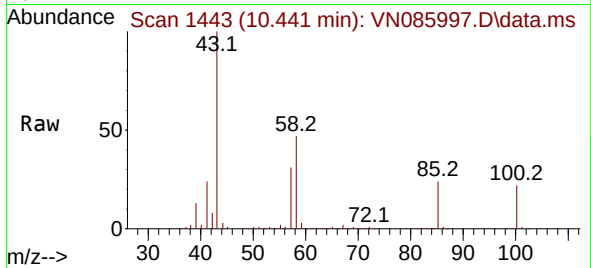




#51
4-Methyl-2-Pentanone
Concen: 259.501 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

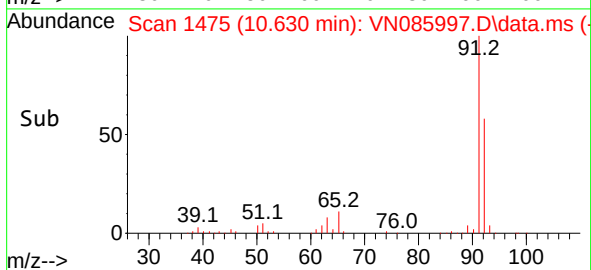
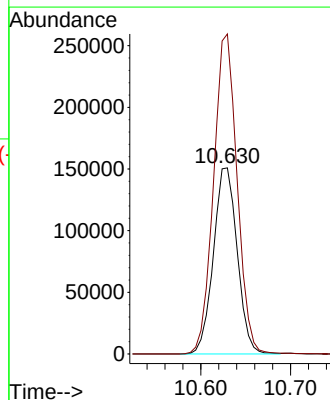
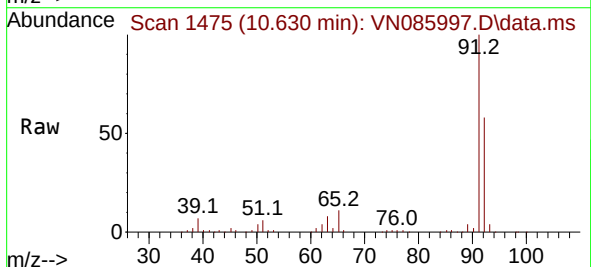
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

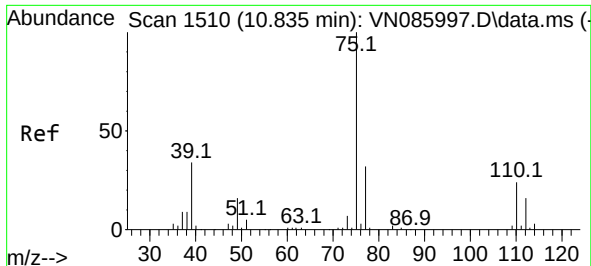
Tgt Ion: 43 Resp: 584167
Ion Ratio Lower Upper
43 100
58 46.7 37.4 56.0



#52
Toluene
Concen: 51.661 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 92 Resp: 277914
Ion Ratio Lower Upper
92 100
91 170.3 136.2 204.4

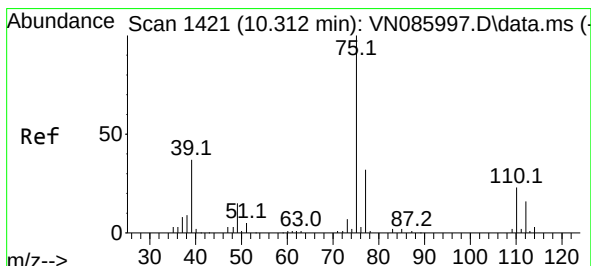
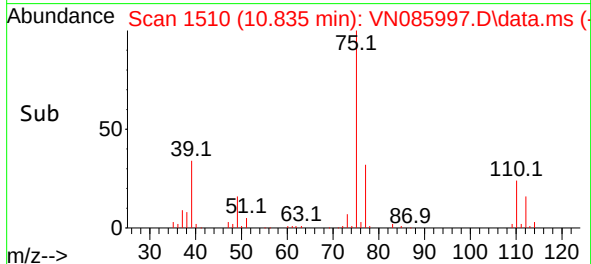
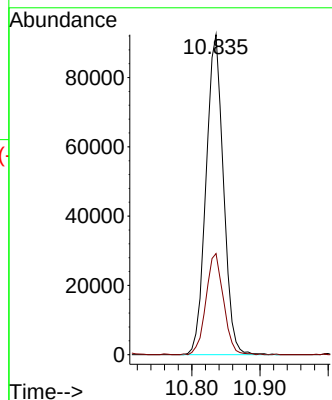
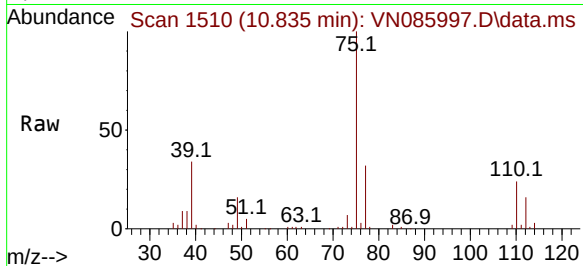




#53
 t-1,3-Dichloropropene
 Concen: 51.430 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

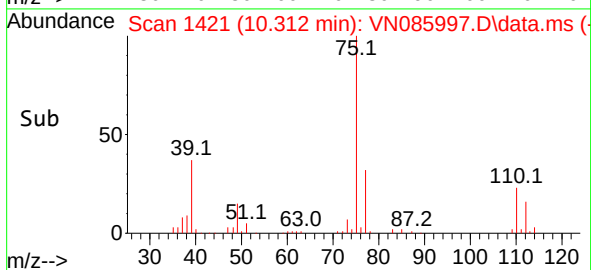
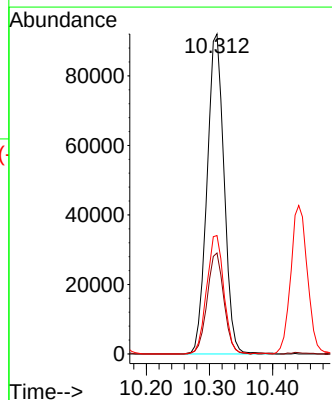
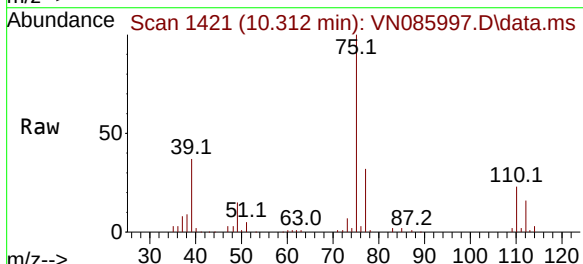
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

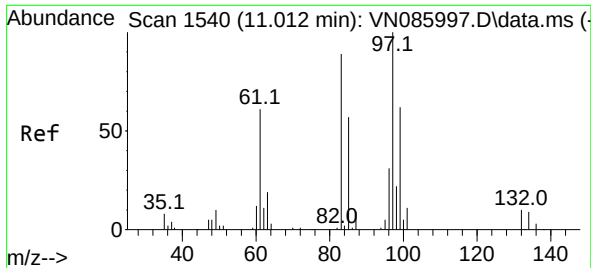
Tgt Ion: 75 Resp: 163659
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.366 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

Tgt Ion: 75 Resp: 172456
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 37.0 29.6 44.4

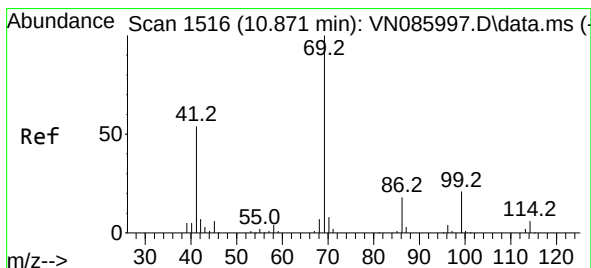
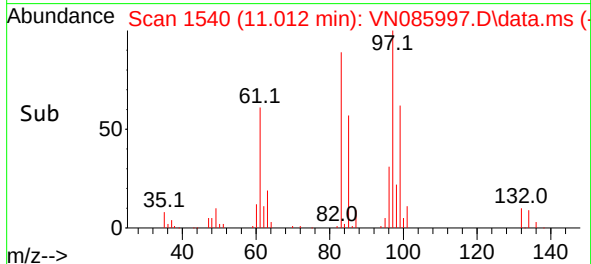
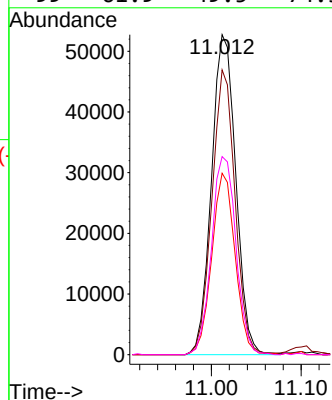
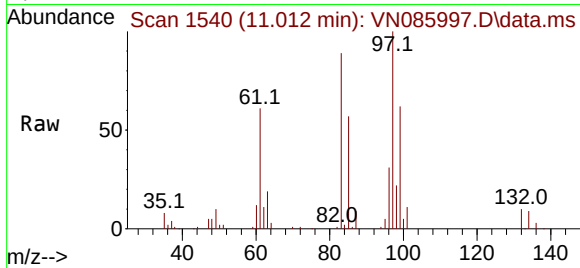




#55
1,1,2-Trichloroethane
Concen: 48.343 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

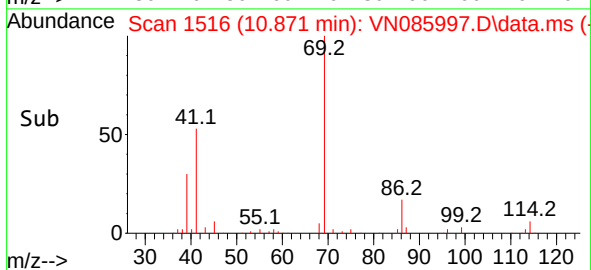
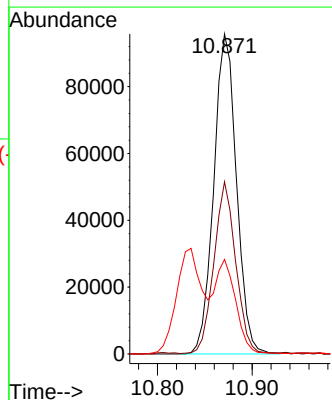
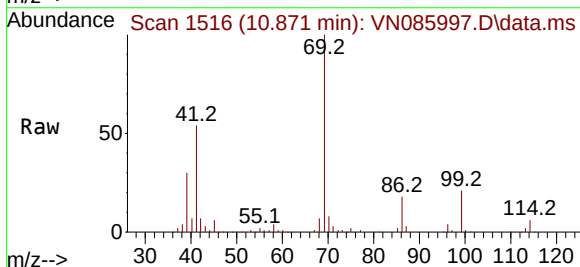
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

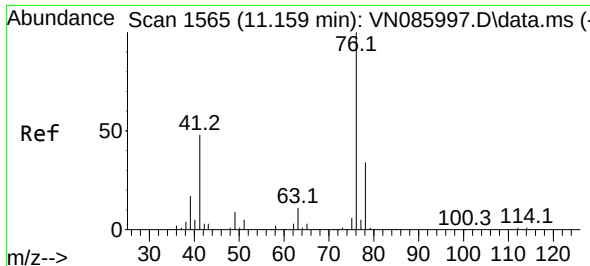
Tgt Ion:	97	Resp:	99259
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.2	106.8
85	56.7	45.4	68.0
99	61.9	49.5	74.3



#56
Ethyl methacrylate
Concen: 49.943 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion:	69	Resp:	159926
Ion	Ratio	Lower	Upper
69	100		
41	52.0	41.6	62.4
39	27.3	21.8	32.8





#57

1,3-Dichloropropane

Concen: 49.385 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

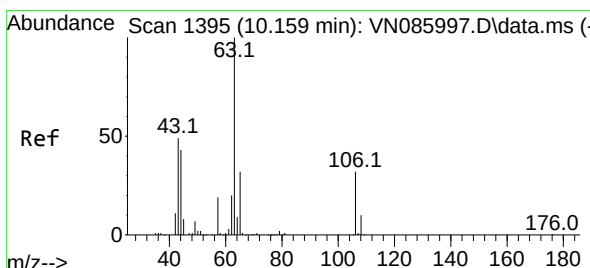
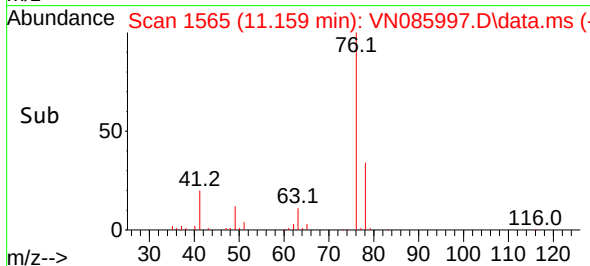
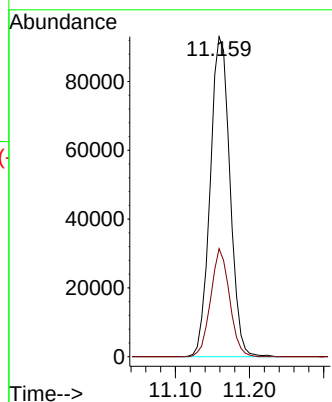
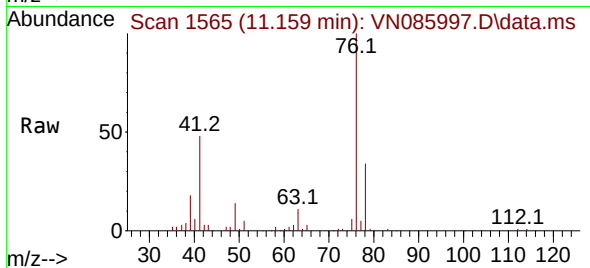
VSTDICCC050

Tgt Ion: 76 Resp: 172224

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 261.262 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085997.D

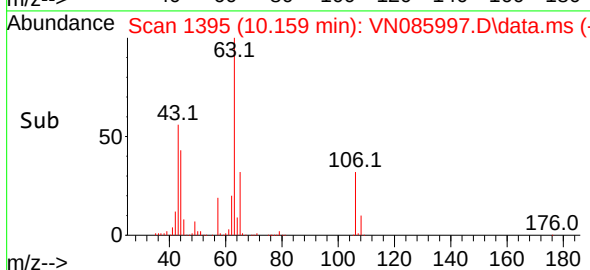
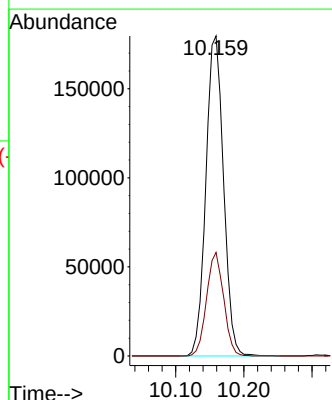
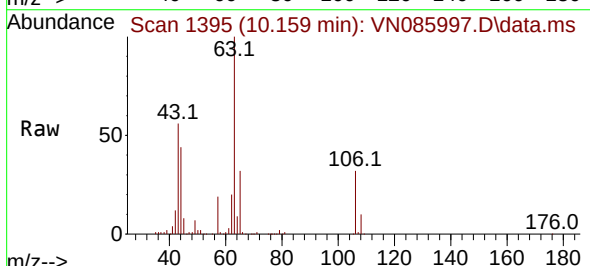
Acq: 18 Mar 2025 12:08

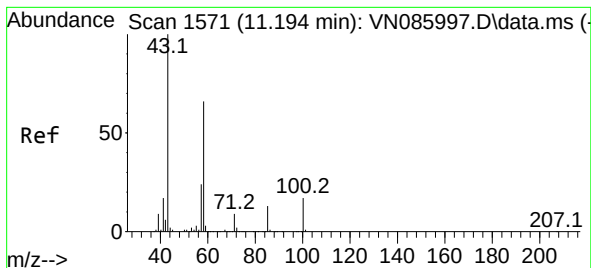
Tgt Ion: 63 Resp: 323306

Ion Ratio Lower Upper

63 100

106 31.3 25.0 37.6

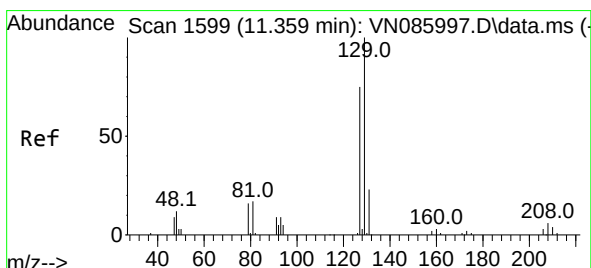
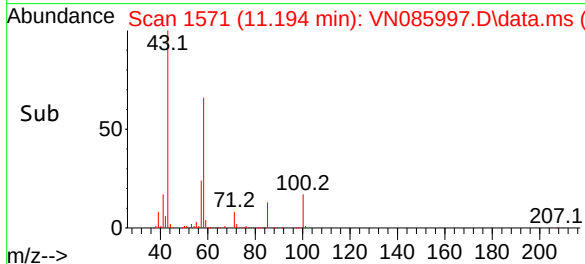
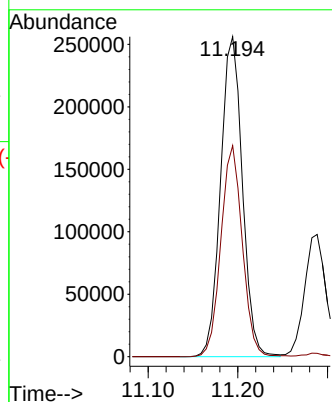
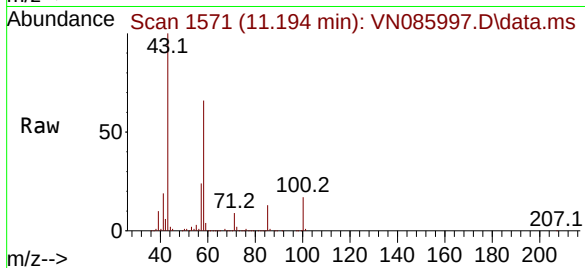




#59
2-Hexanone
Concen: 263.380 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

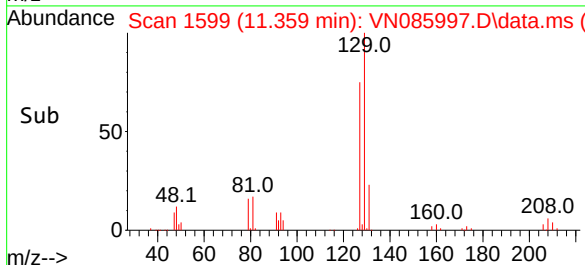
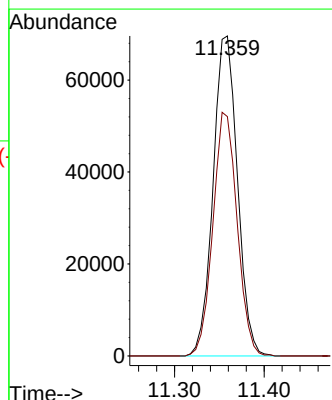
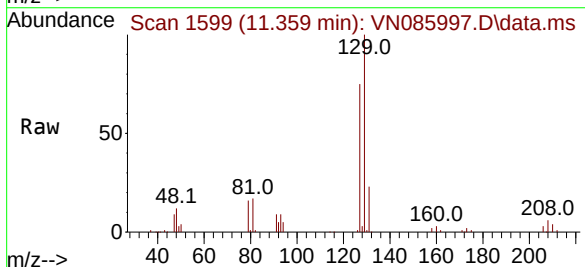
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

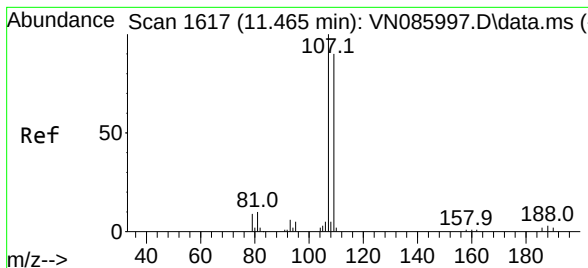
Tgt Ion: 43 Resp: 431923
Ion Ratio Lower Upper
43 100
58 64.8 32.4 97.2



#60
Dibromochloromethane
Concen: 49.558 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion:129 Resp: 131303
Ion Ratio Lower Upper
129 100
127 75.6 37.8 113.4

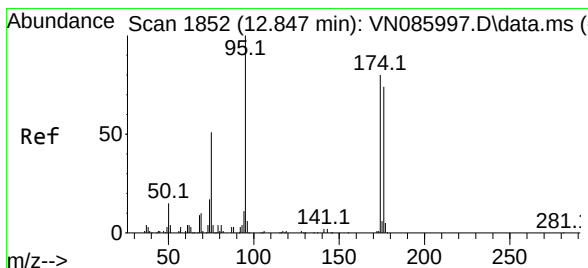
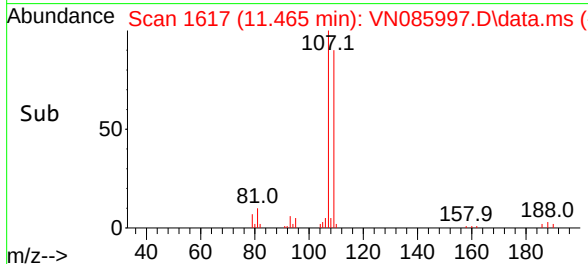
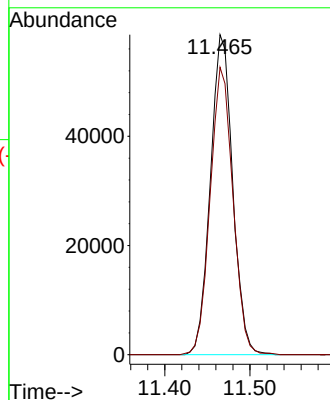
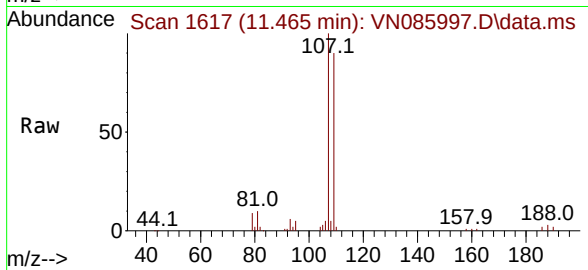




#61
1,2-Dibromoethane
Concen: 50.543 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

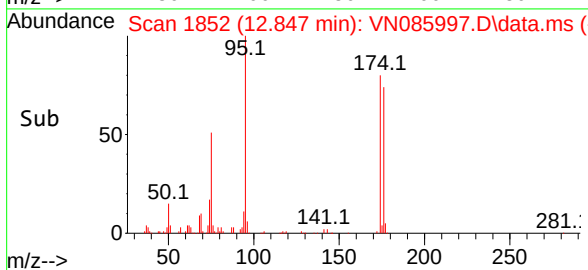
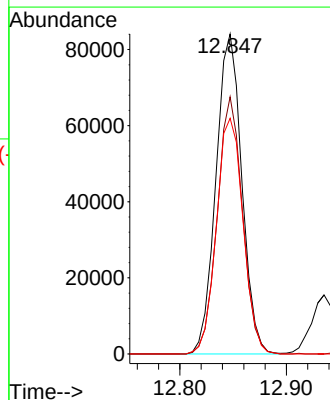
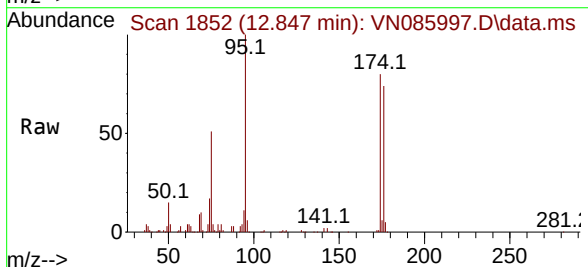
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

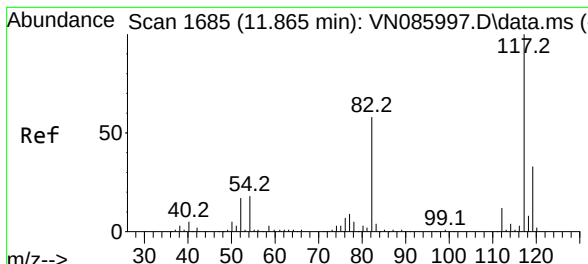
Tgt Ion:107 Resp: 106539
Ion Ratio Lower Upper
107 100
109 91.6 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 51.544 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 95 Resp: 141464
Ion Ratio Lower Upper
95 100
174 78.4 0.0 156.8
176 76.1 0.0 152.2

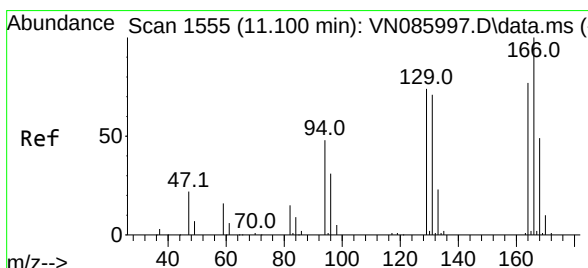
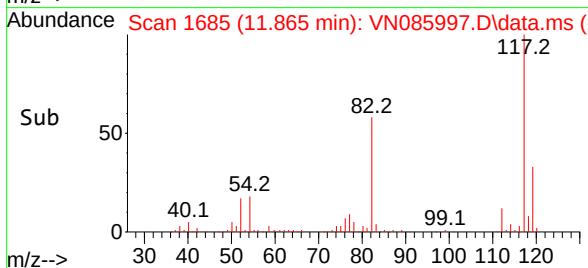
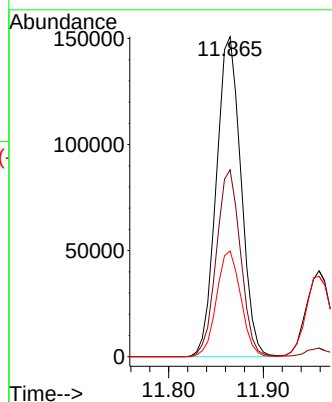
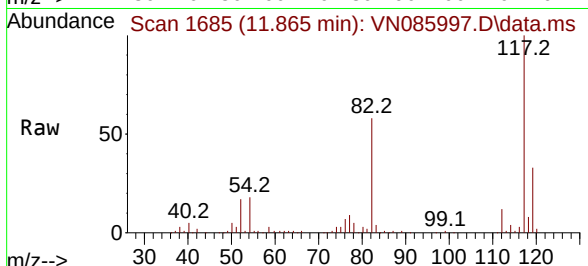




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

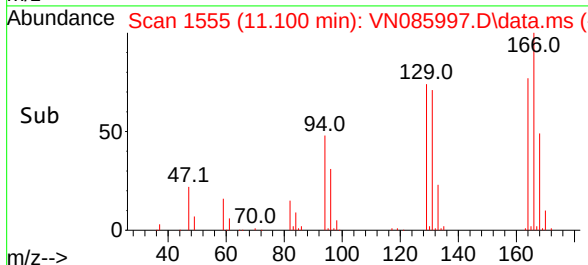
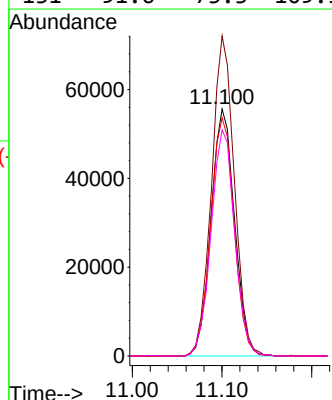
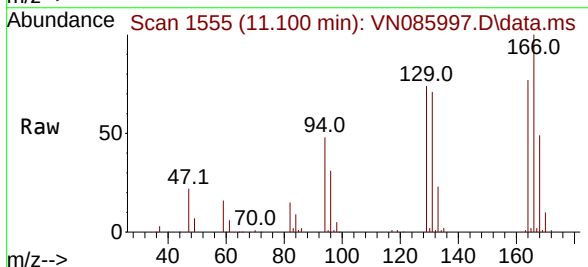
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

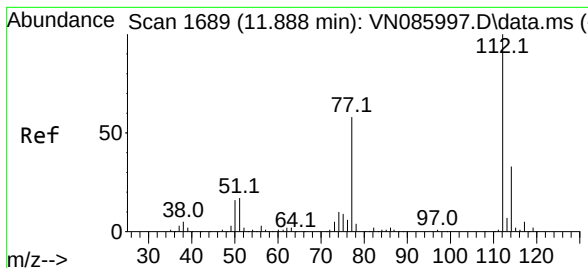
Tgt Ion:117 Resp: 273511
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 33.1 26.5 39.7



#64
Tetrachloroethene
Concen: 46.478 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion:164 Resp: 101407
Ion Ratio Lower Upper
164 100
166 129.6 103.7 155.5
129 96.4 77.1 115.7
131 91.6 73.3 109.9





#65

Chlorobenzene

Concen: 47.424 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

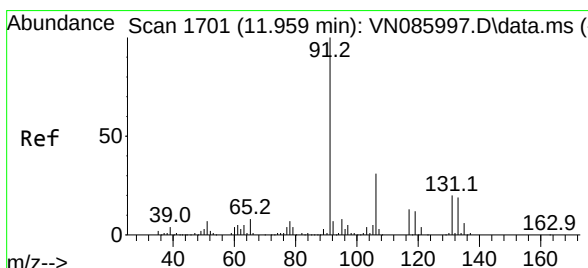
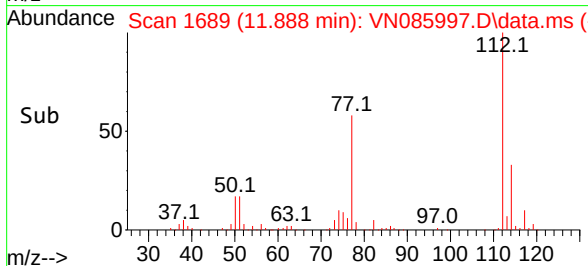
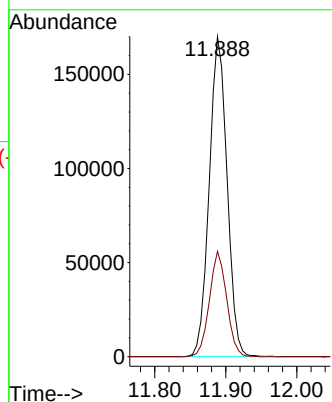
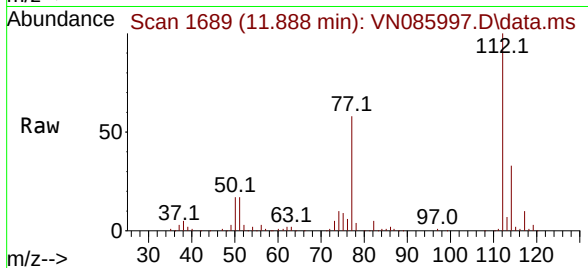
VSTDICCC050

Tgt Ion:112 Resp: 296813

Ion Ratio Lower Upper

112 100

114 32.9 26.3 39.5



#66

1,1,1,2-Tetrachloroethane

Concen: 47.853 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

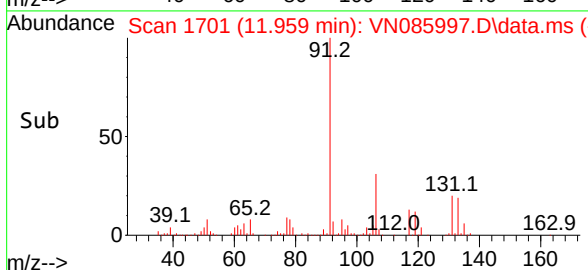
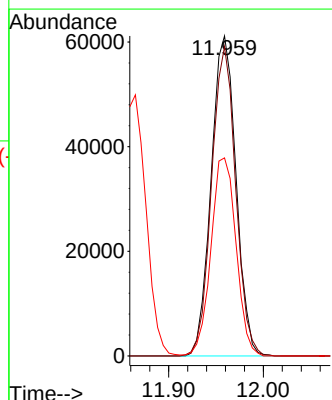
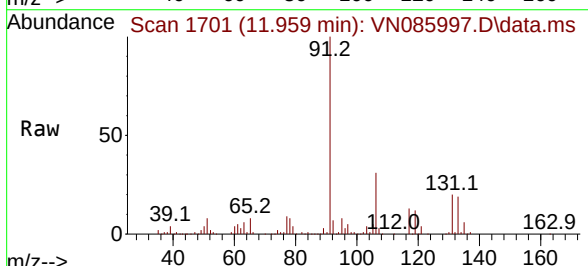
Tgt Ion:131 Resp: 111333

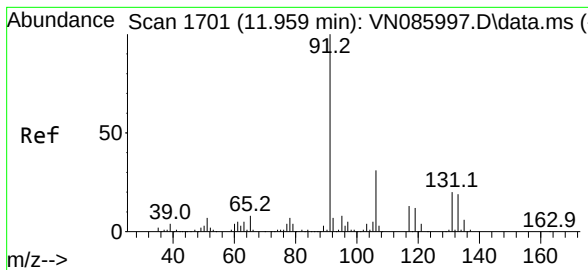
Ion Ratio Lower Upper

131 100

133 94.0 47.0 141.0

119 62.7 31.4 94.0

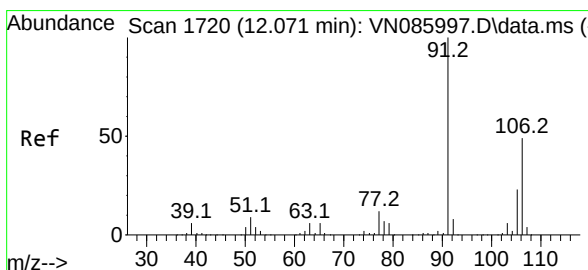
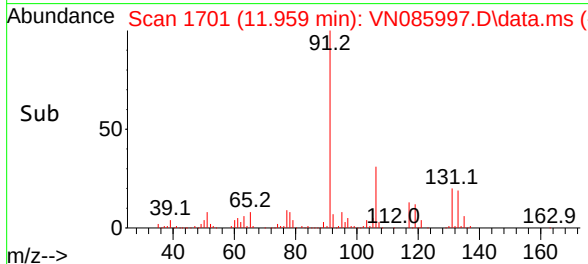
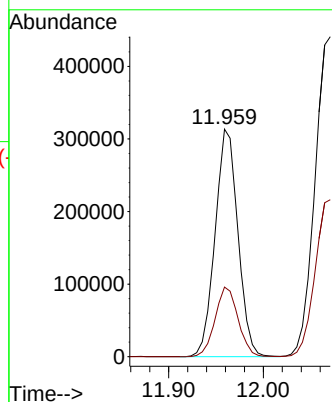
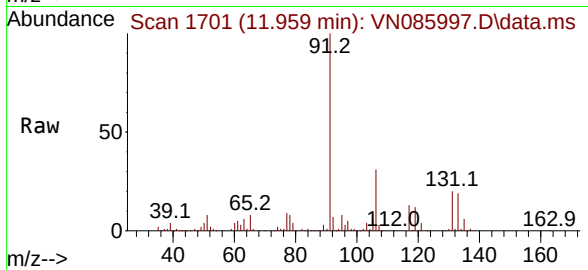




#67
Ethyl Benzene
Concen: 52.405 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

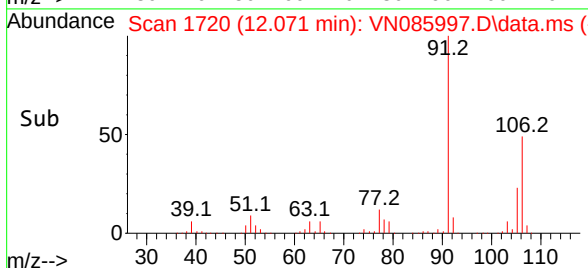
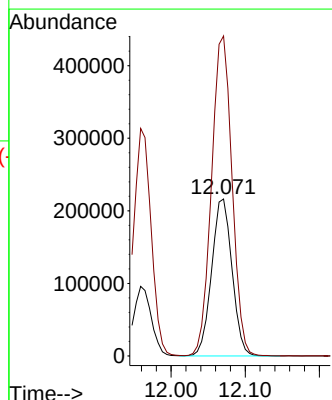
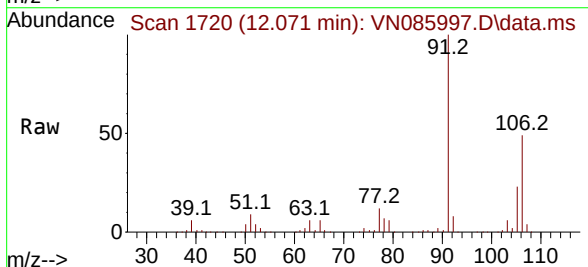
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

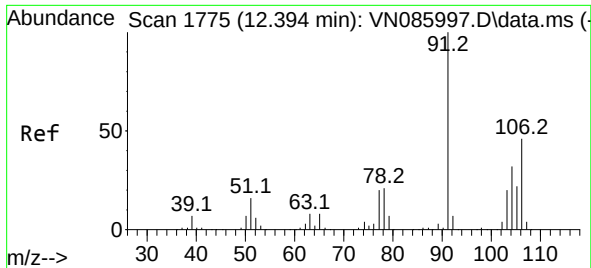
Tgt Ion: 91 Resp: 524655
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 105.075 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 106 Resp: 413470
Ion Ratio Lower Upper
106 100
91 204.9 163.9 245.9

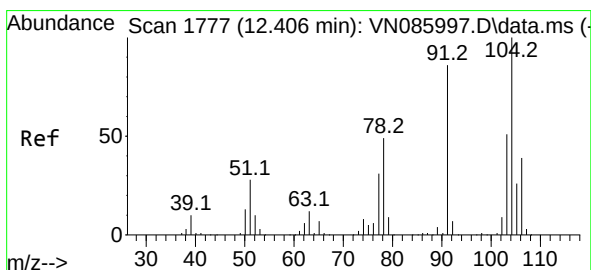
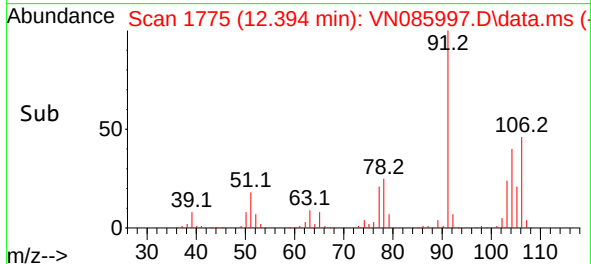
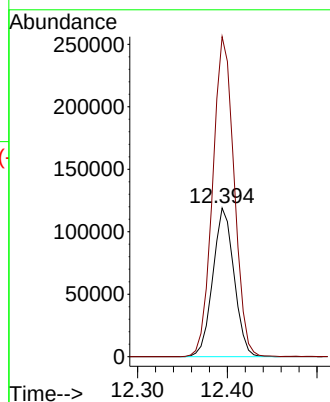
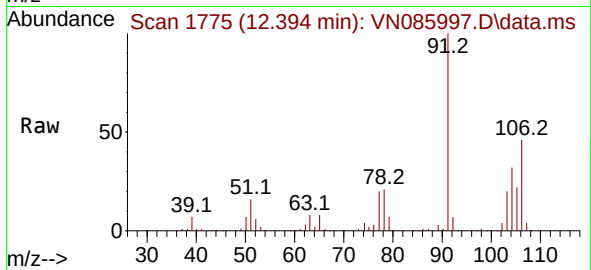




#69
o-Xylene
Concen: 54.023 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

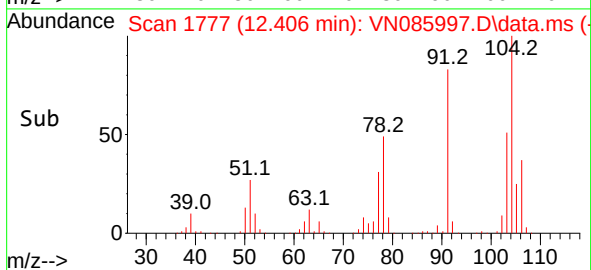
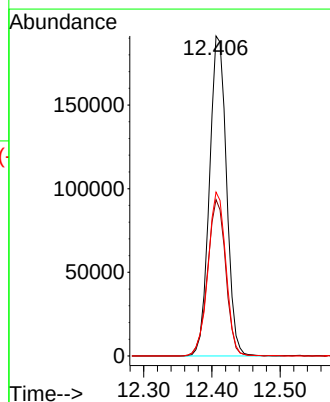
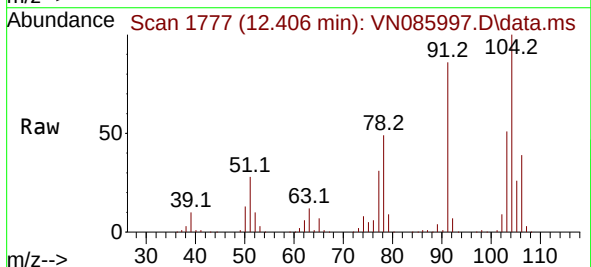
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

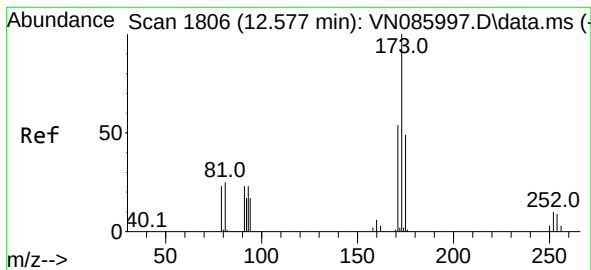
Tgt Ion:106 Resp: 195107
Ion Ratio Lower Upper
106 100
91 218.1 109.1 327.2



#70
Styrene
Concen: 54.070 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion:104 Resp: 333544
Ion Ratio Lower Upper
104 100
78 51.8 41.4 62.2
103 53.6 42.9 64.3





#71

Bromoform

Concen: 48.469 ug/l

RT: 12.577 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

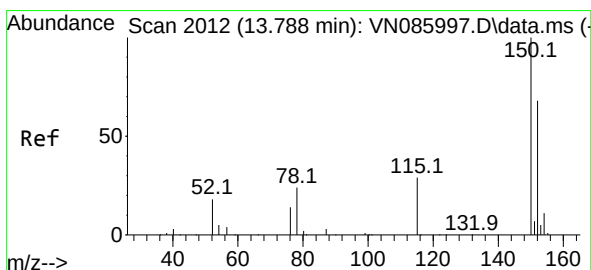
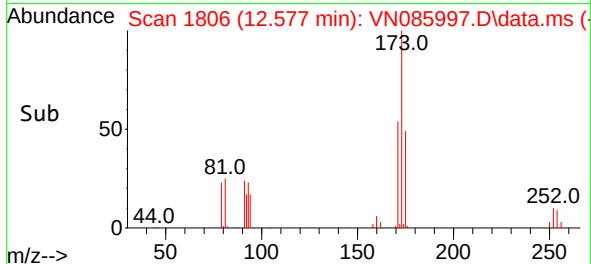
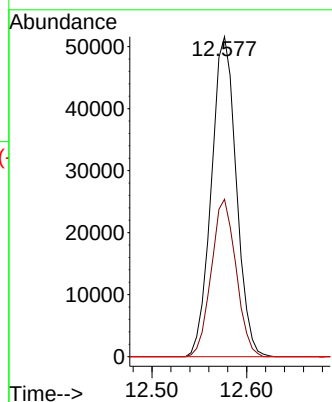
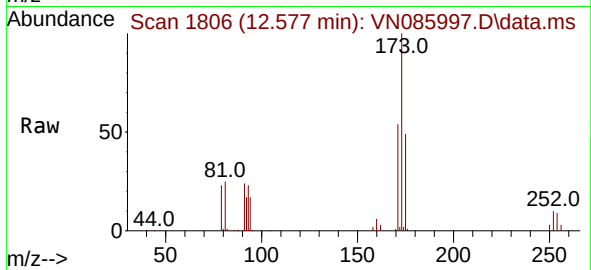
Tgt Ion:173 Resp: 94268

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

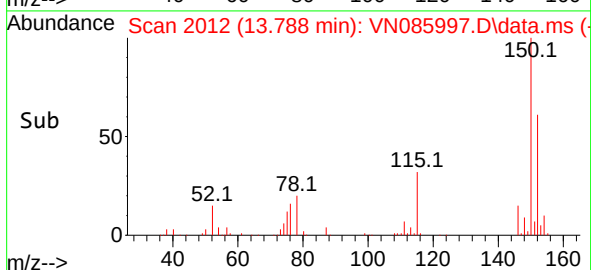
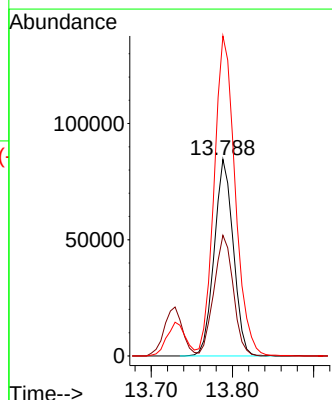
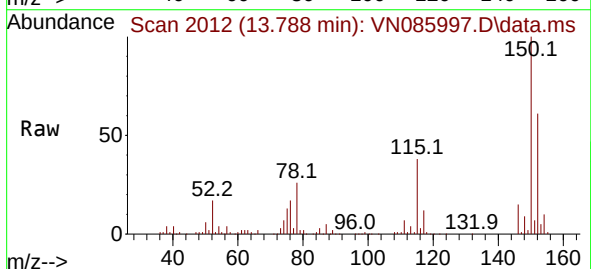
Tgt Ion:152 Resp: 137905

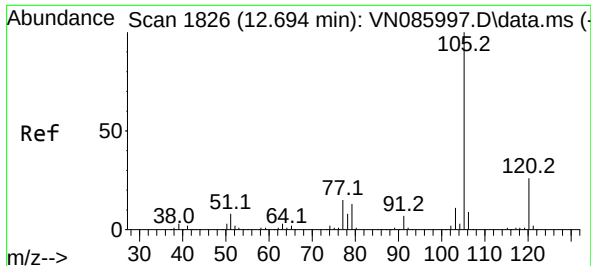
Ion Ratio Lower Upper

152 100

115 62.1 31.1 93.2

150 179.8 0.0 359.6

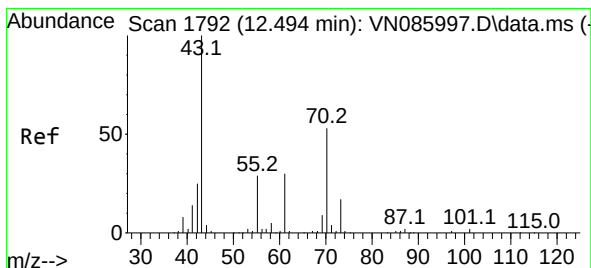
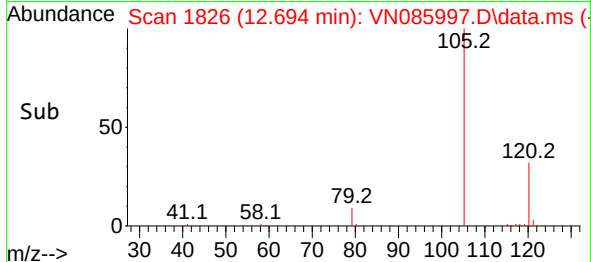
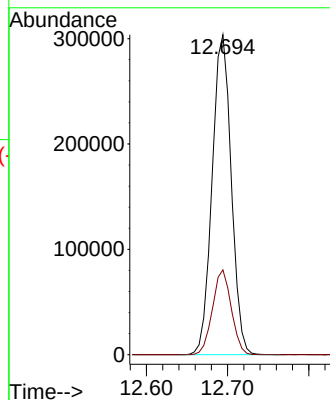
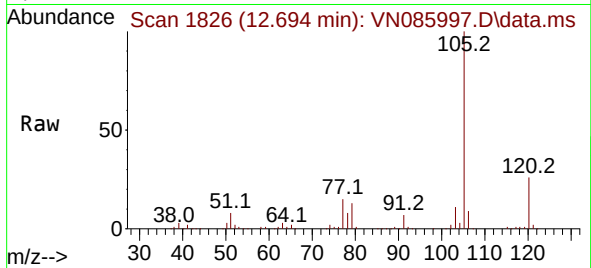




#73
Isopropylbenzene
Concen: 52.708 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

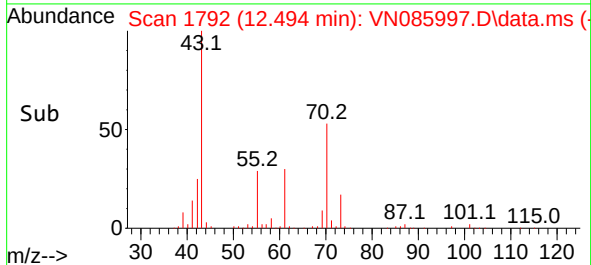
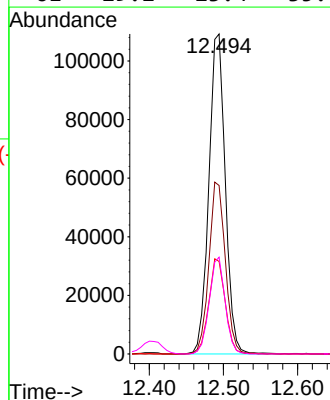
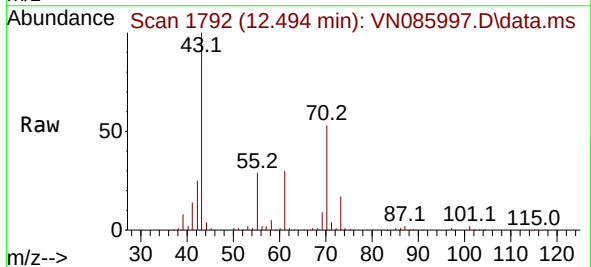
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

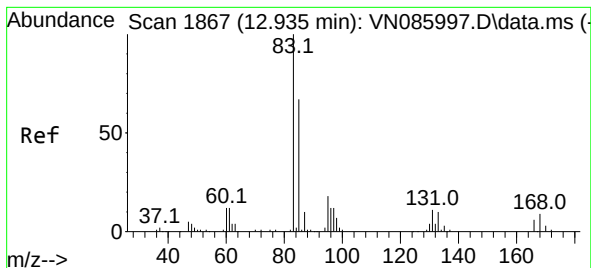
Tgt Ion:105 Resp: 496368
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 53.384 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 43 Resp: 168199
Ion Ratio Lower Upper
43 100
70 53.7 43.0 64.4
55 29.8 23.8 35.8
61 29.2 23.4 35.0

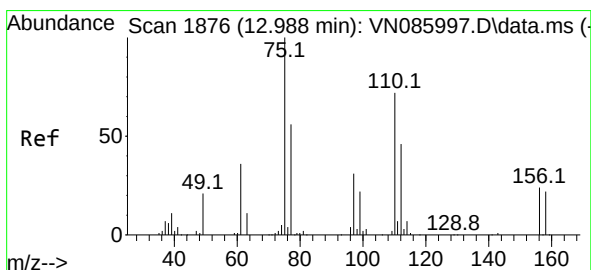
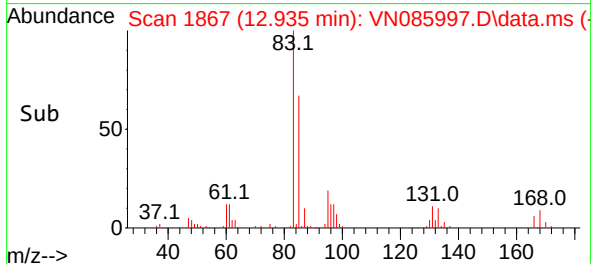
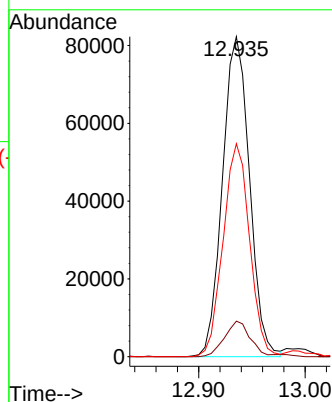
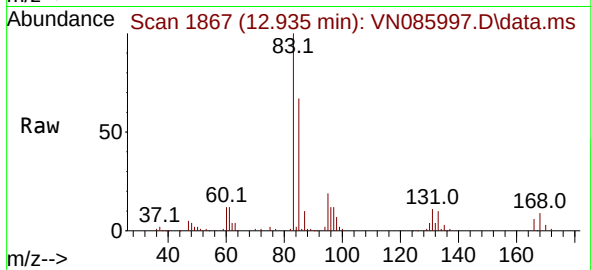




#75
1,1,2,2-Tetrachloroethane
Concen: 45.522 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

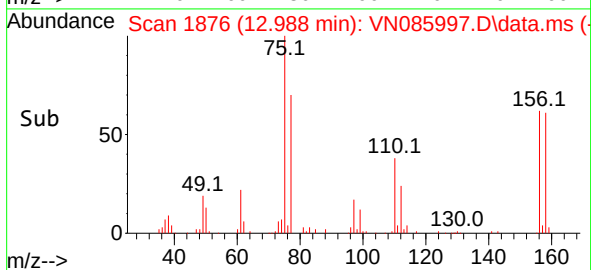
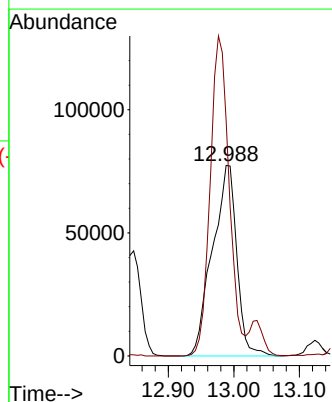
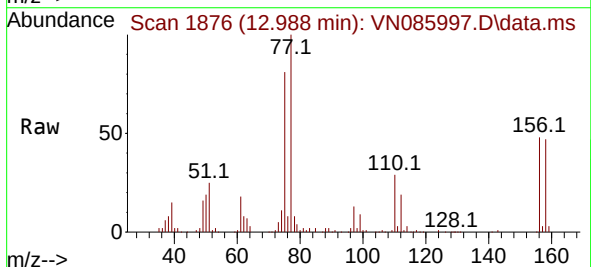
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

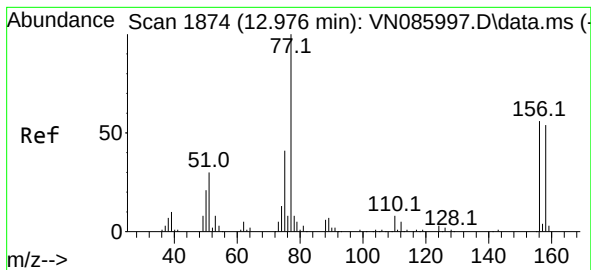
Tgt Ion: 83 Resp: 145034
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.5
85 65.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 63.345 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 75 Resp: 199156
Ion Ratio Lower Upper
75 100
77 131.1 83.7 251.0





#77

Bromobenzene

Concen: 47.769 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

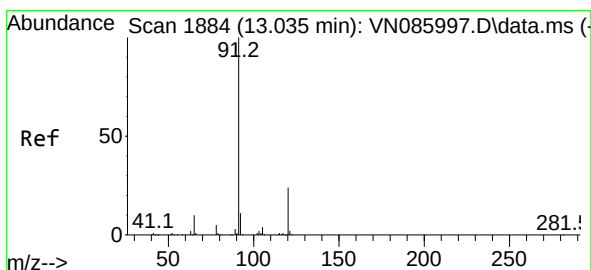
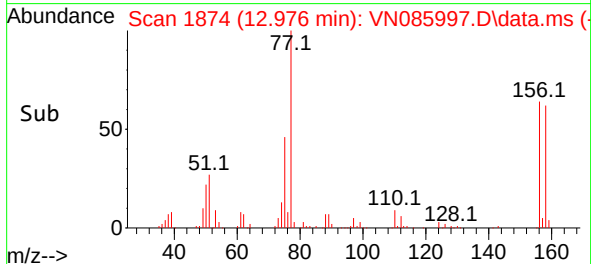
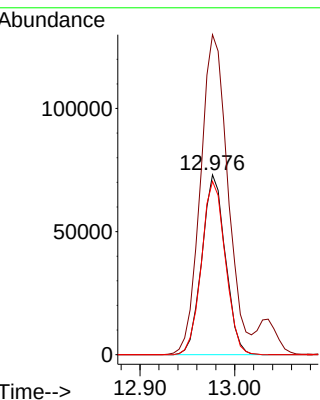
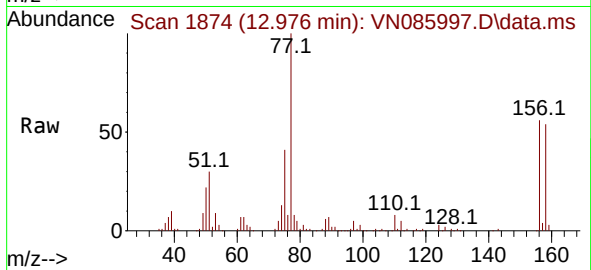
Tgt Ion:156 Resp: 125436

Ion Ratio Lower Upper

156 100

77 208.2 104.1 312.3

158 98.0 49.0 147.0



#78

n-propylbenzene

Concen: 54.089 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085997.D

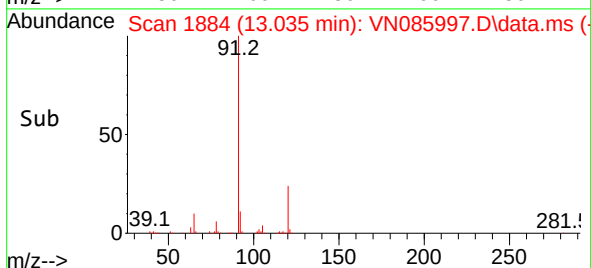
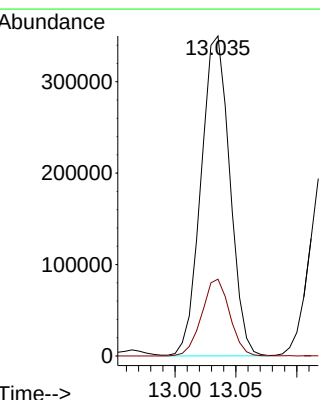
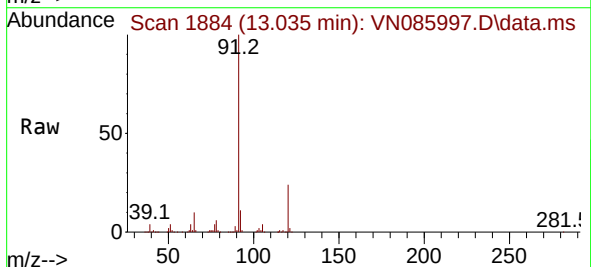
Acq: 18 Mar 2025 12:08

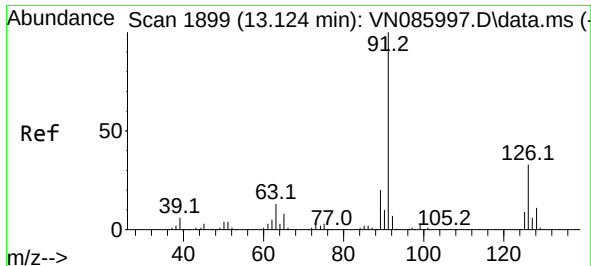
Tgt Ion: 91 Resp: 576797

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.0

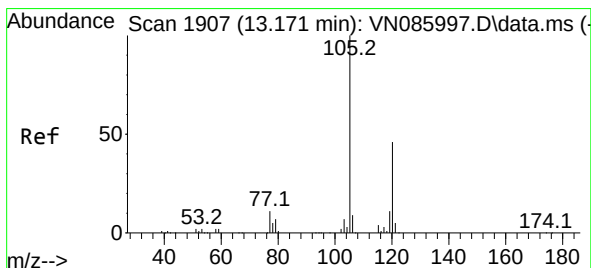
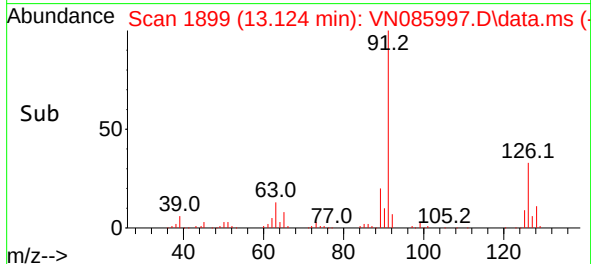
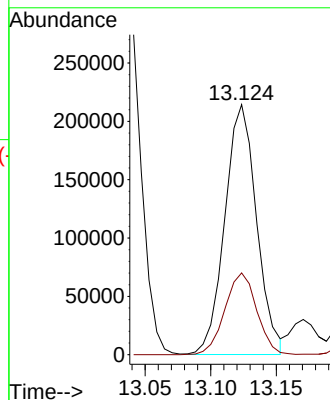
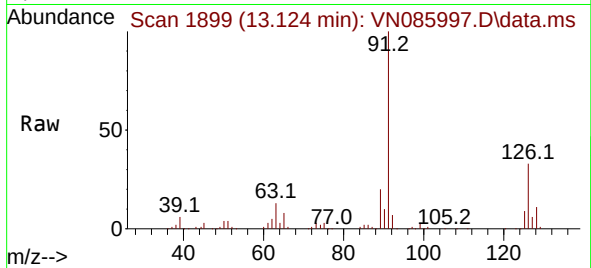




#79
2-Chlorotoluene
Concen: 51.012 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

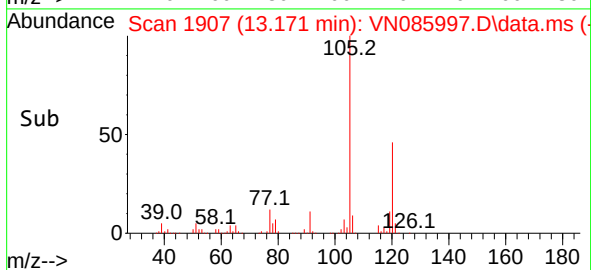
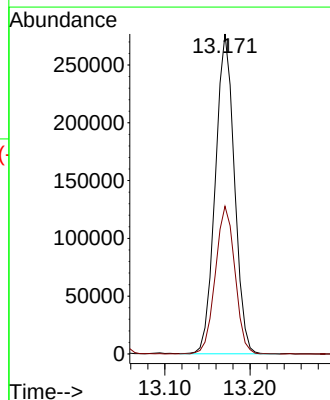
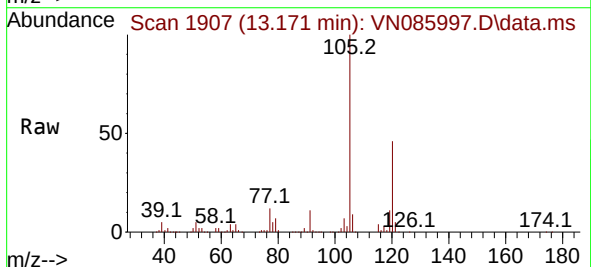
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

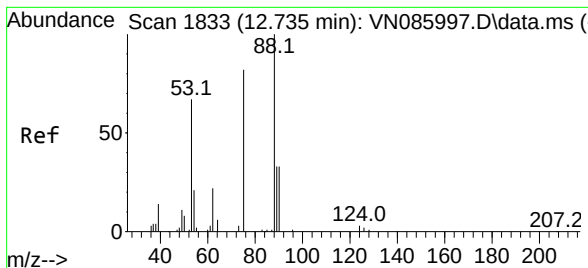
Tgt Ion: 91 Resp: 361320
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 54.088 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 105 Resp: 430051
Ion Ratio Lower Upper
105 100
120 47.4 23.7 71.1

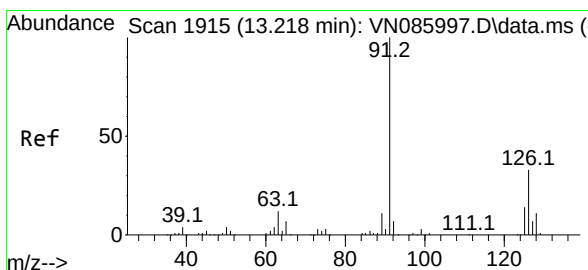
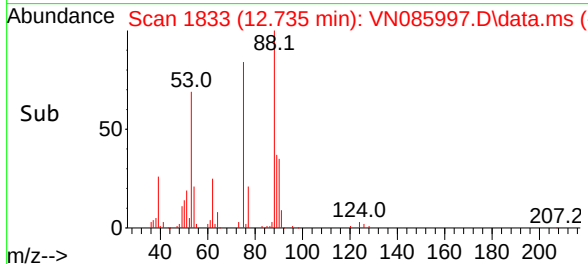
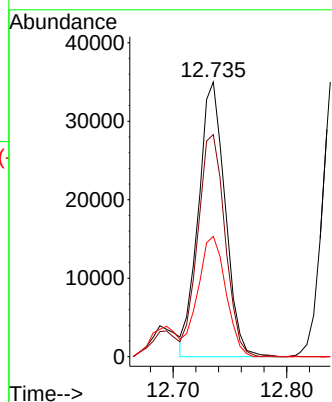
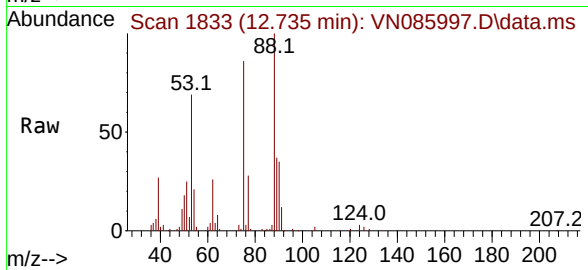




#81
trans-1,4-Dichloro-2-butene
Concen: 48.881 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

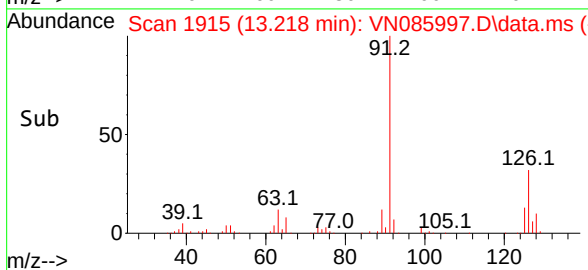
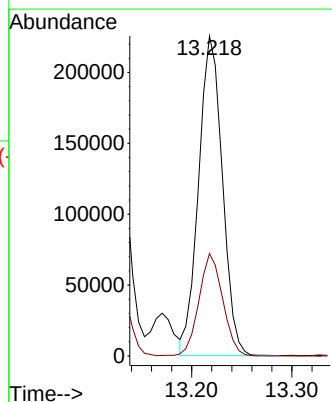
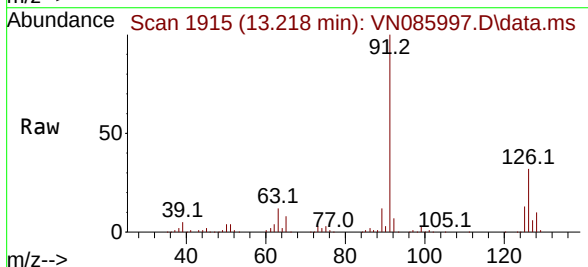
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

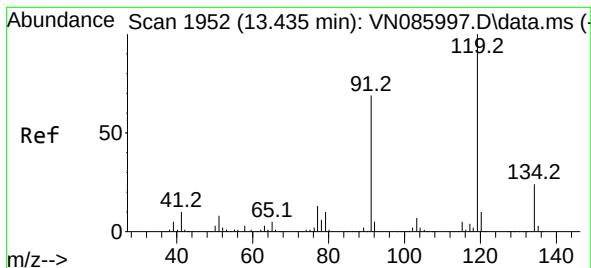
Tgt Ion:	75	Resp:	57082
Ion	Ratio	Lower	Upper
75	100		
53	82.5	66.0	99.0
89	46.1	36.9	55.3



#82
4-Chlorotoluene
Concen: 51.036 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion:	91	Resp:	371739
Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.2





#83

tert-Butylbenzene

Concen: 51.660 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

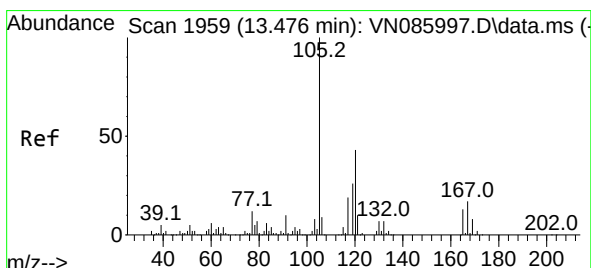
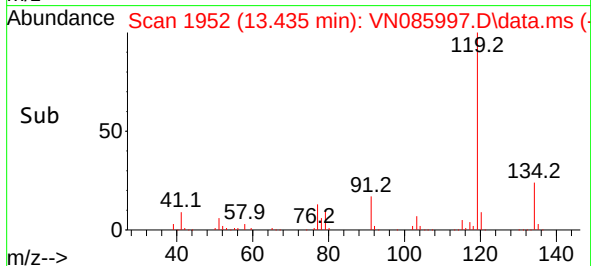
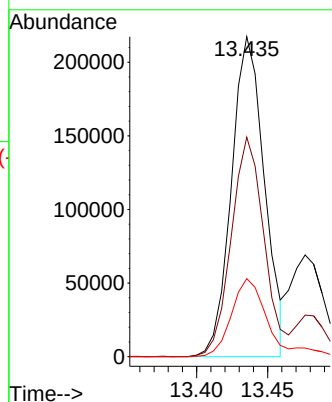
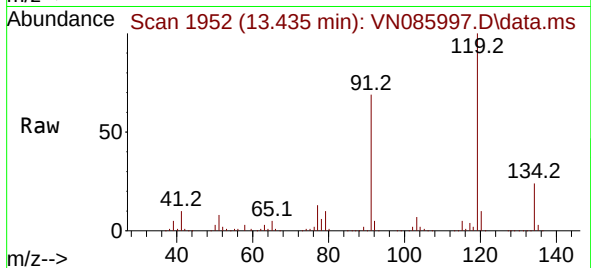
Tgt Ion:119 Resp: 351295

Ion Ratio Lower Upper

119 100

91 68.6 34.3 102.9

134 27.0 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 53.825 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085997.D

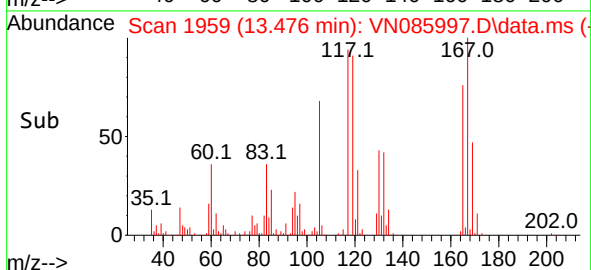
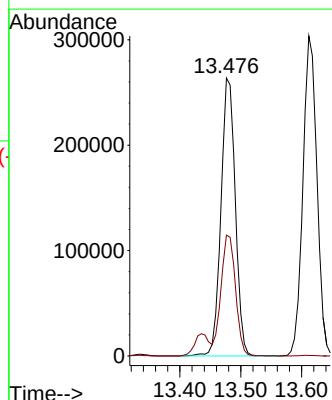
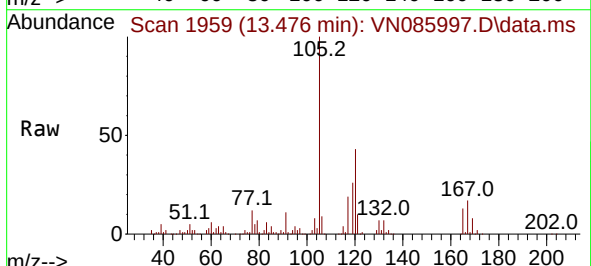
Acq: 18 Mar 2025 12:08

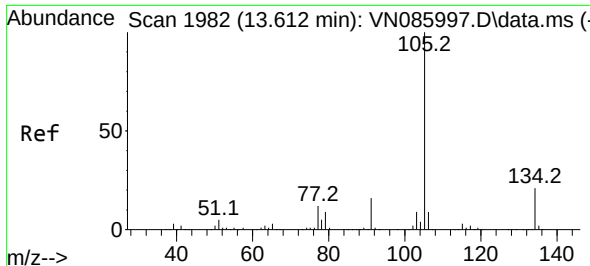
Tgt Ion:105 Resp: 431645

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.8

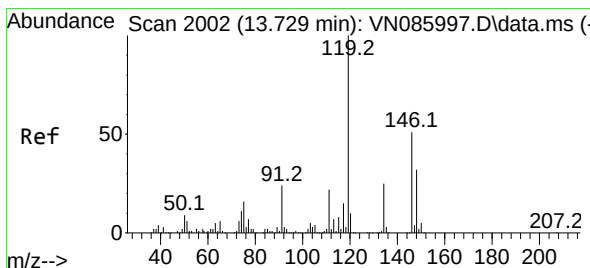
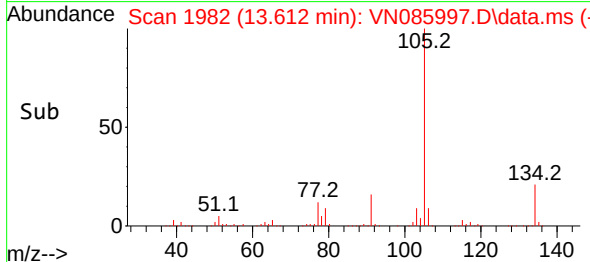
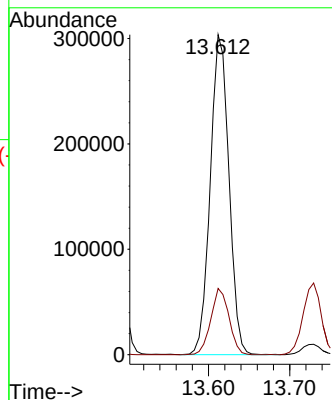
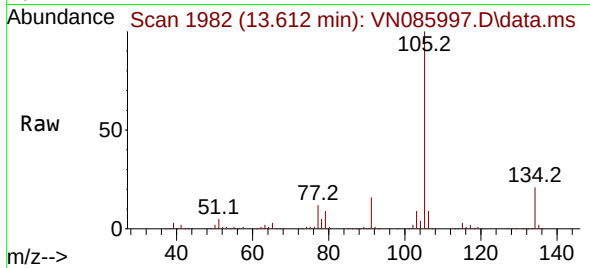




#85
 sec-Butylbenzene
 Concen: 54.622 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

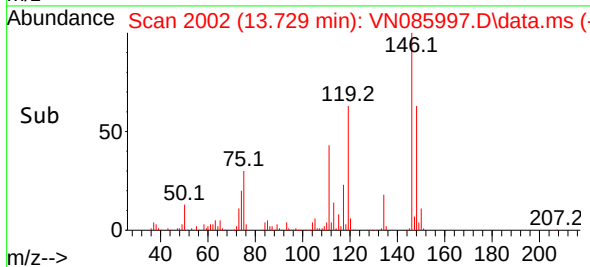
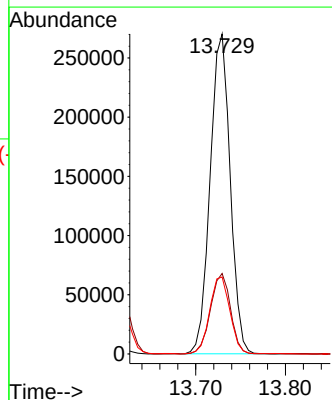
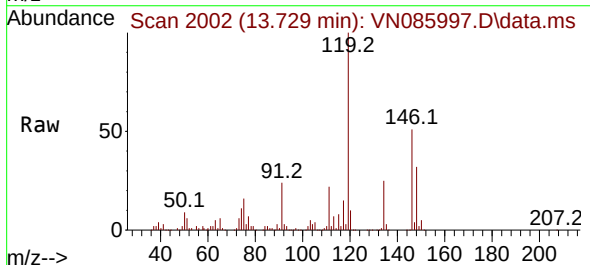
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

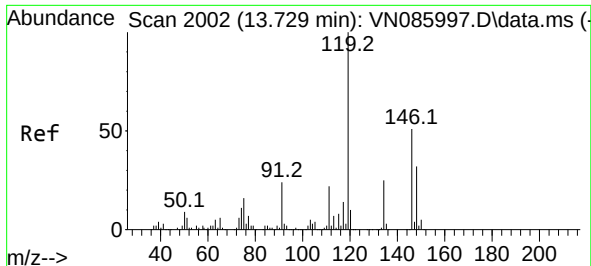
Tgt Ion:105 Resp: 484551
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 55.774 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

Tgt Ion:119 Resp: 418830
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 49.090 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

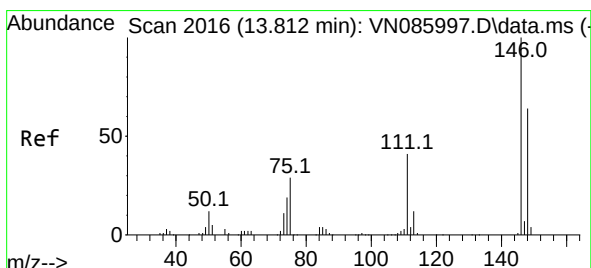
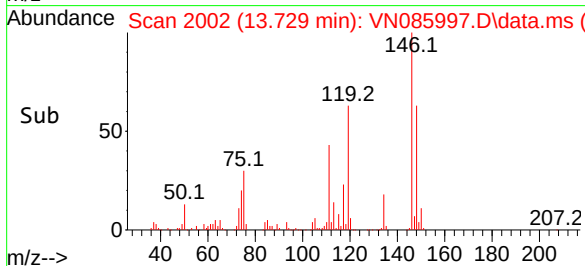
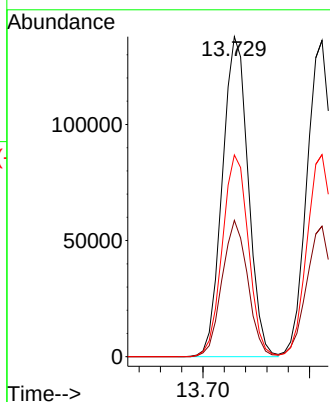
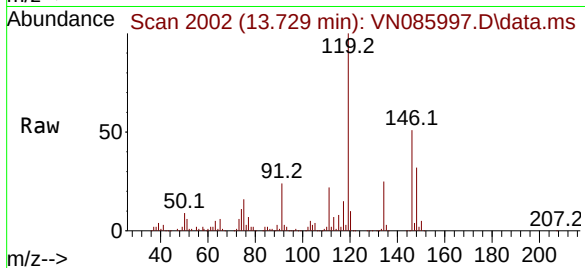
Tgt Ion:146 Resp: 232357

Ion Ratio Lower Upper

146 100

111 42.4 21.2 63.6

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 46.213 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

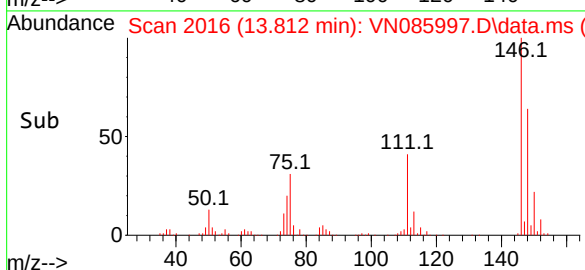
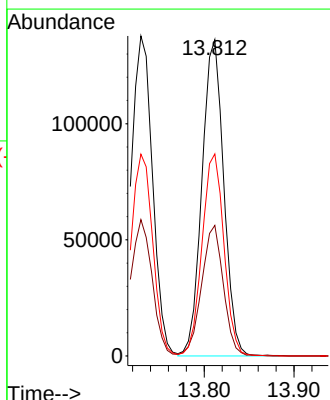
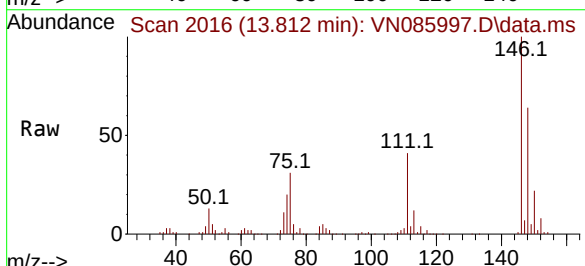
Tgt Ion:146 Resp: 229820

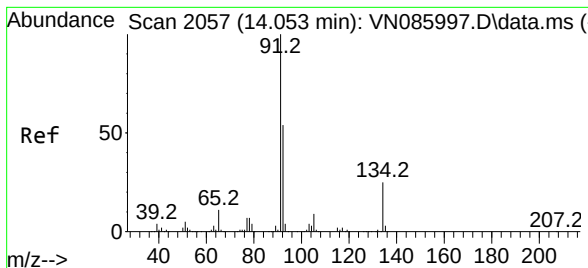
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 54.669 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085997.D

Acq: 18 Mar 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

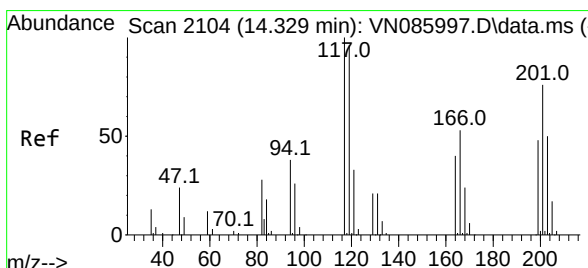
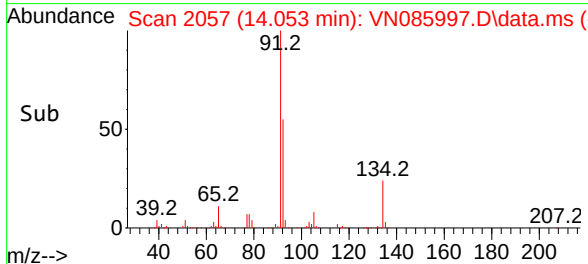
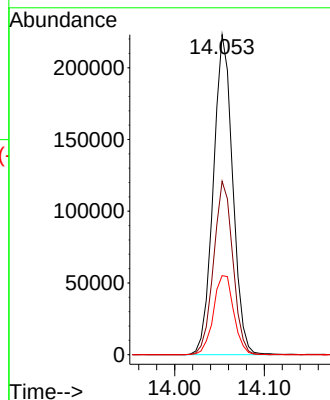
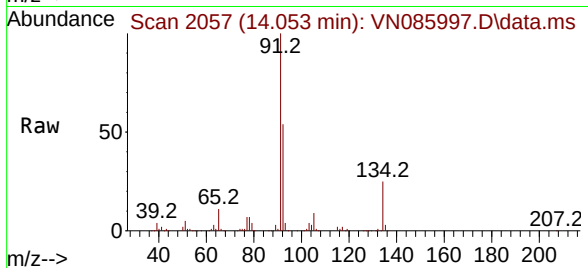
Tgt Ion: 91 Resp: 334309

Ion Ratio Lower Upper

91 100

92 53.7 26.9 80.6

134 26.0 13.0 39.0



#90

Hexachloroethane

Concen: 46.350 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085997.D

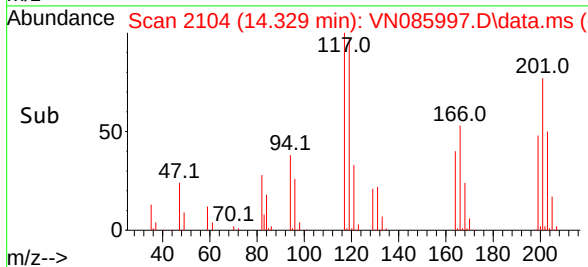
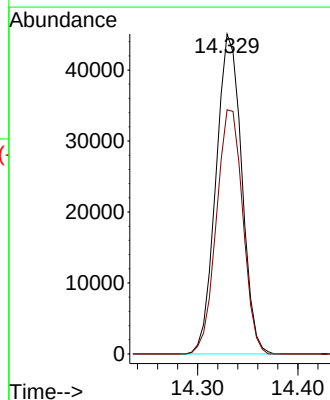
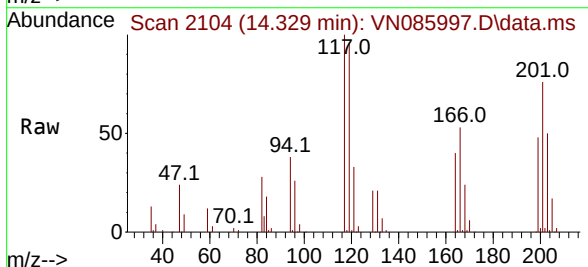
Acq: 18 Mar 2025 12:08

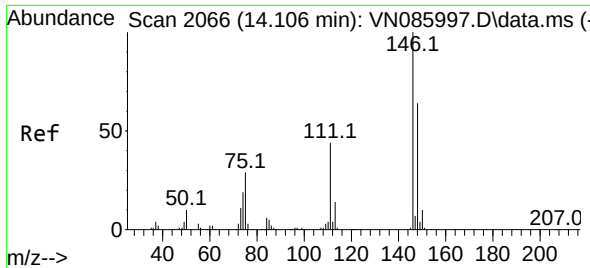
Tgt Ion: 117 Resp: 80312

Ion Ratio Lower Upper

117 100

201 78.2 39.1 117.3

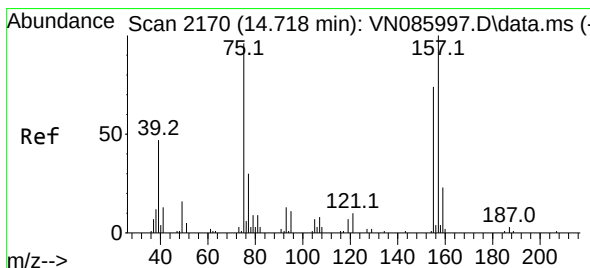
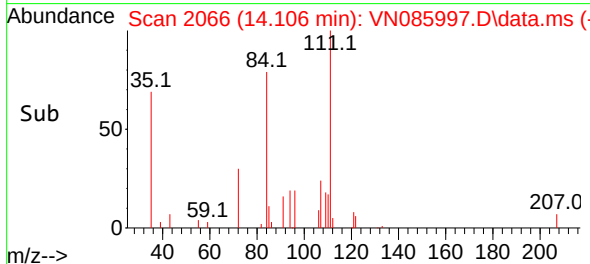
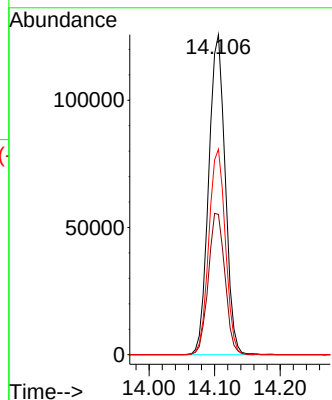
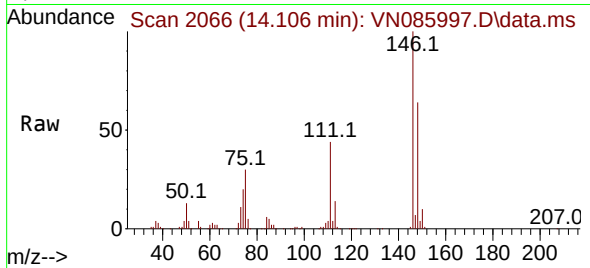




#91
1,2-Dichlorobenzene
Concen: 46.825 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

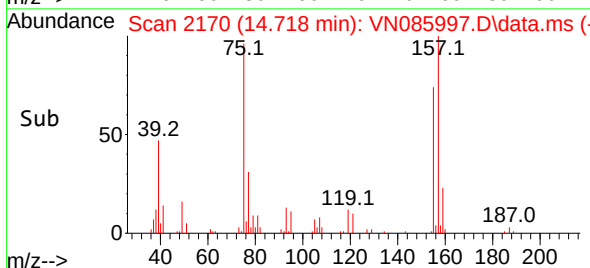
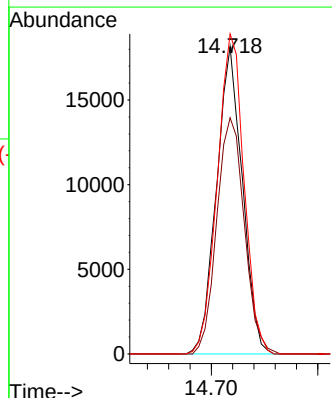
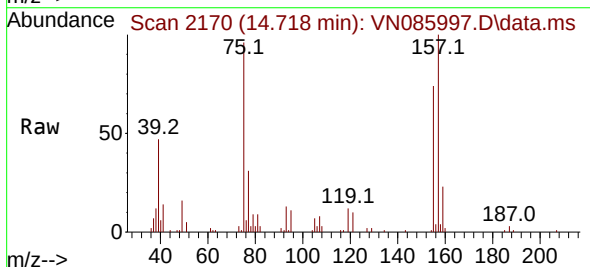
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

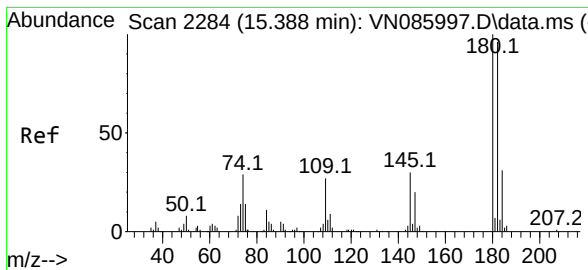
Tgt Ion:146 Resp: 220326
Ion Ratio Lower Upper
146 100
111 44.5 22.3 66.8
148 64.3 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.010 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085997.D
Acq: 18 Mar 2025 12:08

Tgt Ion: 75 Resp: 30533
Ion Ratio Lower Upper
75 100
155 82.0 41.0 123.0
157 107.4 53.7 161.1

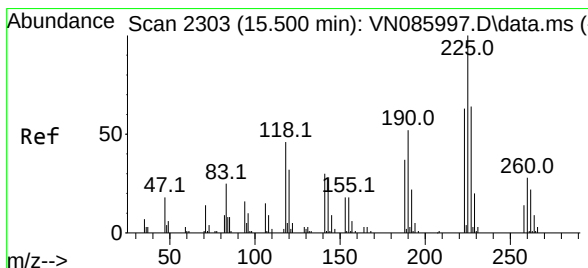
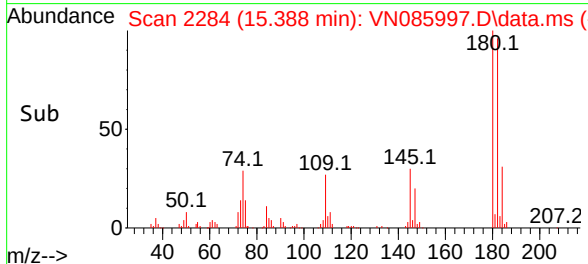
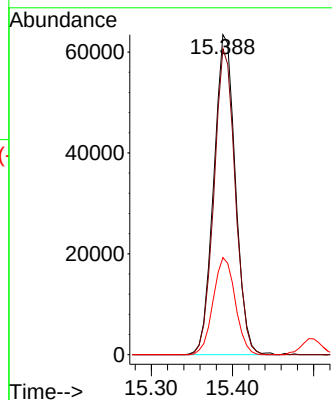
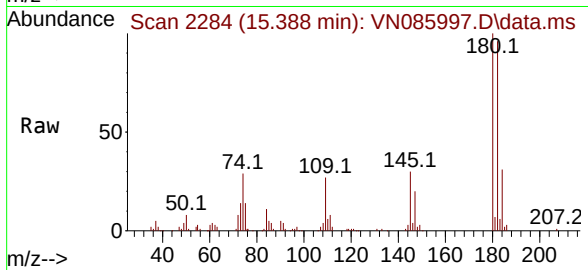




#93
 1,2,4-Trichlorobenzene
 Concen: 49.573 ug/l
 RT: 15.388 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

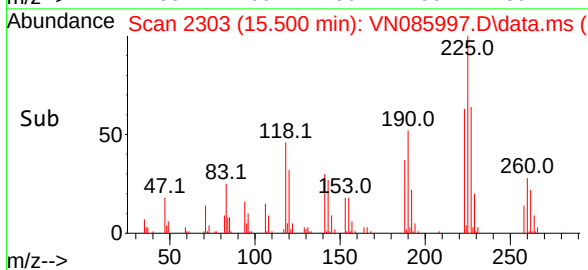
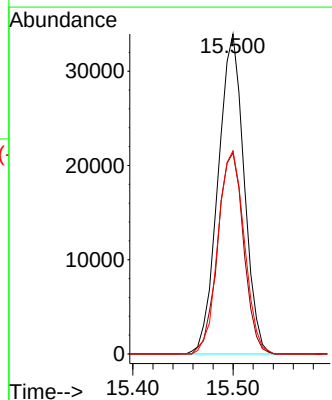
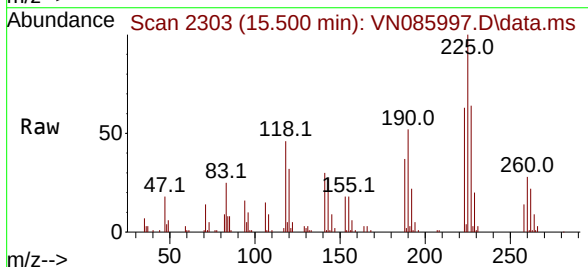
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

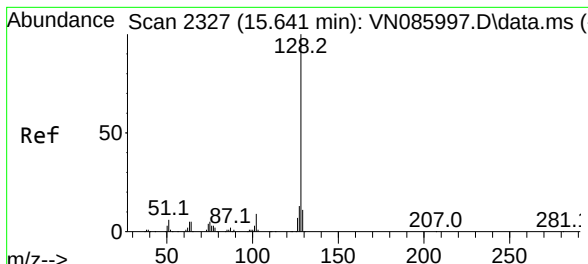
Tgt Ion:180 Resp: 117285
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.0 141.0
 145 31.0 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 44.428 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

Tgt Ion:225 Resp: 60983
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 64.2 32.1 96.3

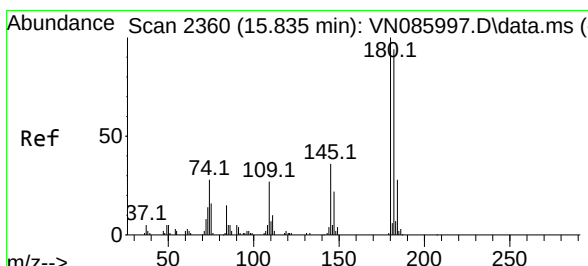
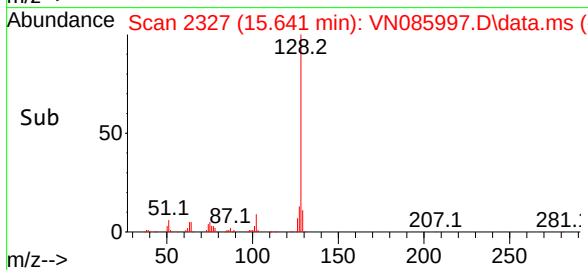
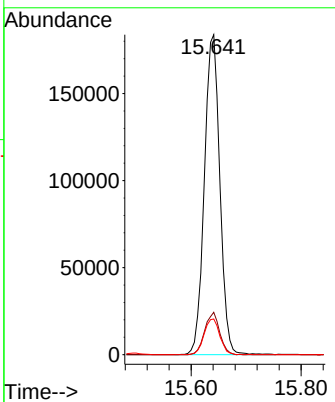
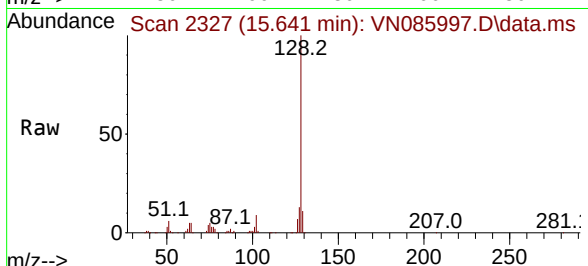




#95
 Naphthalene
 Concen: 52.451 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	128	Resp:	359331
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.3	9.0	13.6



#96
 1,2,3-Trichlorobenzene
 Concen: 50.897 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. 0.000 min
 Lab File: VN085997.D
 Acq: 18 Mar 2025 12:08

Tgt Ion:	180	Resp:	114262
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.5
145	35.4	17.7	53.1

