

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086538.D
 Acq On : 08 May 2025 11:34
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 09 01:47:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	237596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	411170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	156161	45.325	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.660%
35) Dibromofluoromethane	8.165	113	120540	63.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	126.340%#
50) Toluene-d8	10.565	98	495497	48.584	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.847	95	187473	50.397	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	130260	46.248	ug/l	98
3) Chloromethane	2.359	50	155487	37.985	ug/l	98
4) Vinyl Chloride	2.512	62	157852	40.410	ug/l	100
5) Bromomethane	2.953	94	88542	50.392	ug/l	99
6) Chloroethane	3.118	64	103401	39.552	ug/l	98
7) Trichlorofluoromethane	3.500	101	217073	50.169	ug/l	99
8) Diethyl Ether	3.959	74	84331	44.645	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	131642	50.293	ug/l	96
10) Methyl Iodide	4.589	142	158916	55.223	ug/l	100
11) Tert butyl alcohol	5.512	59	122972	195.618	ug/l	100
12) 1,1-Dichloroethene	4.341	96	128848	46.075	ug/l	98
13) Acrolein	4.177	56	59058	198.355	ug/l	93
14) Allyl chloride	5.018	41	188706	37.959	ug/l	95
15) Acrylonitrile	5.712	53	324065	208.535	ug/l	99
16) Acetone	4.418	43	298975	251.008	ug/l	100
17) Carbon Disulfide	4.712	76	334676	39.969	ug/l	97
18) Methyl Acetate	5.018	43	158378	38.295	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	463059	45.046	ug/l	98
20) Methylene Chloride	5.271	84	146505	45.996	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	136746	46.772	ug/l	94
22) Diisopropyl ether	6.665	45	445000	41.149	ug/l	96
23) Vinyl Acetate	6.600	43	1602062	211.919	ug/l	96
24) 1,1-Dichloroethane	6.565	63	254940	44.679	ug/l	98
25) 2-Butanone	7.477	43	439690	205.026	ug/l	95
26) 2,2-Dichloropropane	7.482	77	243994	47.759	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	173804	47.897	ug/l	94
28) Bromochloromethane	7.812	49	95382	39.424	ug/l	83
29) Tetrahydrofuran	7.830	42	275895	192.385	ug/l	94
30) Chloroform	7.965	83	267718	47.763	ug/l	100
31) Cyclohexane	8.253	56	222891	39.920	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	233209	48.636	ug/l	98
36) 1,1-Dichloropropene	8.371	75	189018	49.591	ug/l	97
37) Ethyl Acetate	7.559	43	169238	42.175	ug/l	98
38) Carbon Tetrachloride	8.359	117	199846	55.057	ug/l	98
39) Methylcyclohexane	9.600	83	219914	48.542	ug/l	97
40) Benzene	8.600	78	595415	48.757	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	97014	41.714	ug/l	95
42) 1,2-Dichloroethane	8.665	62	197636	50.750	ug/l	100
43) Isopropyl Acetate	8.682	43	316530	43.704	ug/l	96
44) Trichloroethene	9.353	130	157623	54.457	ug/l	91
45) 1,2-Dichloropropane	9.618	63	142643	47.718	ug/l	99
46) Dibromomethane	9.706	93	102233	53.677	ug/l	94
47) Bromodichloromethane	9.882	83	213886	51.995	ug/l	98
48) Methyl methacrylate	9.676	41	148575	42.162	ug/l	95
49) 1,4-Dioxane	9.688	88	54423	907.954	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	892530	217.210	ug/l	97
52) Toluene	10.629	92	388314	50.961	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	230449	50.186	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	247583	49.089	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	142296	51.903	ug/l	97
56) Ethyl methacrylate	10.870	69	241609	47.944	ug/l	96
57) 1,3-Dichloropropane	11.159	76	243407	50.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	497571	208.026	ug/l	95
59) 2-Hexanone	11.194	43	656953	215.548	ug/l	97
60) Dibromochloromethane	11.359	129	165415	54.946	ug/l	99
61) 1,2-Dibromoethane	11.465	107	147606	53.359	ug/l	100
64) Tetrachloroethene	11.100	164	159066	56.203	ug/l	96
65) Chlorobenzene	11.888	112	434996	52.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	146969	54.255	ug/l	99
67) Ethyl Benzene	11.959	91	756168	51.033	ug/l	100
68) m/p-Xylenes	12.065	106	587177	105.760	ug/l	96
69) o-Xylene	12.394	106	289536	52.733	ug/l	96
70) Styrene	12.406	104	489740	53.532	ug/l	99
71) Bromoform	12.576	173	112390	55.107	ug/l #	98
73) Isopropylbenzene	12.694	105	714406	48.016	ug/l	99
74) N-amyl acetate	12.488	43	277866	37.515	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	192170	44.921	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	272272	63.435	ug/l	60
77) Bromobenzene	12.976	156	175359	53.193	ug/l	87
78) n-propylbenzene	13.029	91	842469	48.053	ug/l	98
79) 2-Chlorotoluene	13.123	91	522182	47.598	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	597208	49.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	85691	47.948	ug/l	91
82) 4-Chlorotoluene	13.217	91	535052	49.097	ug/l	97
83) tert-Butylbenzene	13.435	119	514775	48.787	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	603983	48.726	ug/l	98
85) sec-Butylbenzene	13.611	105	720827	49.251	ug/l	98
86) p-Isopropyltoluene	13.723	119	620174	51.409	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	335702	54.170	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	335231	53.706	ug/l	97
89) n-Butylbenzene	14.053	91	535845	50.113	ug/l	98
90) Hexachloroethane	14.329	117	102307	50.419	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	319360	53.153	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37887	43.923	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	156918	54.541	ug/l	99
94) Hexachlorobutadiene	15.494	225	61985	57.074	ug/l	99
95) Naphthalene	15.635	128	490825	48.126	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	145460	53.403	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

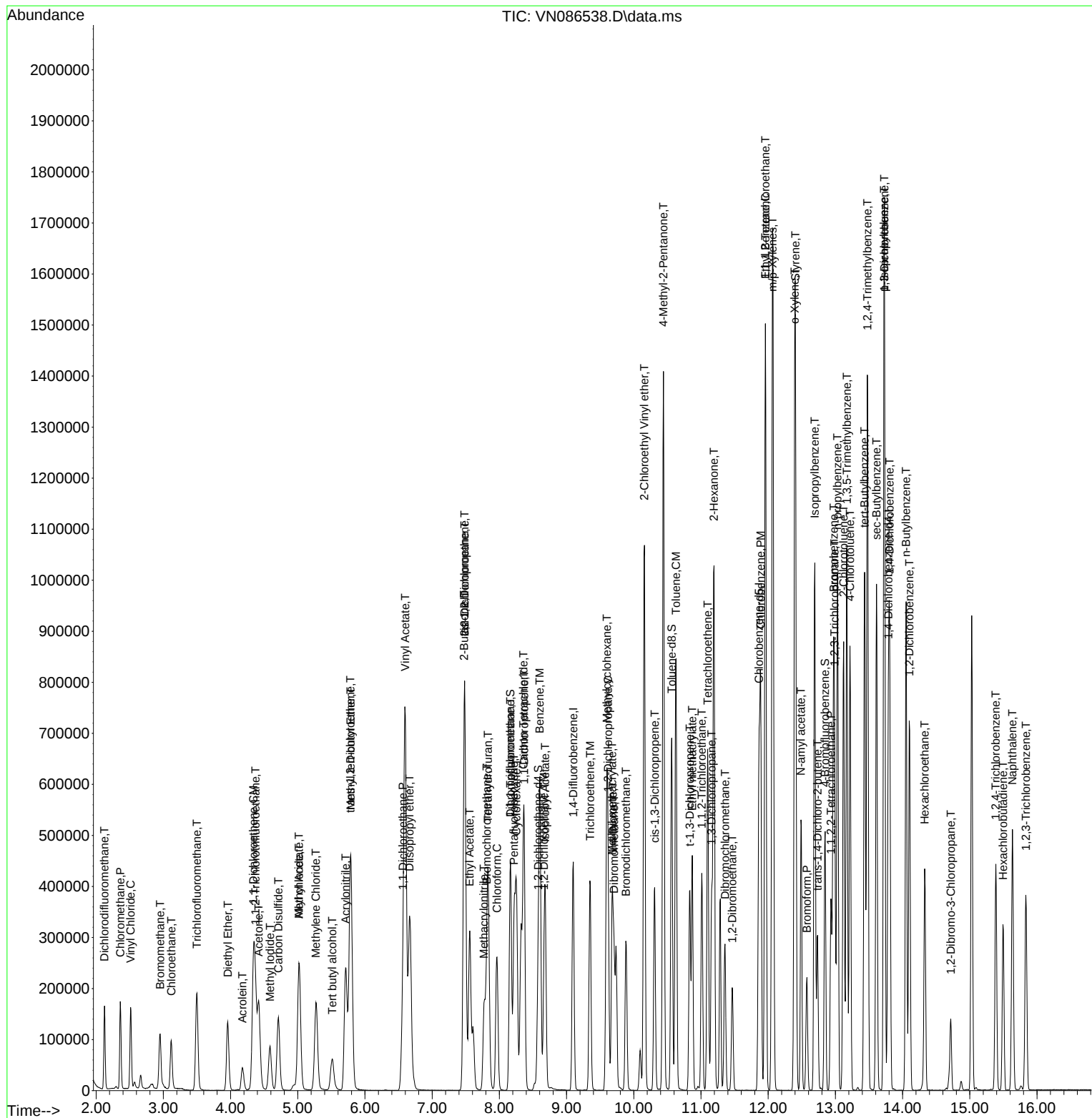
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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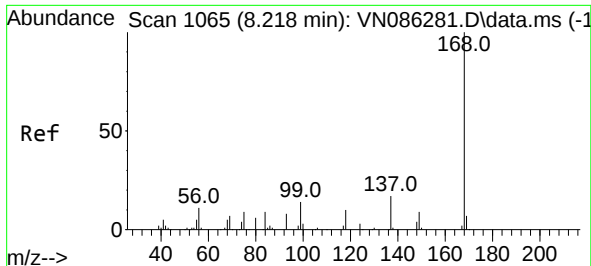
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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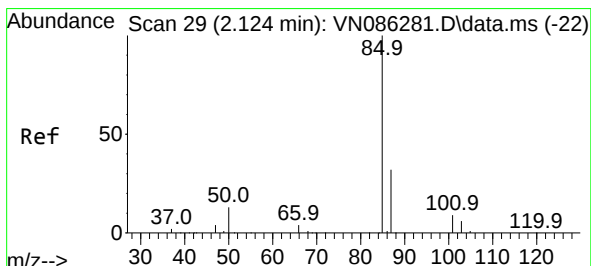
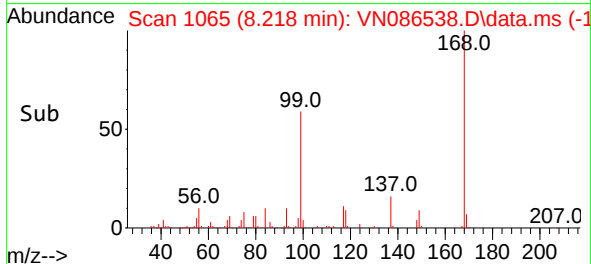
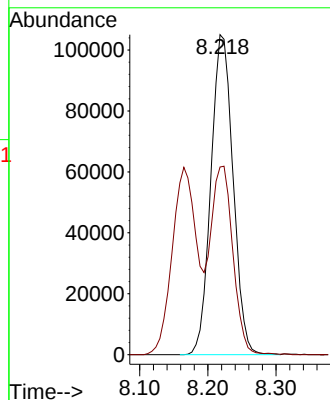
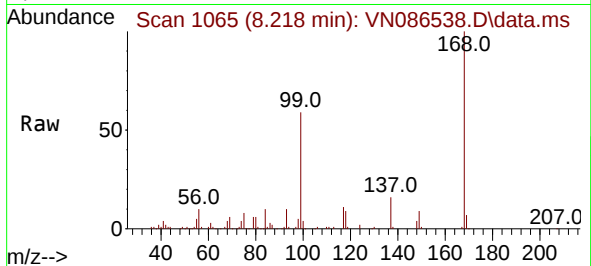




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086538.D
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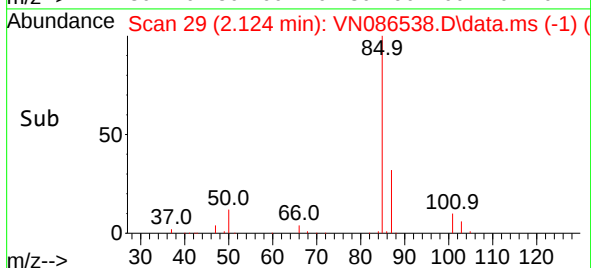
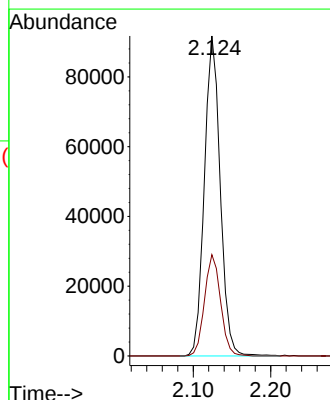
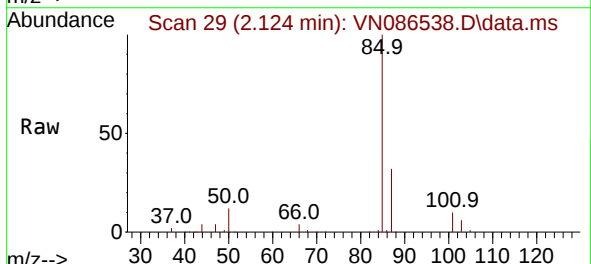
Instrument :
MSVOA_N
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VSTDCCC050

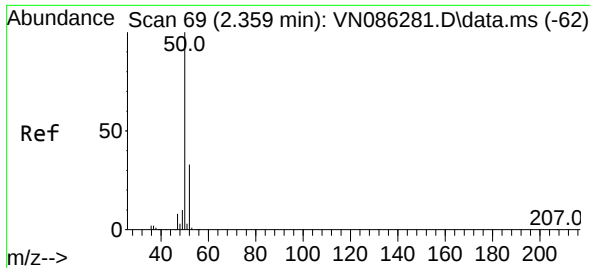
Tgt Ion:168 Resp: 237596
Ion Ratio Lower Upper
168 100
99 58.5 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 46.248 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 85 Resp: 130260
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.8

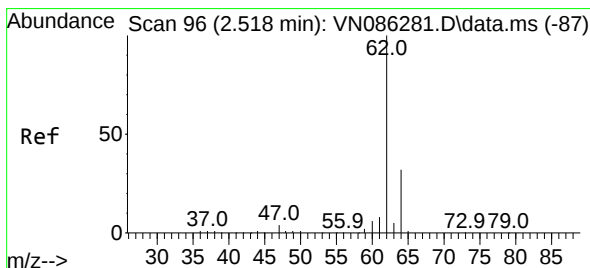
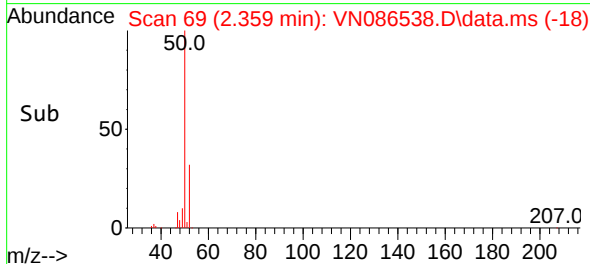
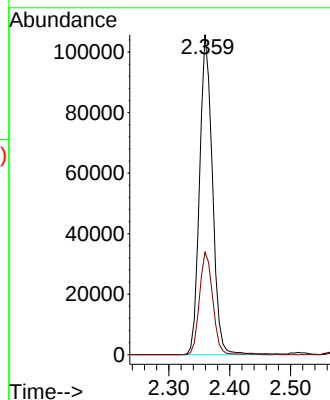
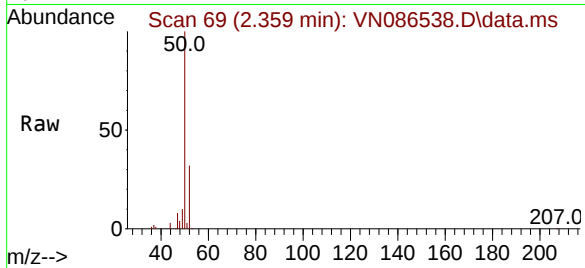




#3
Chloromethane
Concen: 37.985 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

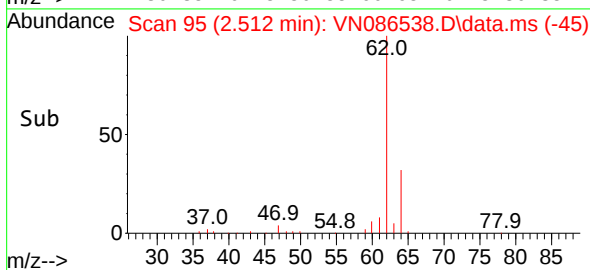
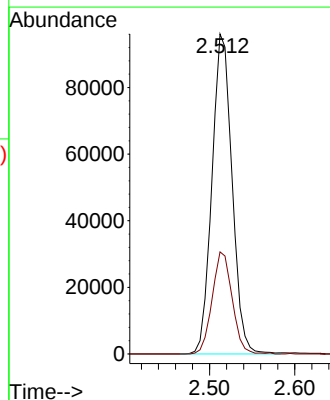
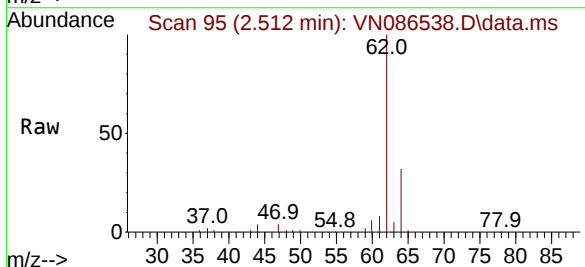
Instrument :
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VSTDCCC050

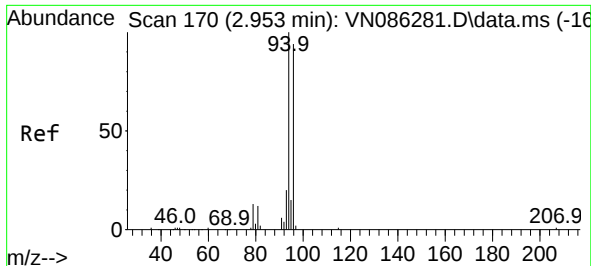
Tgt Ion: 50 Resp: 155487
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7



#4
Vinyl Chloride
Concen: 40.410 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 62 Resp: 157852
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4

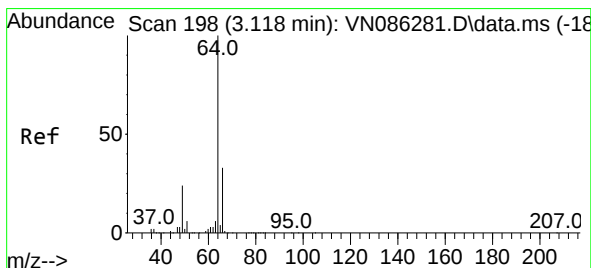
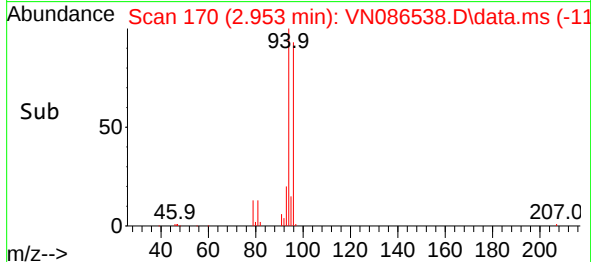
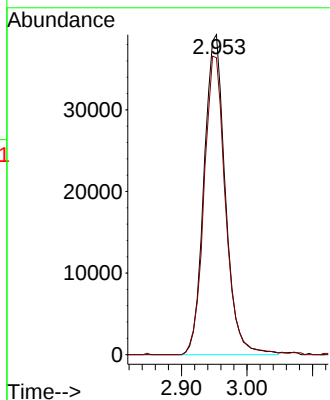
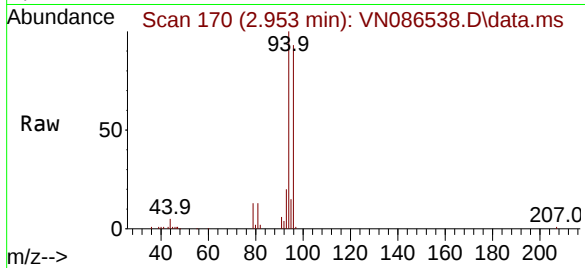




#5
Bromomethane
Concen: 50.392 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086538.D
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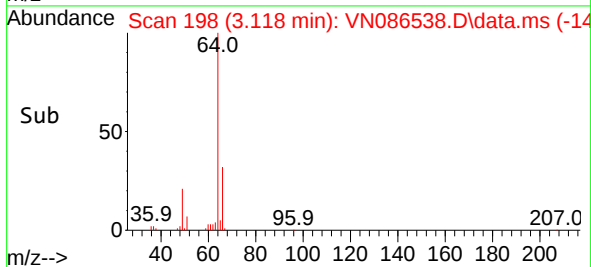
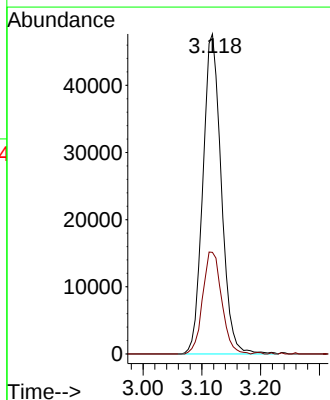
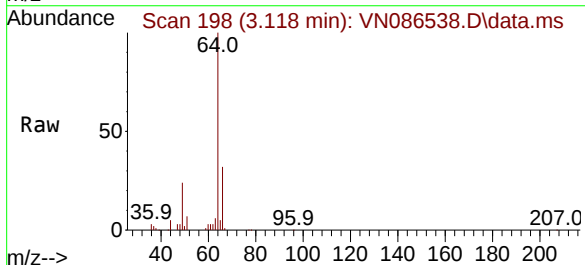
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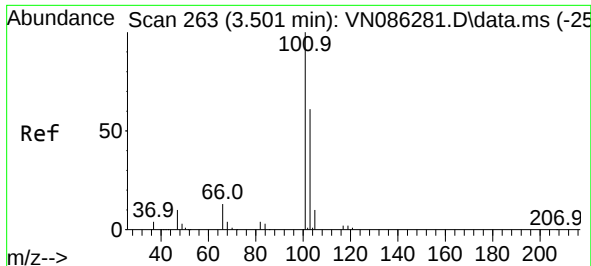
Tgt Ion: 94 Resp: 88542
Ion Ratio Lower Upper
94 100
96 92.8 75.2 112.8



#6
Chloroethane
Concen: 39.552 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 64 Resp: 103401
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.2

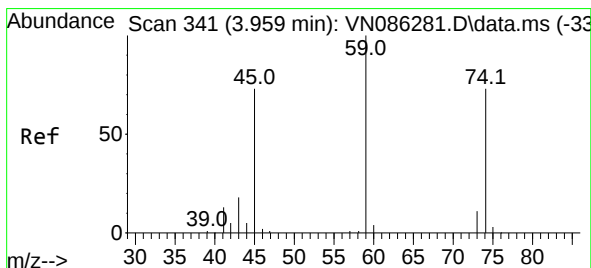
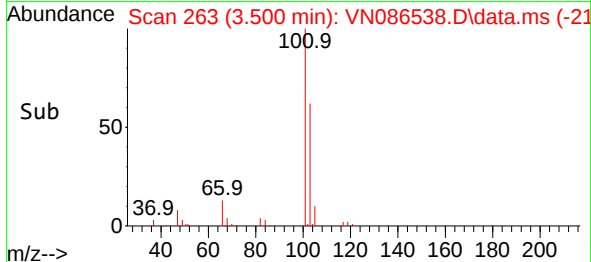
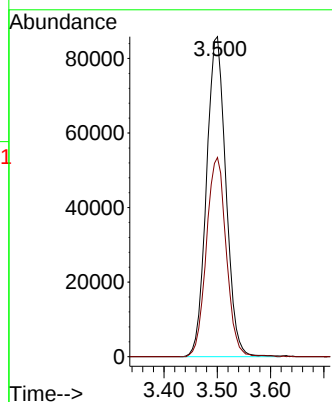
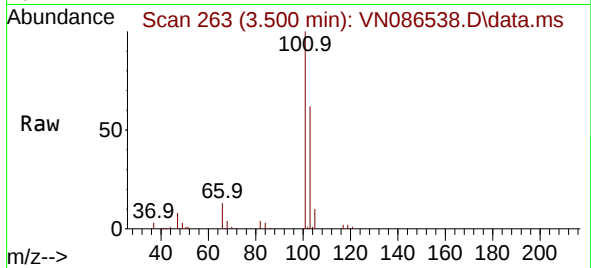




#7
 Trichlorofluoromethane
 Concen: 50.169 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

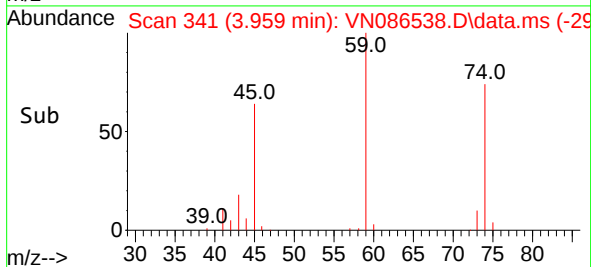
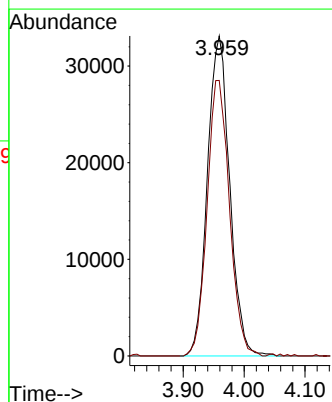
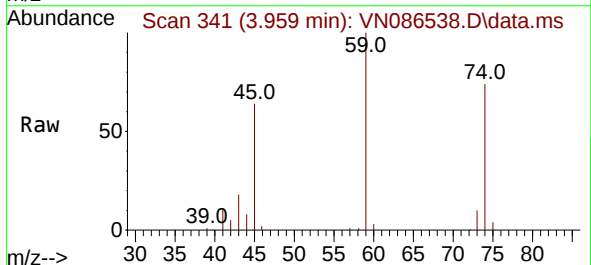
Instrument :
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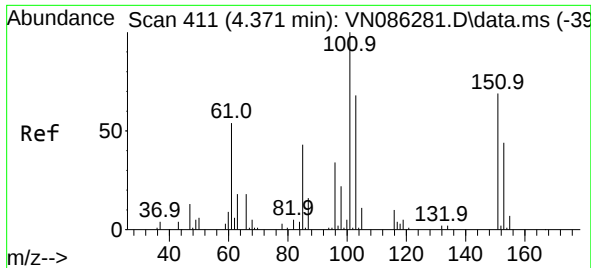
Tgt Ion:101 Resp: 217073
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.2 73.8



#8
 Diethyl Ether
 Concen: 44.645 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086538.D
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Tgt Ion: 74 Resp: 84331
 Ion Ratio Lower Upper
 74 100
 45 86.4 48.0 144.2

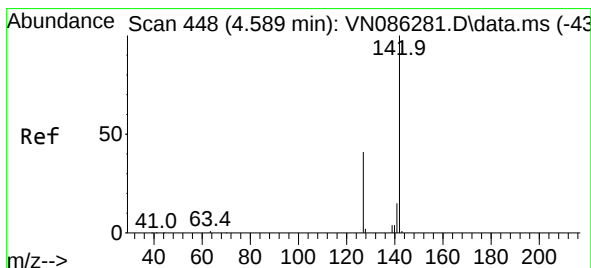
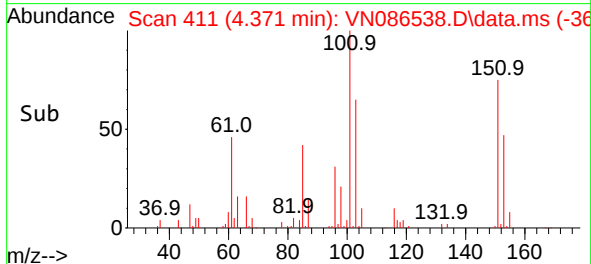
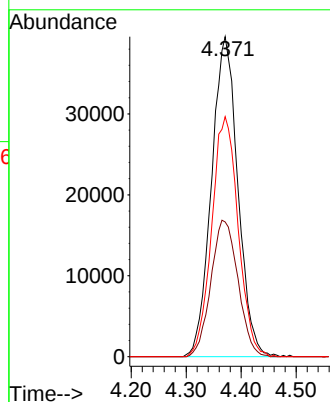
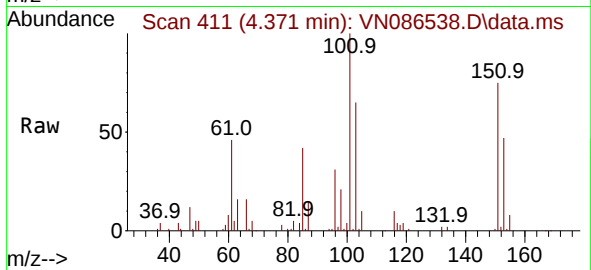




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.293 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

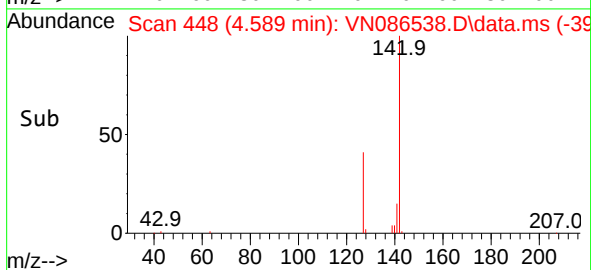
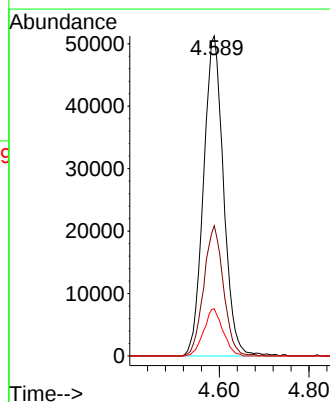
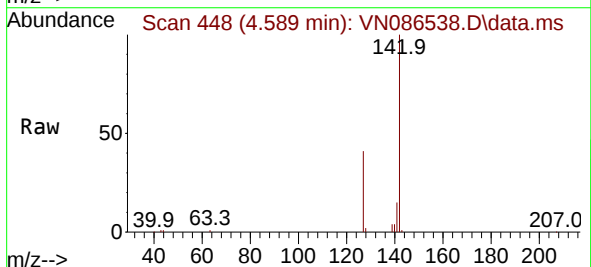
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

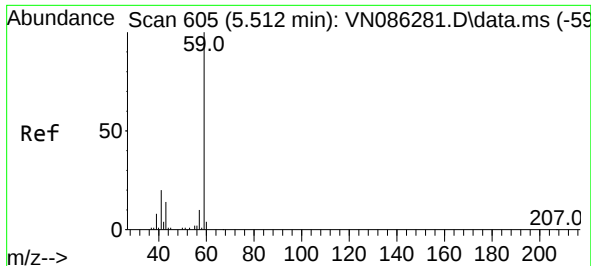
Tgt Ion:101 Resp: 131642
Ion Ratio Lower Upper
101 100
85 43.8 34.7 52.1
151 75.2 56.1 84.1



#10
Methyl Iodide
Concen: 55.223 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:142 Resp: 158916
Ion Ratio Lower Upper
142 100
127 40.7 32.7 49.1
141 14.7 11.7 17.5

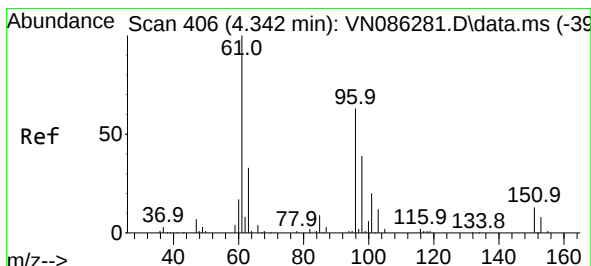
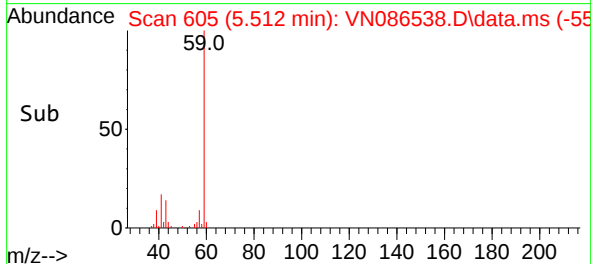
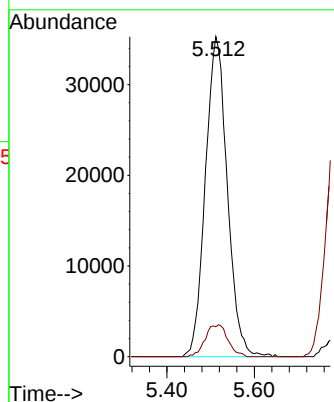
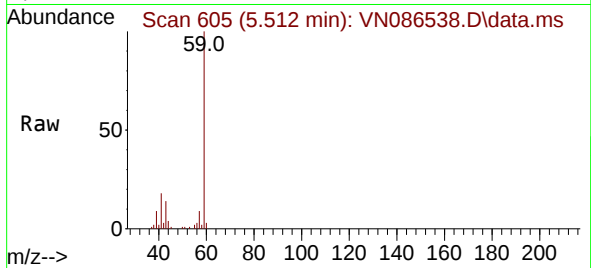




#11
Tert butyl alcohol
Concen: 195.618 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

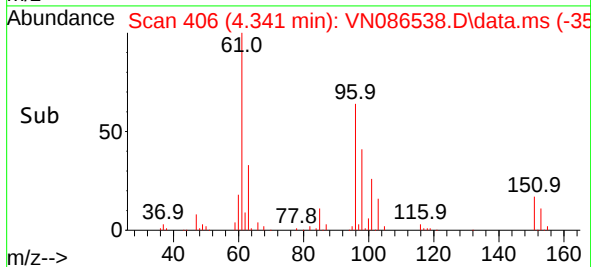
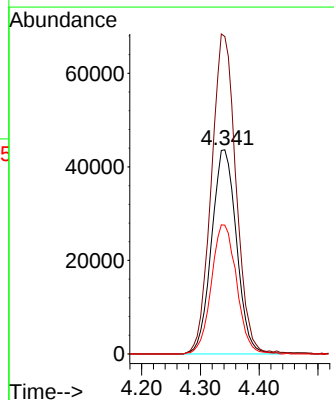
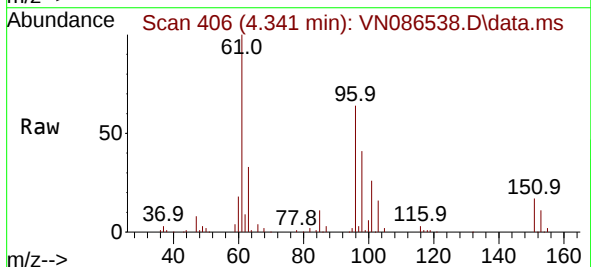
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

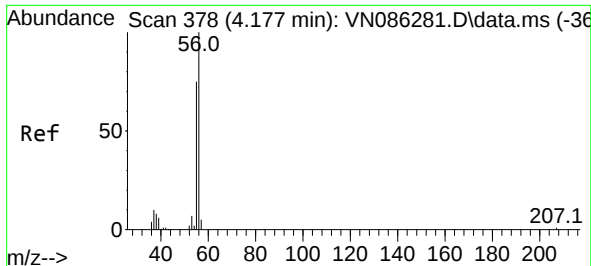
Tgt Ion: 59 Resp: 122972
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.075 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 96 Resp: 128848
Ion Ratio Lower Upper
96 100
61 155.4 126.6 189.8
98 63.1 49.6 74.4

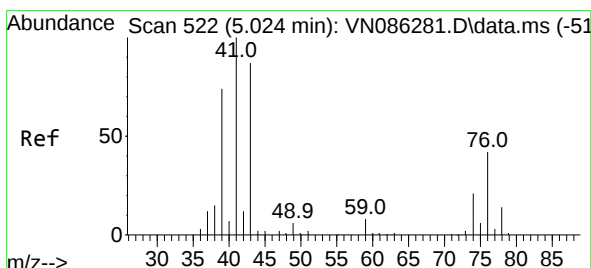
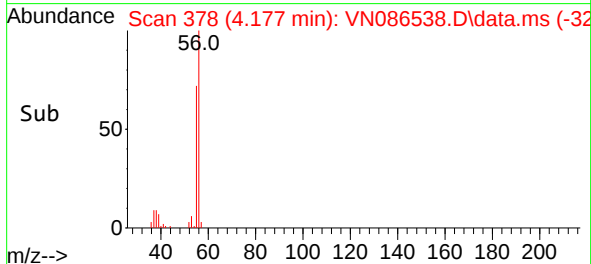
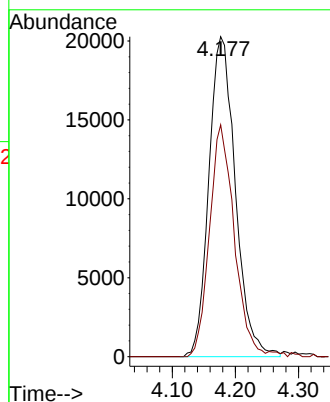
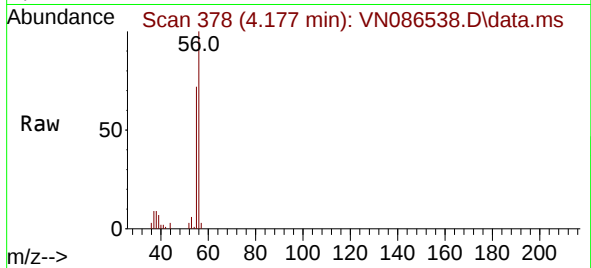




#13
Acrolein
Concen: 198.355 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

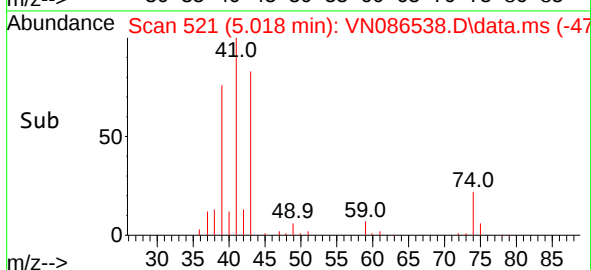
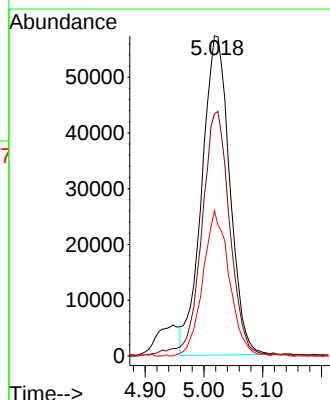
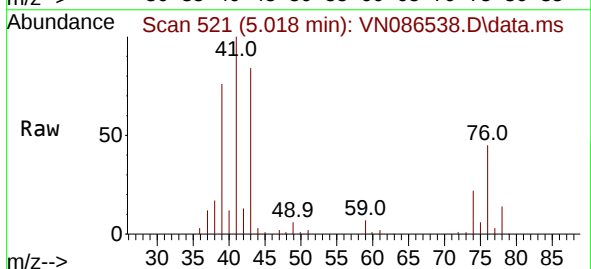
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

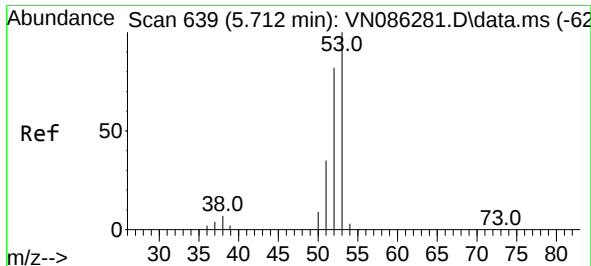
Tgt Ion: 56 Resp: 59058
Ion Ratio Lower Upper
56 100
55 67.2 58.5 87.7



#14
Allyl chloride
Concen: 37.959 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 41 Resp: 188706
Ion Ratio Lower Upper
41 100
39 77.5 59.2 88.8
76 43.0 31.2 46.8

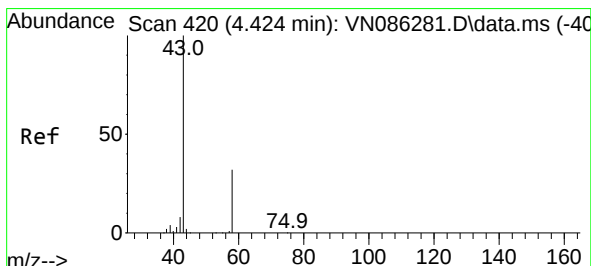
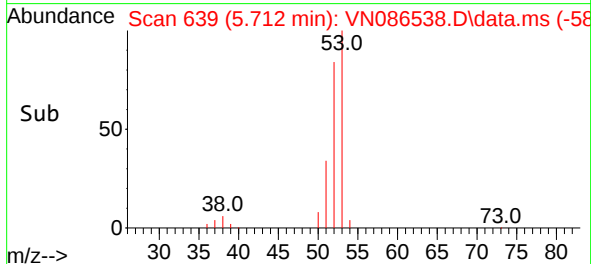
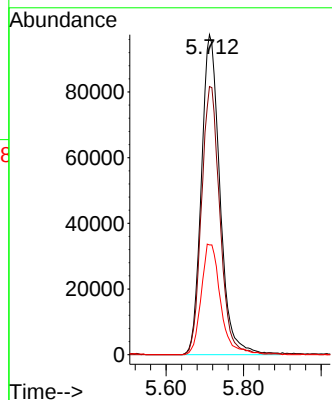
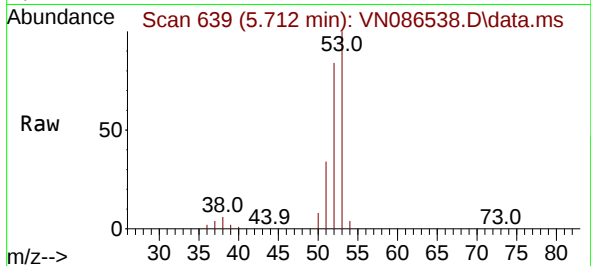




#15
Acrylonitrile
Concen: 208.535 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

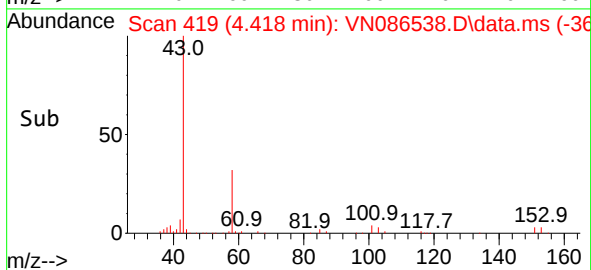
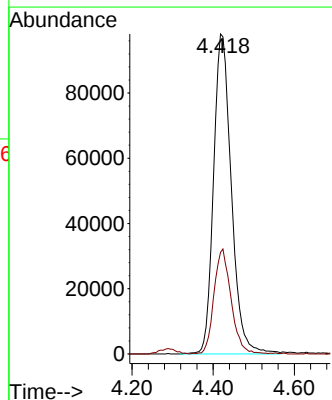
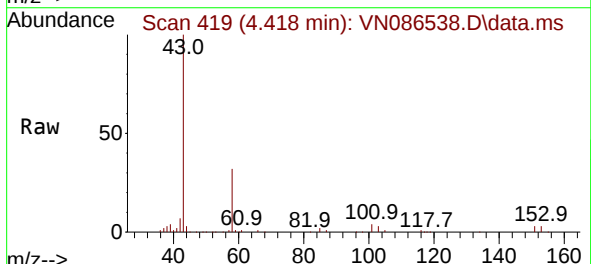
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

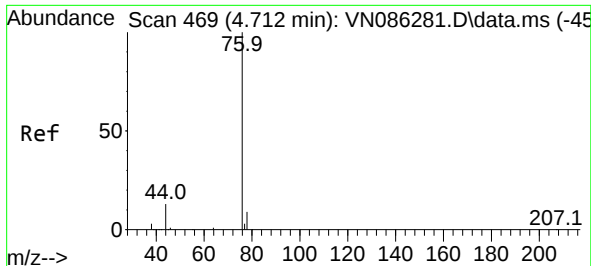
Tgt Ion: 53 Resp: 324065
Ion Ratio Lower Upper
53 100
52 83.1 65.5 98.3
51 36.0 28.6 42.8



#16
Acetone
Concen: 251.008 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 43 Resp: 298975
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9

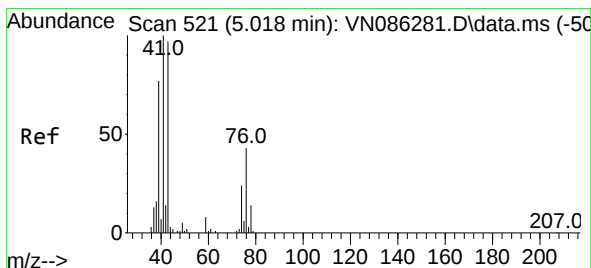
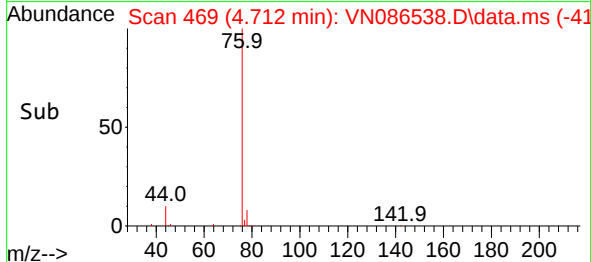
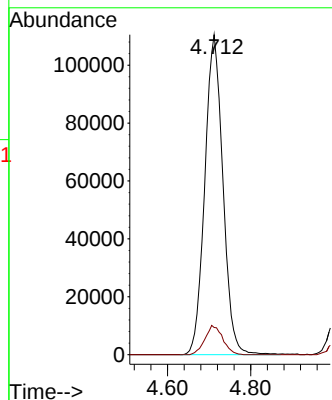
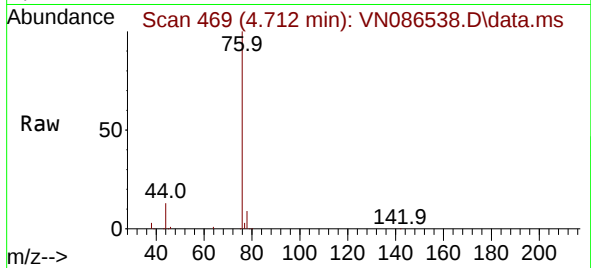




#17
Carbon Disulfide
Concen: 39.969 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

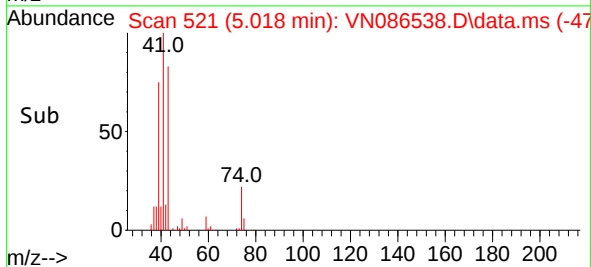
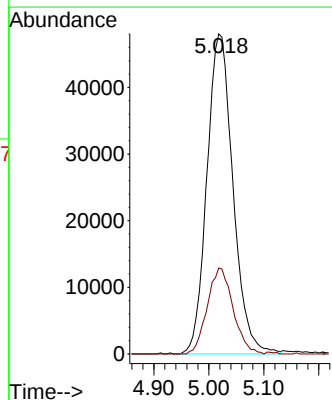
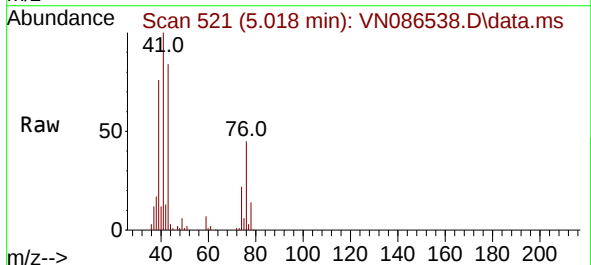
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

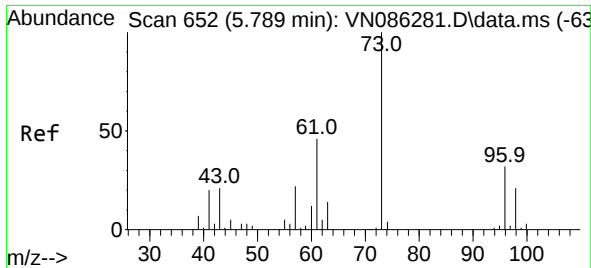
Tgt Ion: 76 Resp: 334676
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 38.295 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 43 Resp: 158378
Ion Ratio Lower Upper
43 100
74 26.4 19.8 29.6

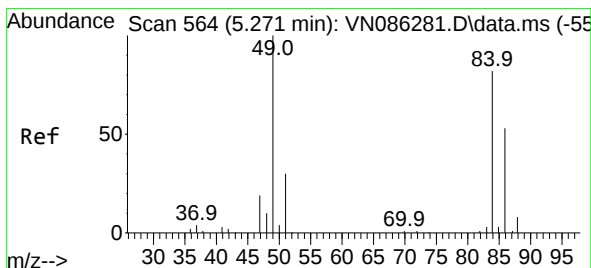
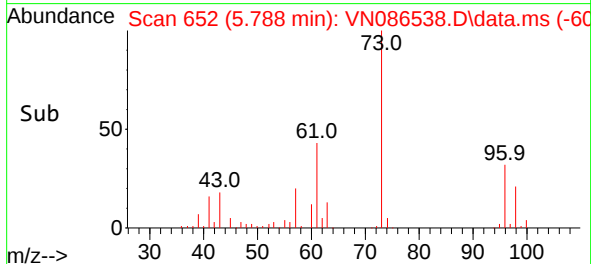
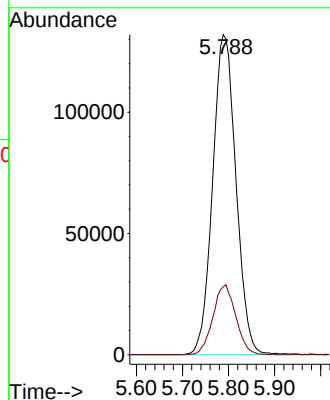
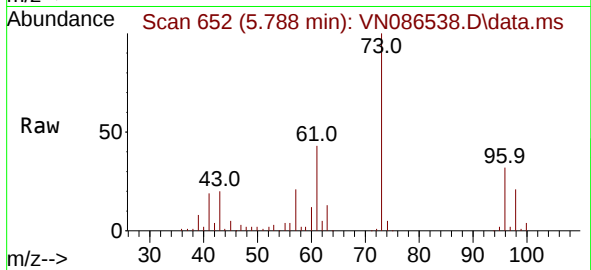




#19
Methyl tert-butyl Ether
Concen: 45.046 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

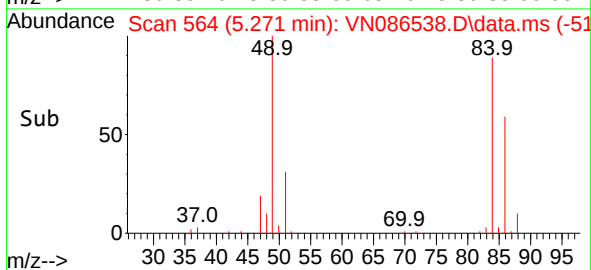
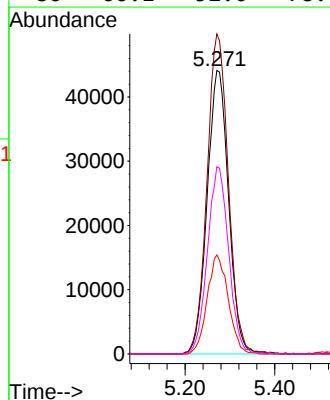
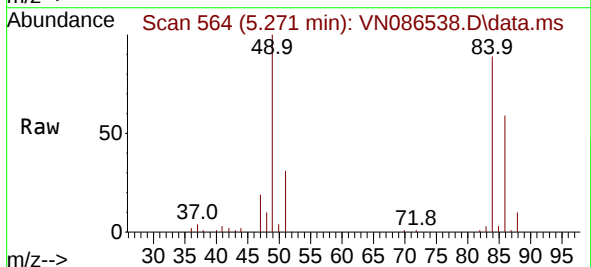
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

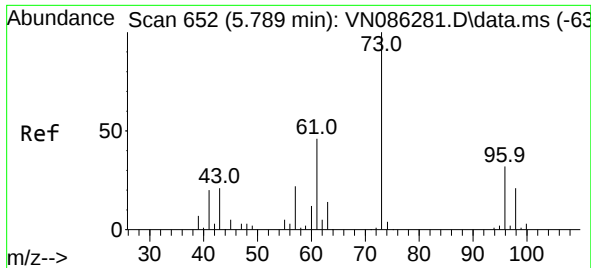
Tgt Ion: 73 Resp: 463059
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4



#20
Methylene Chloride
Concen: 45.996 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 84 Resp: 146505
Ion Ratio Lower Upper
84 100
49 112.9 98.2 147.2
51 35.0 29.8 44.6
86 66.1 52.0 78.0

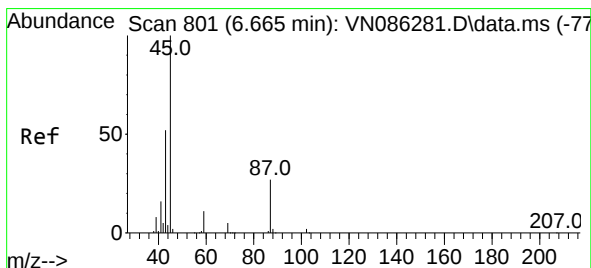
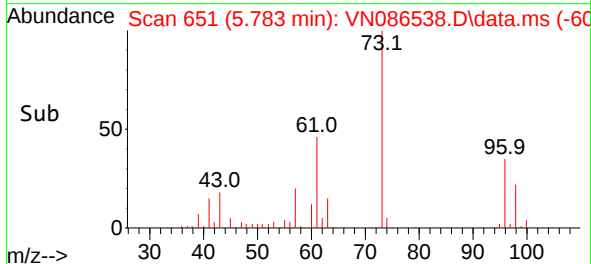
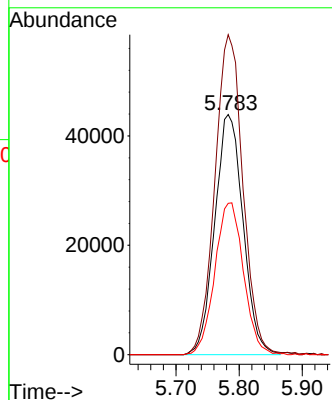
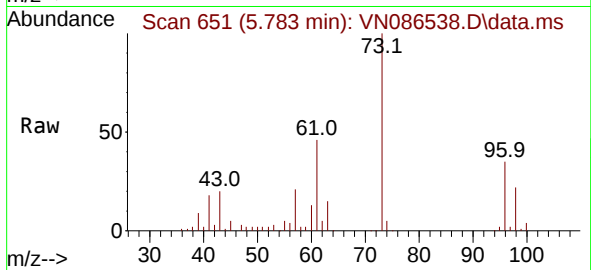




#21
trans-1,2-Dichloroethene
Concen: 46.772 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

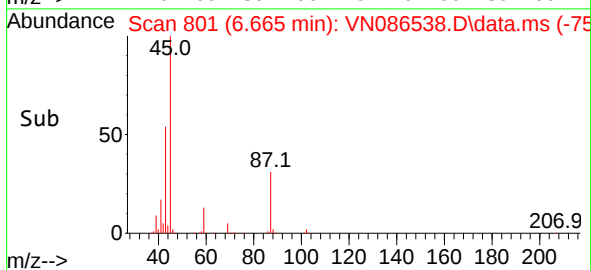
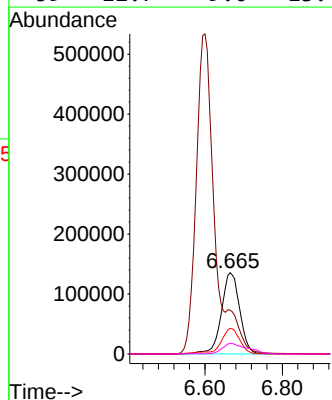
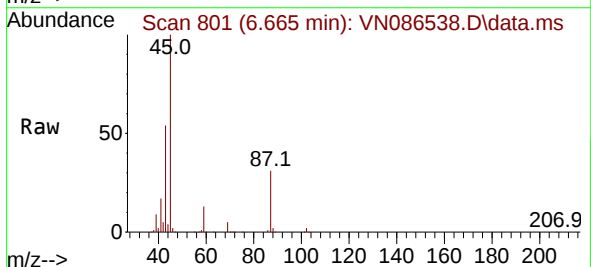
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

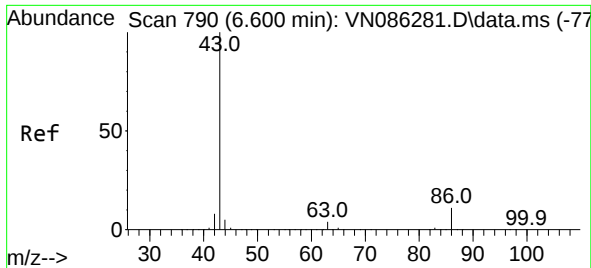
Tgt Ion: 96 Resp: 136746
Ion Ratio Lower Upper
96 100
61 133.3 114.6 171.8
98 63.0 51.2 76.8



#22
Diisopropyl ether
Concen: 41.149 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 45 Resp: 445000
Ion Ratio Lower Upper
45 100
43 53.2 41.8 62.8
87 31.5 21.6 32.4
59 12.7 9.0 13.4

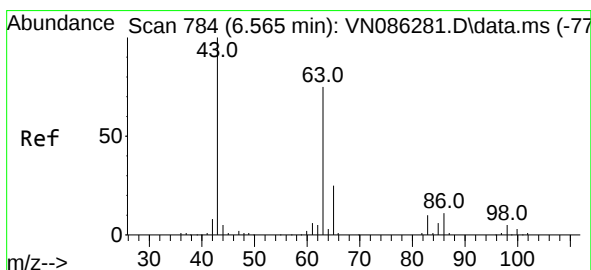
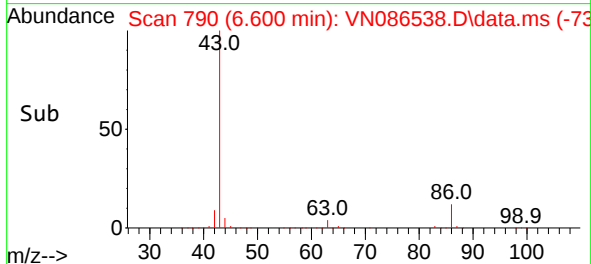
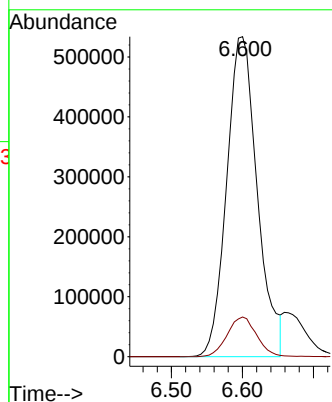
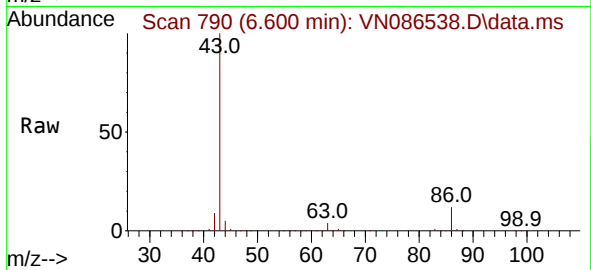




#23
 Vinyl Acetate
 Concen: 211.919 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

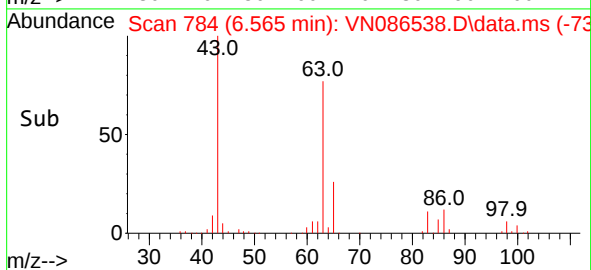
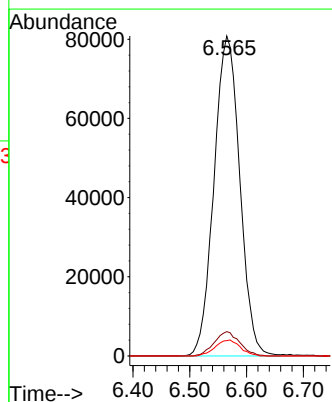
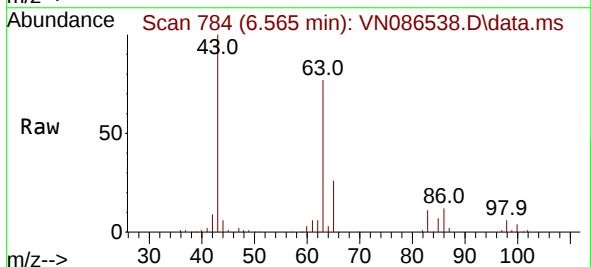
Instrument :
 MSVOA_N
 ClientSampleId :
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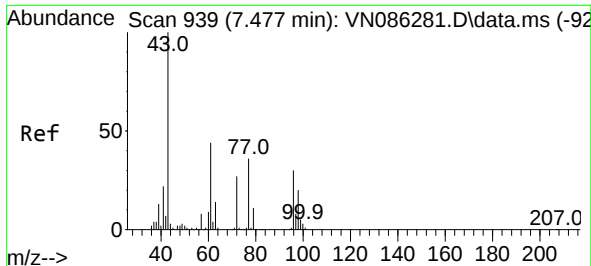
Tgt Ion: 43 Resp: 1602062
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 44.679 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

Tgt Ion: 63 Resp: 254940
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 4.8 2.1 6.5

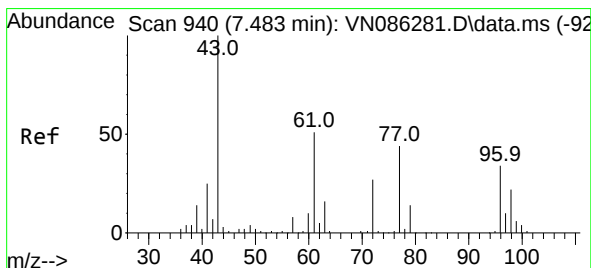
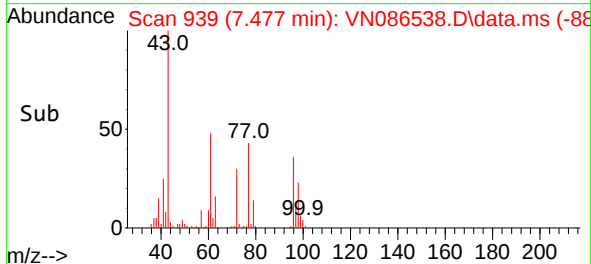
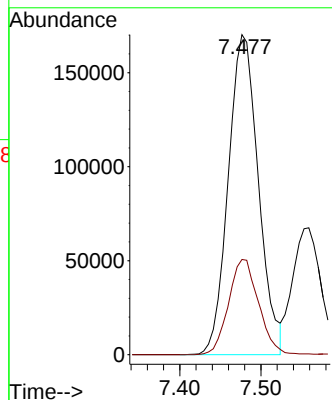
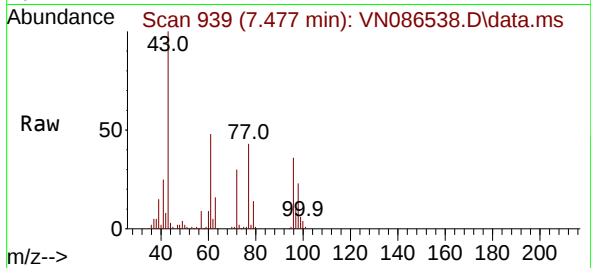




#25
2-Butanone
Concen: 205.026 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

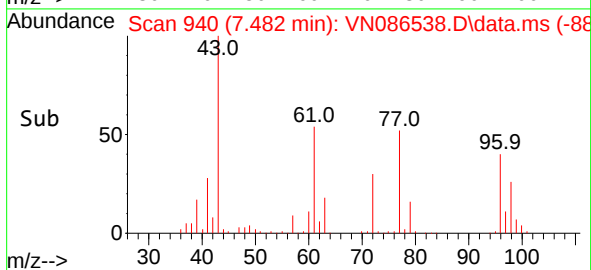
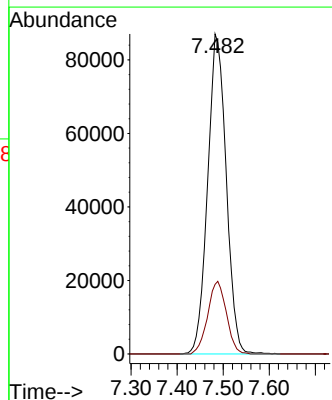
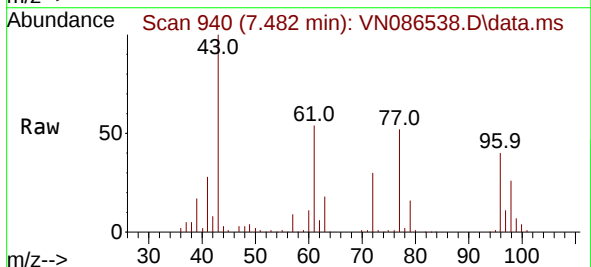
Instrument :
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ClientSampleId :
VSTDCCC050

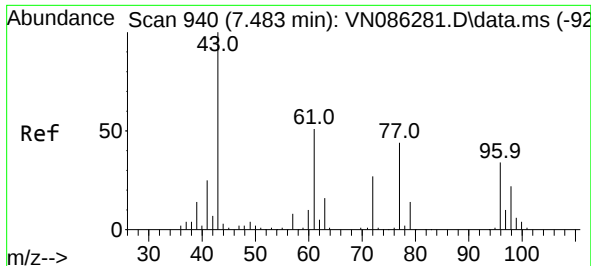
Tgt Ion: 43 Resp: 439690
Ion Ratio Lower Upper
43 100
72 29.8 21.7 32.5



#26
2,2-Dichloropropane
Concen: 47.759 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 77 Resp: 243994
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.5



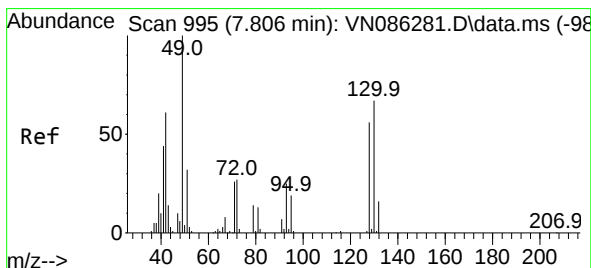
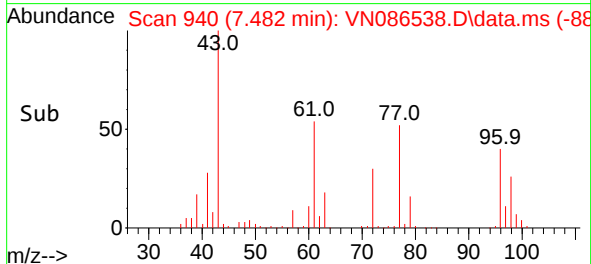
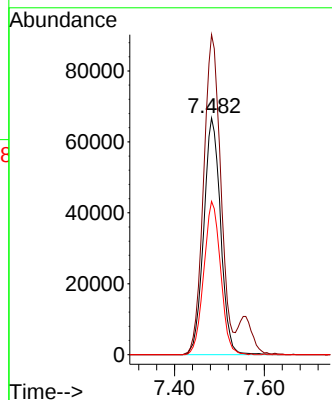
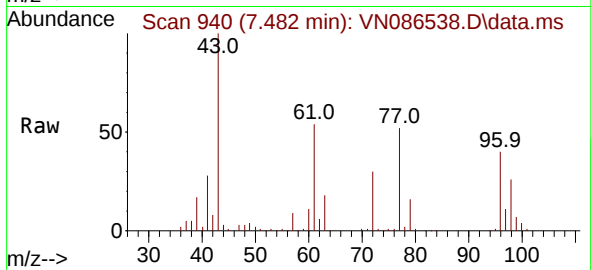


#27
 cis-1,2-Dichloroethene
 Concen: 47.897 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 173804

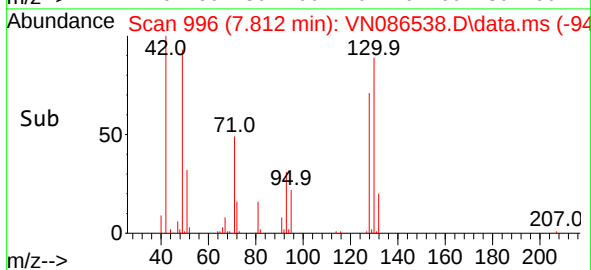
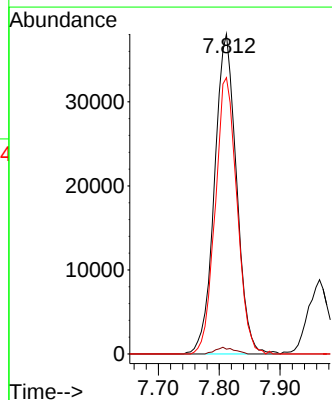
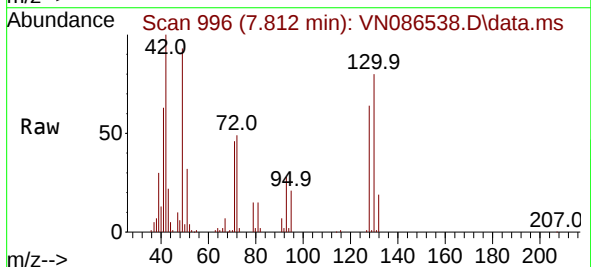
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	299.0
98	64.6	0.0	129.6

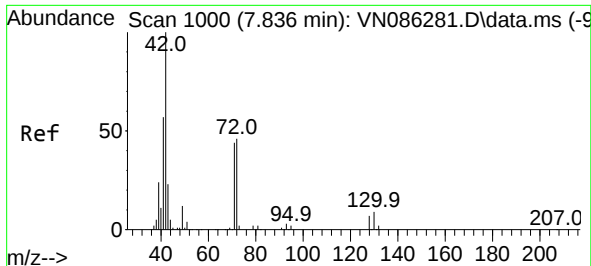


#28
 Bromochloromethane
 Concen: 39.424 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

Tgt Ion: 49 Resp: 95382

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	85.4	57.1	85.7





#29

Tetrahydrofuran

Concen: 192.385 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

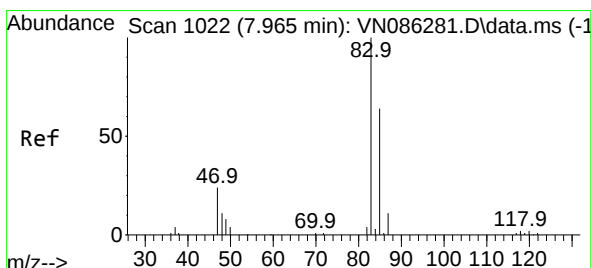
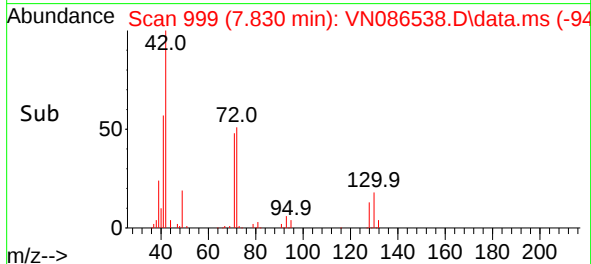
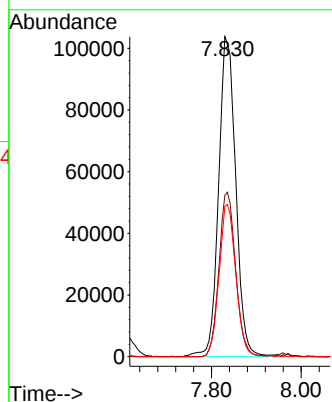
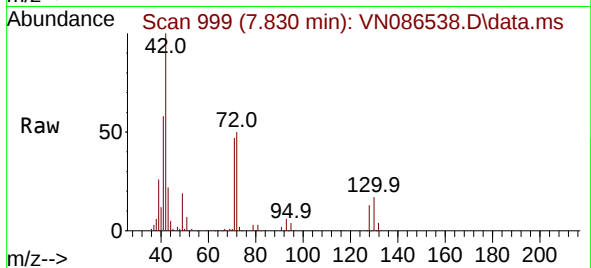
Tgt Ion: 42 Resp: 275895

Ion Ratio Lower Upper

42 100

72 49.9 36.2 54.4

71 46.2 34.0 51.0



#30

Chloroform

Concen: 47.763 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086538.D

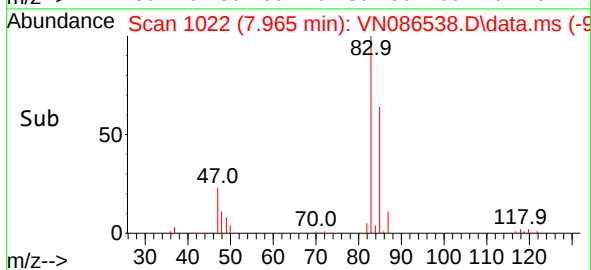
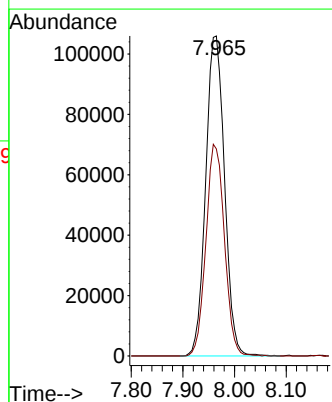
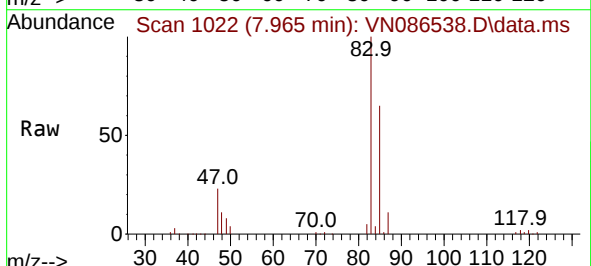
Acq: 08 May 2025 11:34

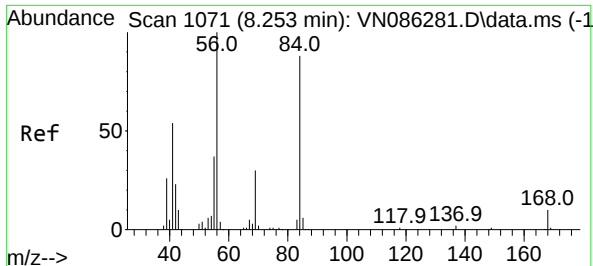
Tgt Ion: 83 Resp: 267718

Ion Ratio Lower Upper

83 100

85 64.7 51.5 77.3

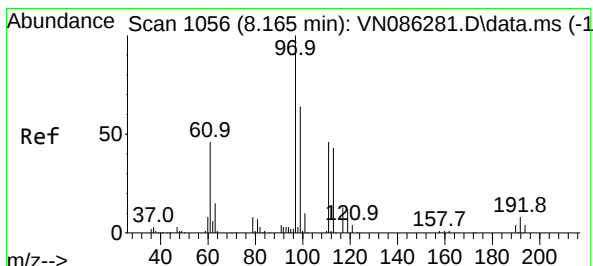
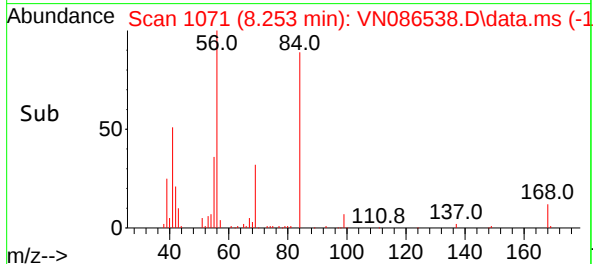
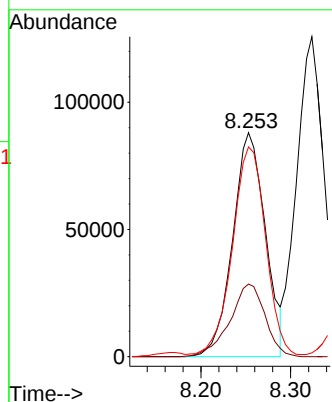
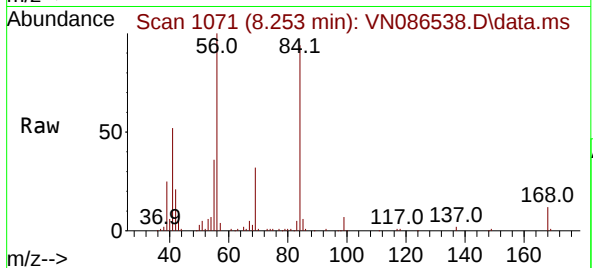




#31
Cyclohexane
Concen: 39.920 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

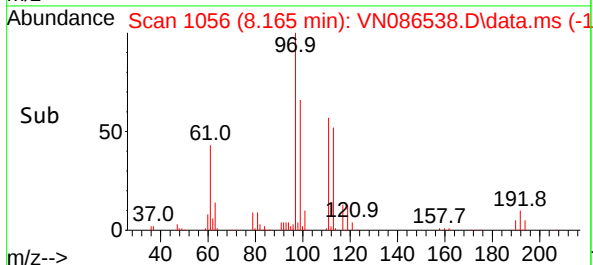
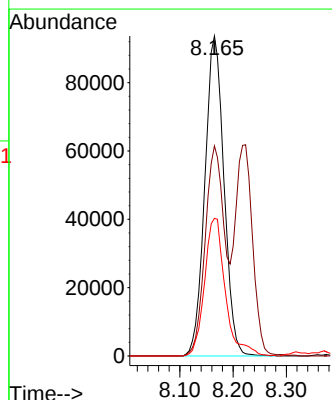
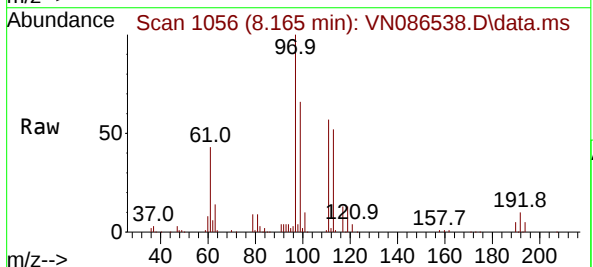
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

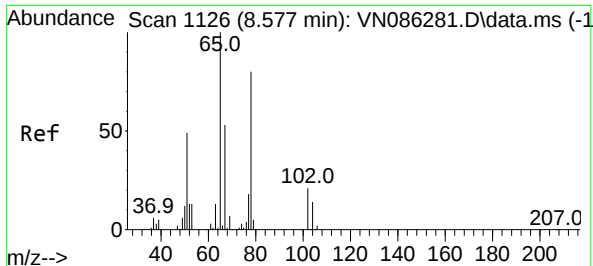
Tgt Ion: 56 Resp: 222891
Ion Ratio Lower Upper
56 100
69 32.4 24.2 36.2
84 92.0 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 48.636 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 97 Resp: 233209
Ion Ratio Lower Upper
97 100
99 66.8 52.7 79.1
61 46.8 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 45.325 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

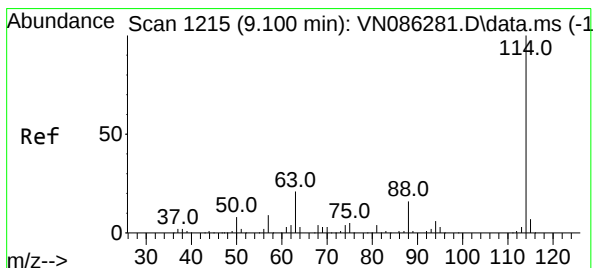
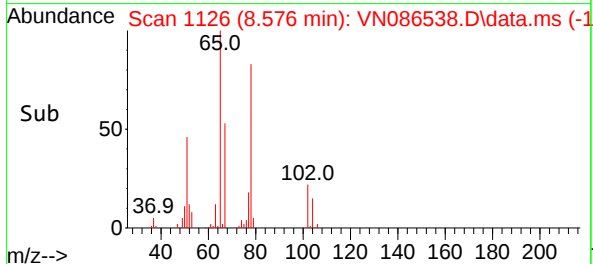
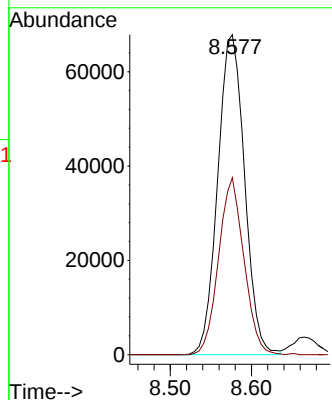
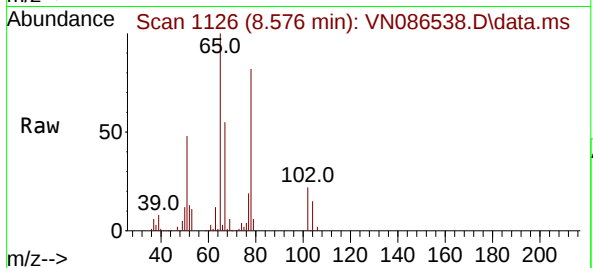
VSTDCCC050

Tgt Ion: 65 Resp: 156161

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

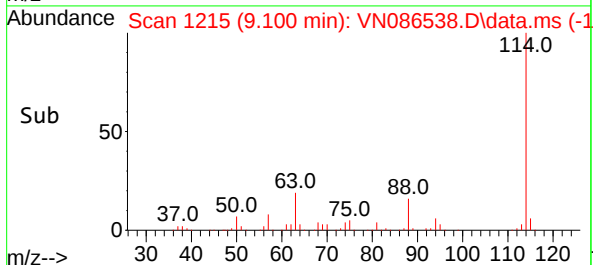
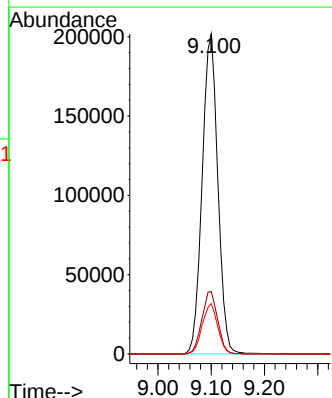
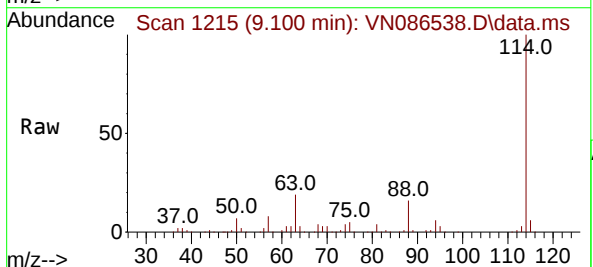
Tgt Ion: 114 Resp: 411170

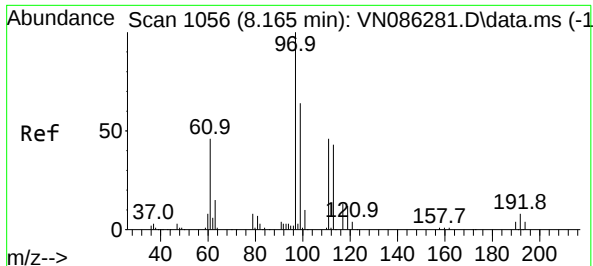
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 15.8 0.0 31.8

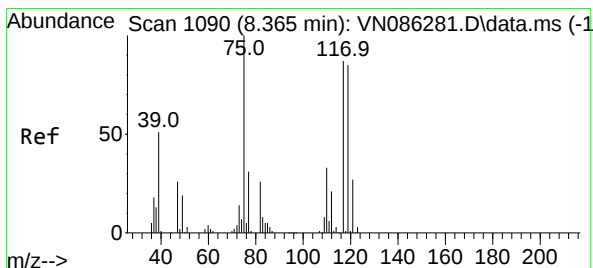
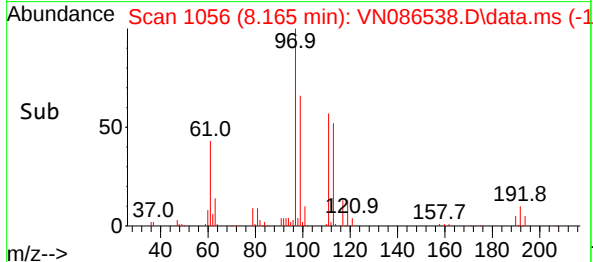
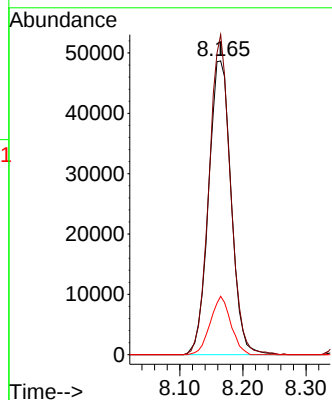
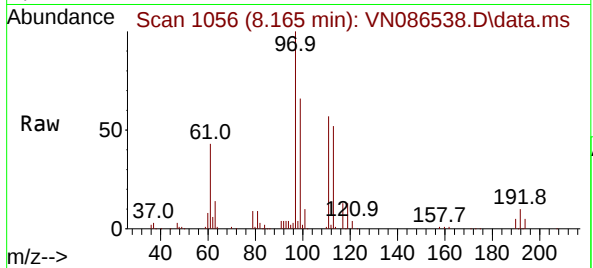




#35
Dibromofluoromethane
Concen: 63.166 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

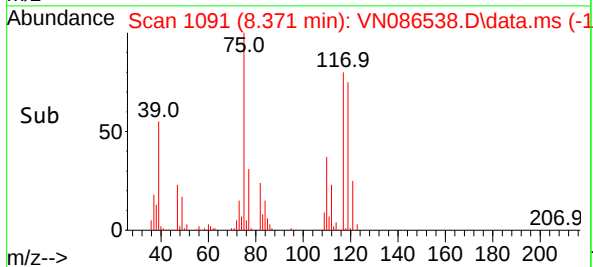
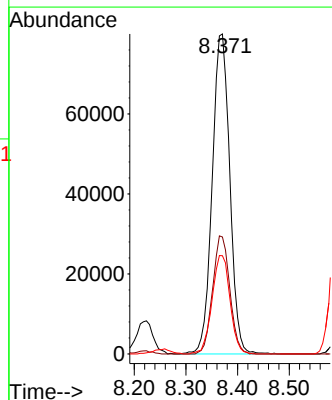
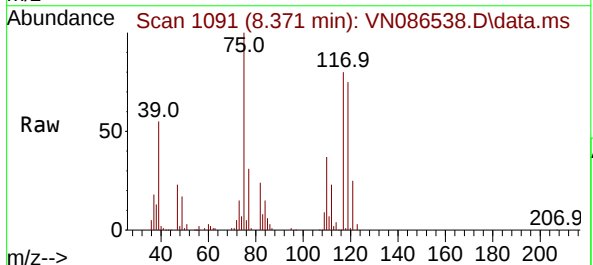
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

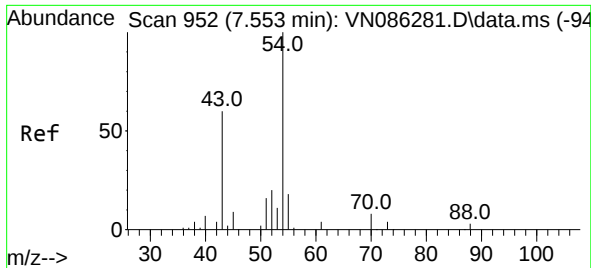
Tgt Ion:113 Resp: 120540
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.0
192 18.1 13.7 20.5



#36
1,1-Dichloropropene
Concen: 49.591 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 75 Resp: 189018
Ion Ratio Lower Upper
75 100
110 36.0 16.8 50.4
77 31.5 24.9 37.3

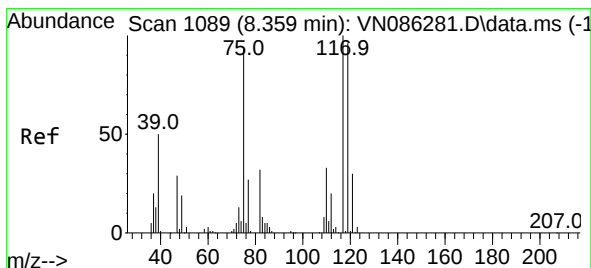
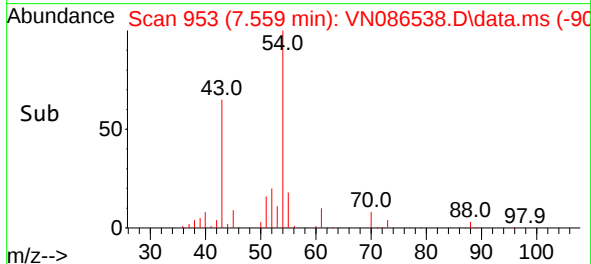
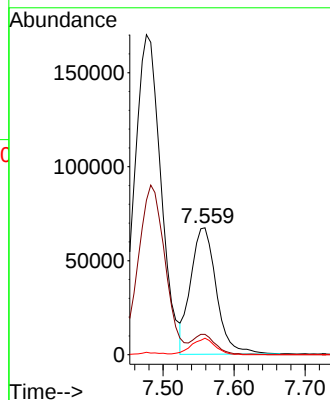
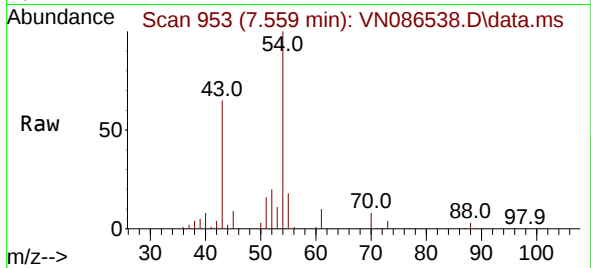




#37
Ethyl Acetate
Concen: 42.175 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

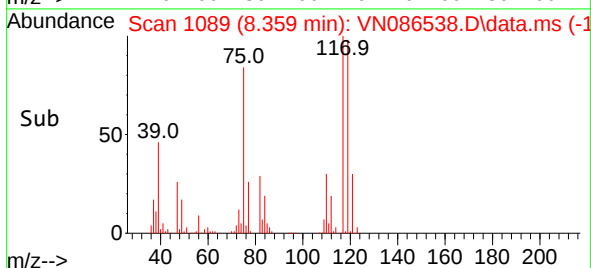
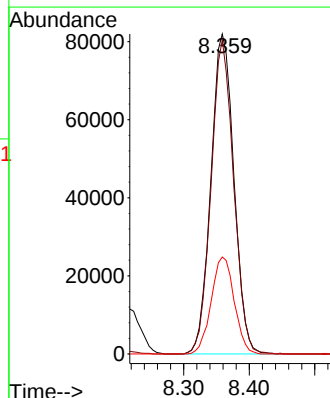
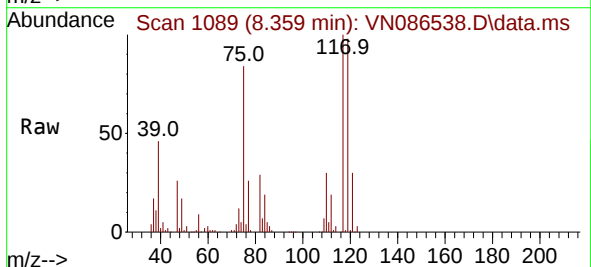
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

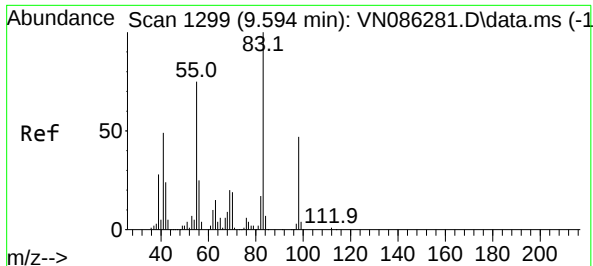
Tgt Ion: 43 Resp: 169238
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 12.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 55.057 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 117 Resp: 199846
Ion Ratio Lower Upper
117 100
119 98.1 76.8 115.2
121 30.3 23.8 35.8

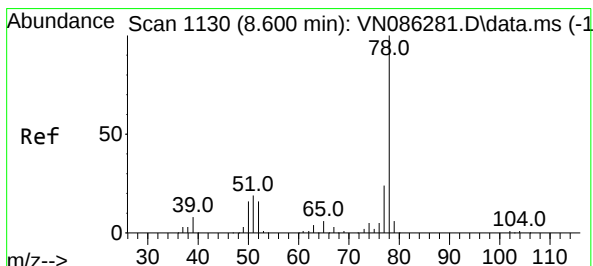
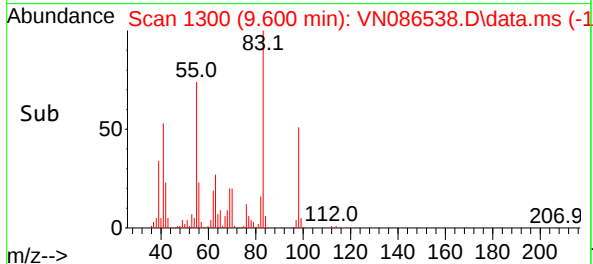
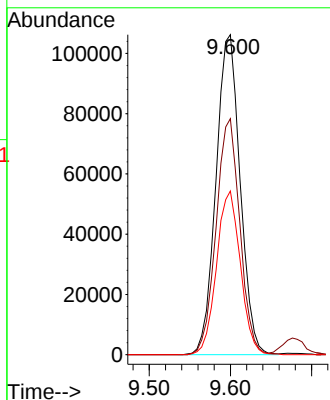
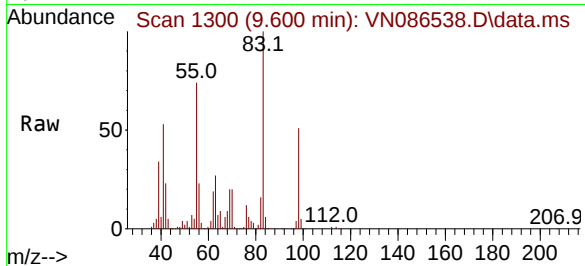




#39
Methylcyclohexane
Concen: 48.542 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

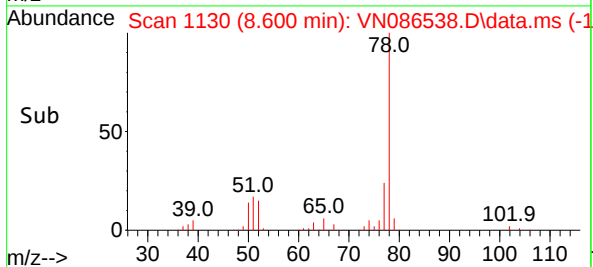
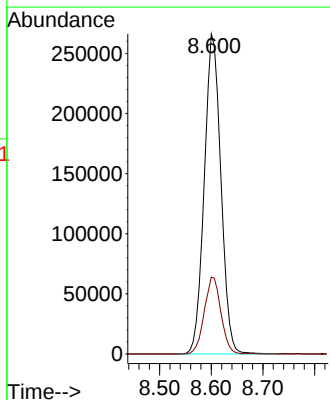
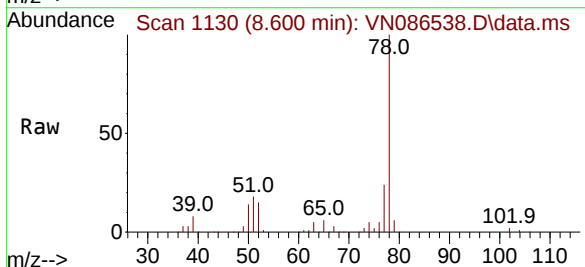
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

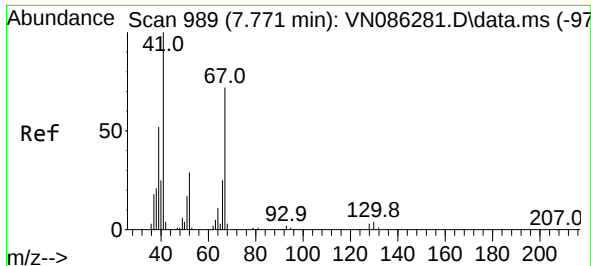
Tgt Ion: 83 Resp: 219914
Ion Ratio Lower Upper
83 100
55 73.7 59.8 89.8
98 51.1 37.9 56.9



#40
Benzene
Concen: 48.757 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 78 Resp: 595415
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.2



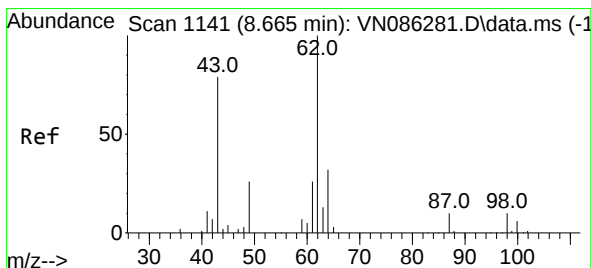
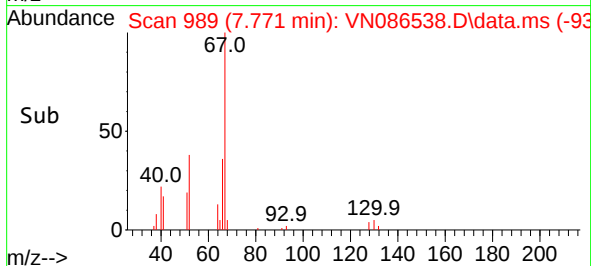
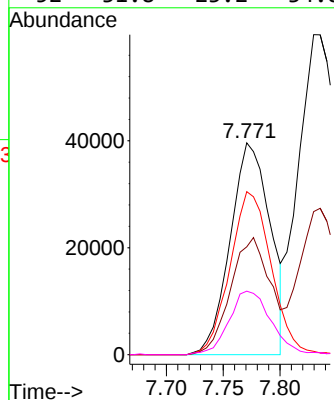
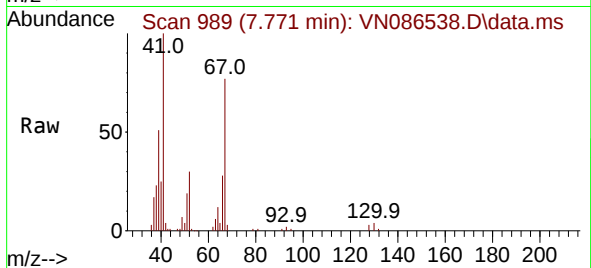


#41
Methacrylonitrile
Concen: 41.714 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 97014

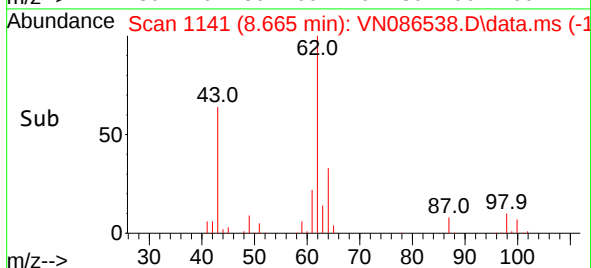
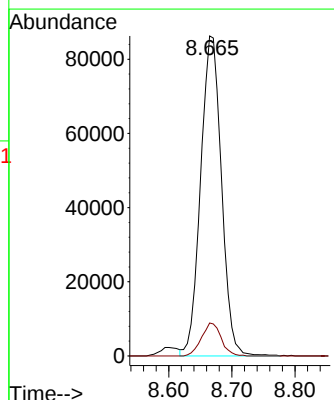
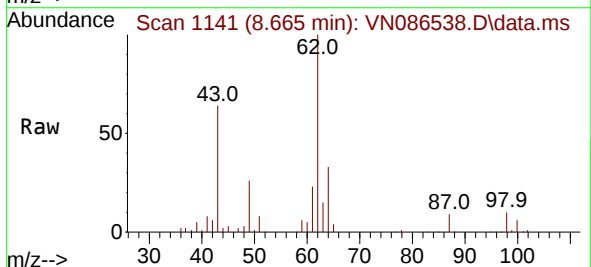
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.0	64.4
67	79.6	58.8	88.2
52	31.8	23.2	34.8

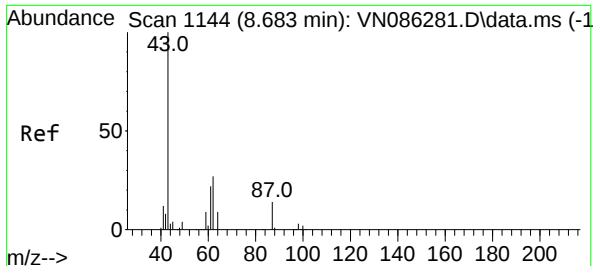


#42
1,2-Dichloroethane
Concen: 50.750 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 62 Resp: 197636

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2

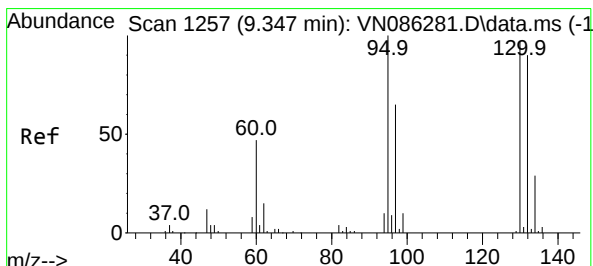
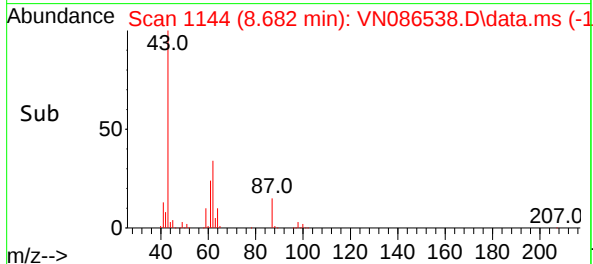
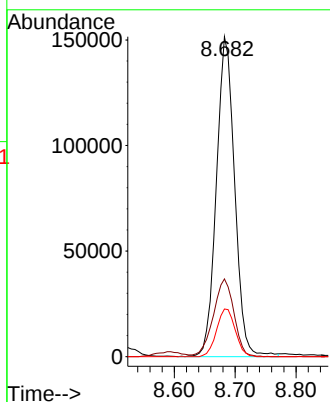
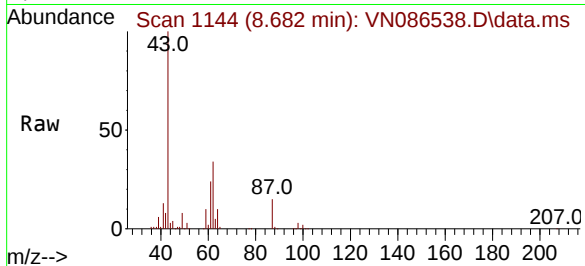




#43
Isopropyl Acetate
Concen: 43.704 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

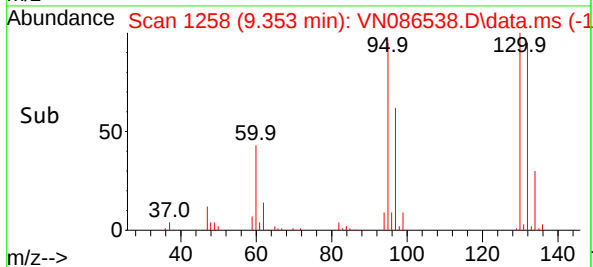
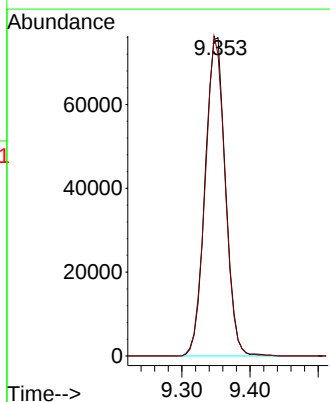
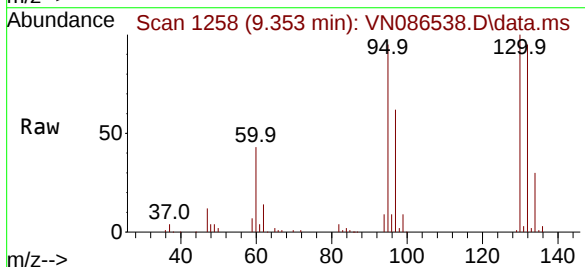
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MSVOA_N
ClientSampleId :
VSTDCCC050

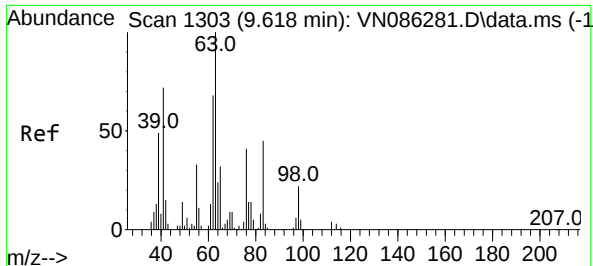
Tgt Ion: 43 Resp: 316530
Ion Ratio Lower Upper
43 100
61 27.4 20.5 30.7
87 15.3 10.5 15.7



#44
Trichloroethene
Concen: 54.457 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:130 Resp: 157623
Ion Ratio Lower Upper
130 100
95 94.8 0.0 207.2





#45

1,2-Dichloropropane

Concen: 47.718 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

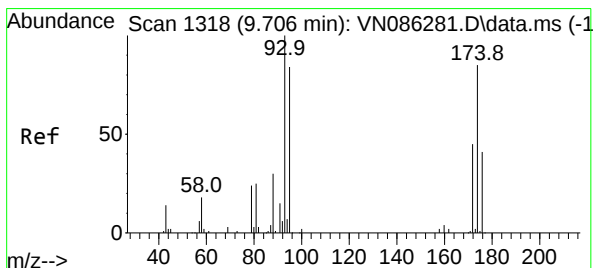
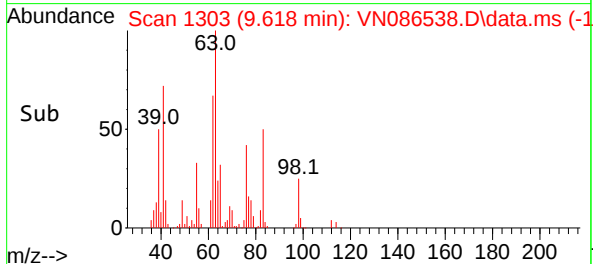
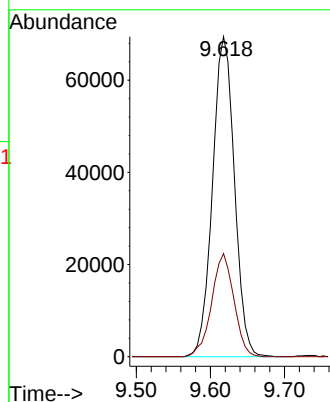
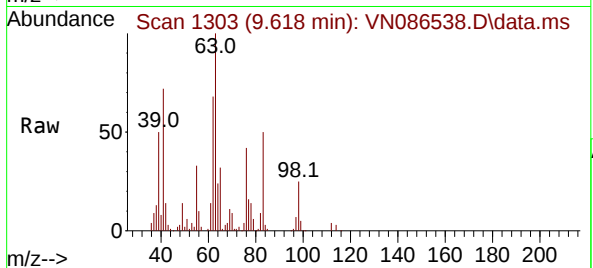
VSTDCCC050

Tgt Ion: 63 Resp: 142643

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 53.677 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

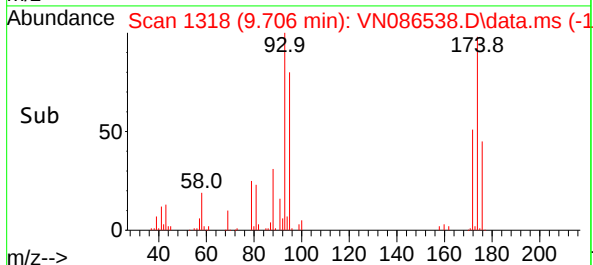
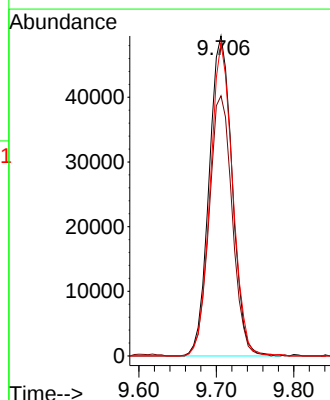
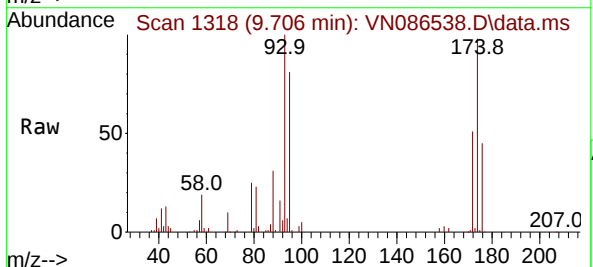
Tgt Ion: 93 Resp: 102233

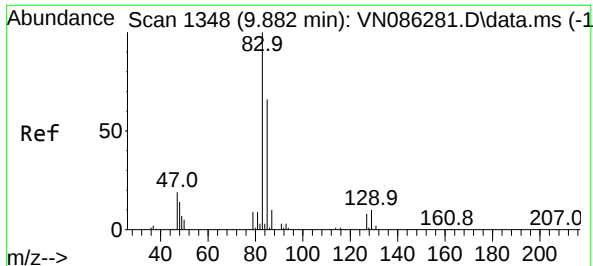
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 95.1 67.8 101.6

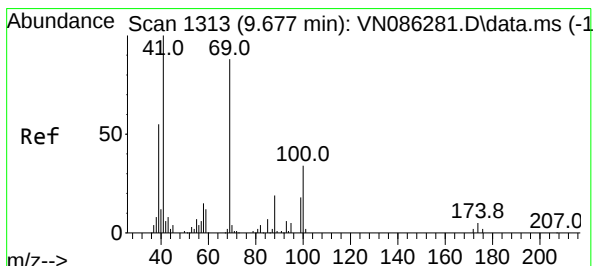
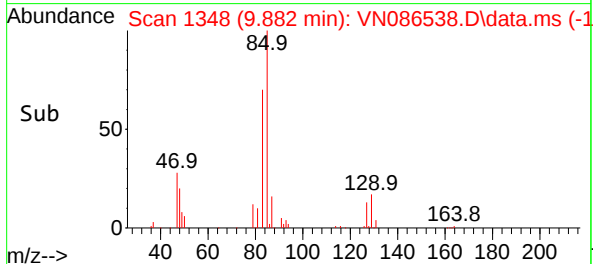
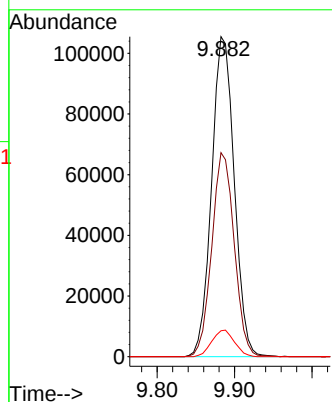
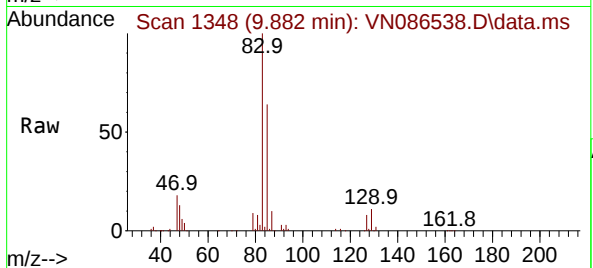




#47
Bromodichloromethane
Concen: 51.995 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

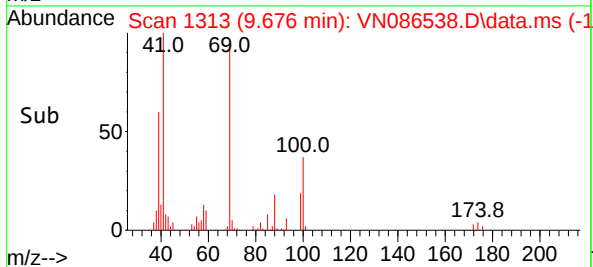
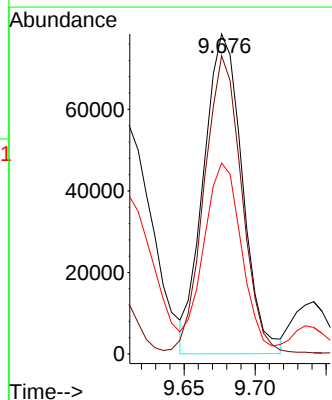
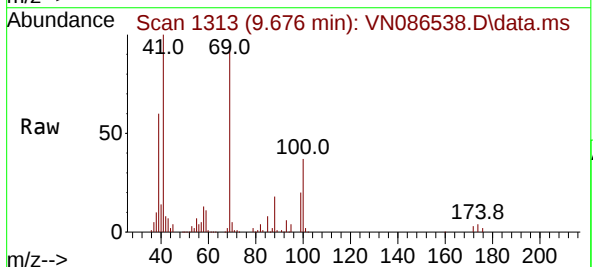
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

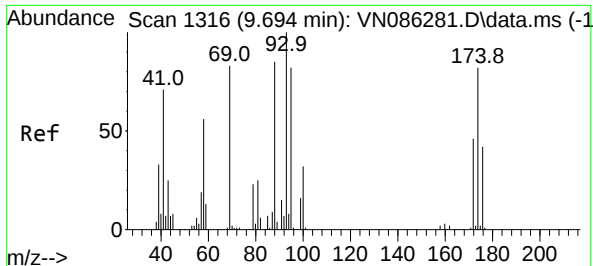
Tgt Ion: 83 Resp: 213886
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 8.1 6.1 9.1



#48
Methyl methacrylate
Concen: 42.162 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 41 Resp: 148575
Ion Ratio Lower Upper
41 100
69 91.1 68.2 102.2
39 59.0 45.2 67.8





#49

1,4-Dioxane

Concen: 907.954 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

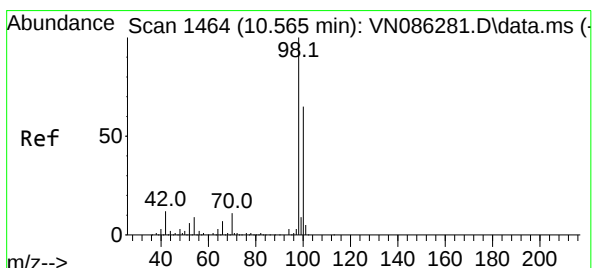
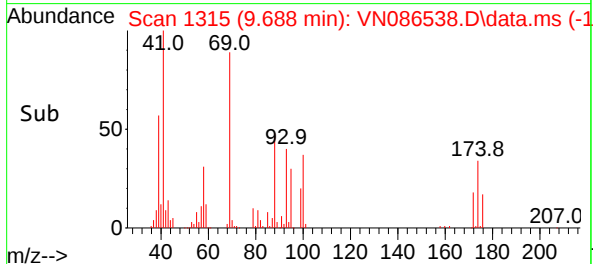
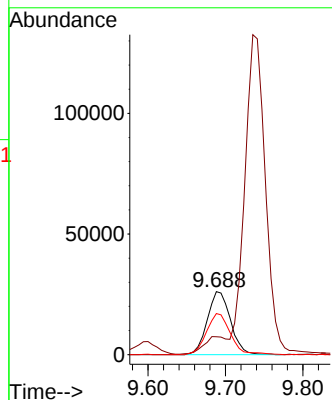
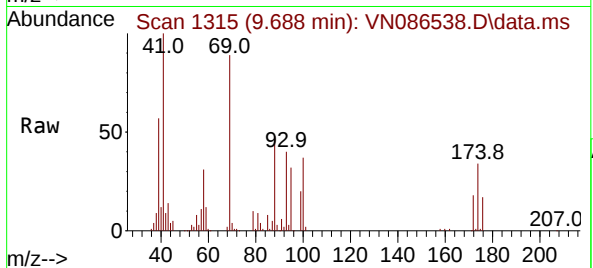
Tgt Ion: 88 Resp: 54423

Ion Ratio Lower Upper

88 100

43 25.9 23.8 35.8

58 67.7 57.4 86.2



#50

Toluene-d8

Concen: 48.584 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086538.D

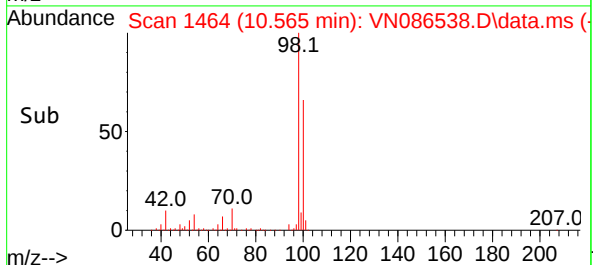
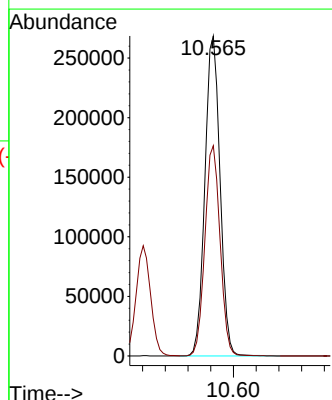
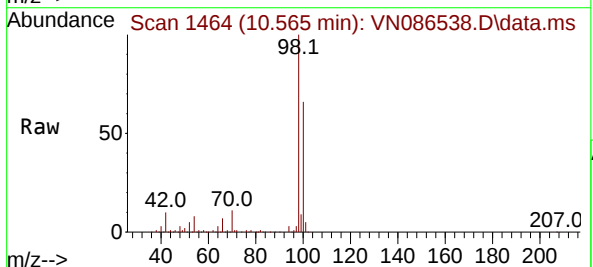
Acq: 08 May 2025 11:34

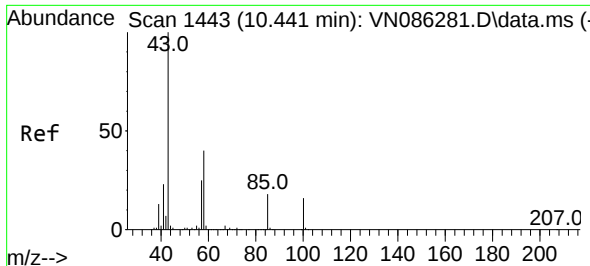
Tgt Ion: 98 Resp: 495497

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

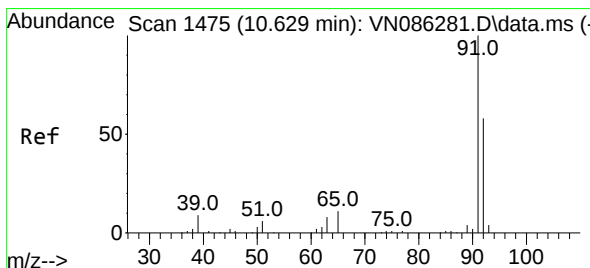
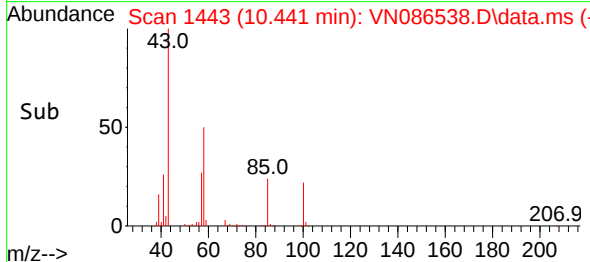
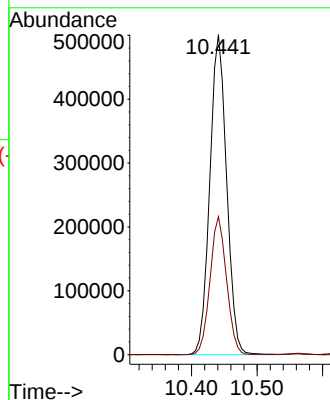
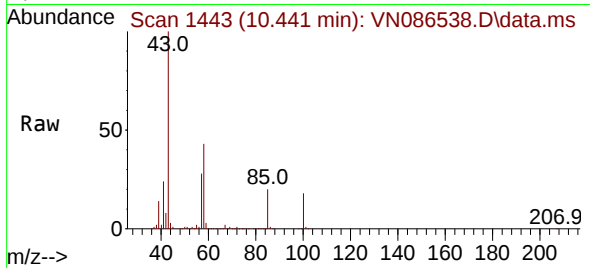




#51
4-Methyl-2-Pentanone
Concen: 217.210 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

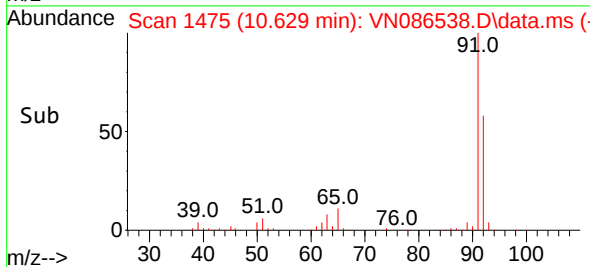
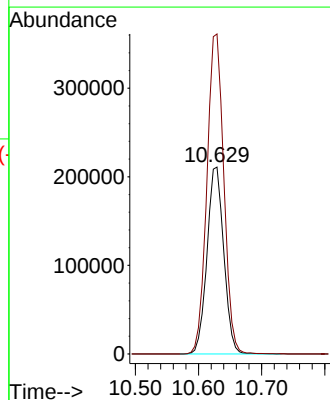
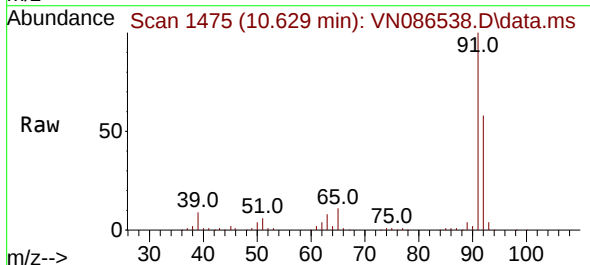
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

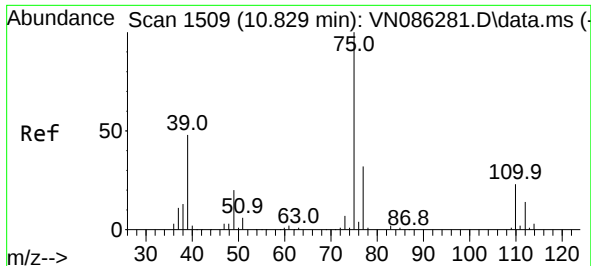
Tgt Ion: 43 Resp: 892530
Ion Ratio Lower Upper
43 100
58 42.4 32.2 48.4



#52
Toluene
Concen: 50.961 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 92 Resp: 388314
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9

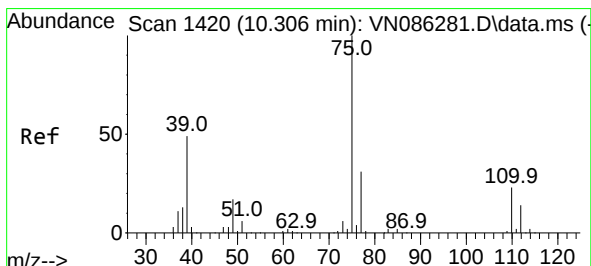
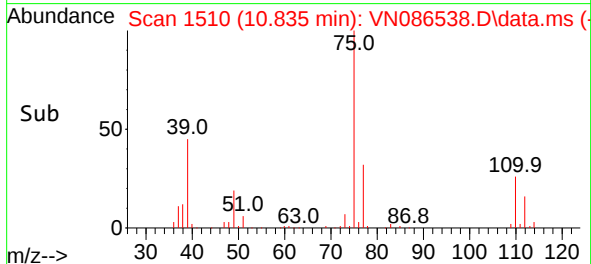
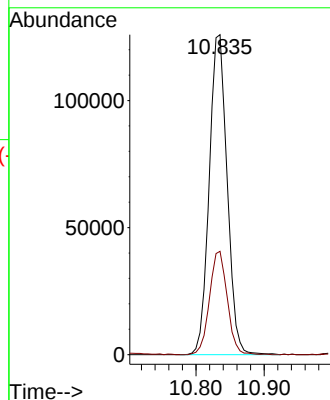
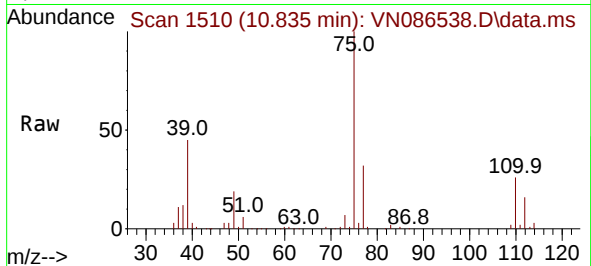




#53
 t-1,3-Dichloropropene
 Concen: 50.186 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

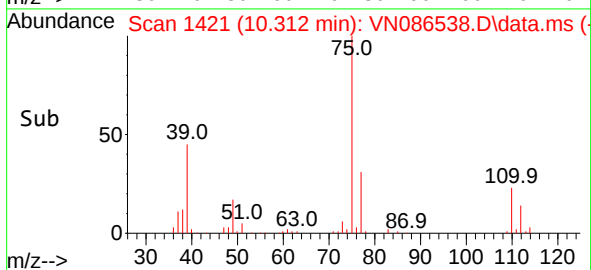
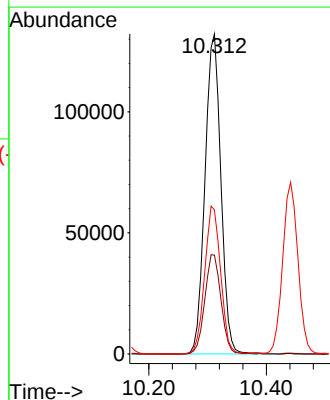
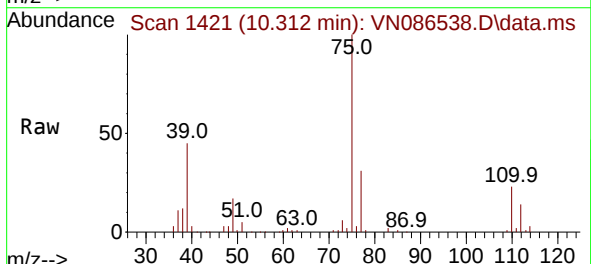
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

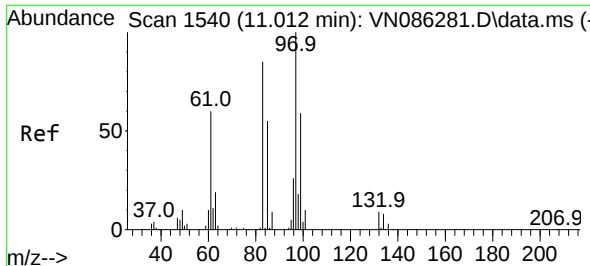
Tgt Ion: 75 Resp: 230449
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.089 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

Tgt Ion: 75 Resp: 247583
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 45.0 39.3 58.9

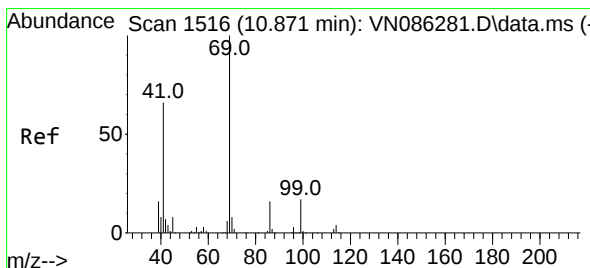
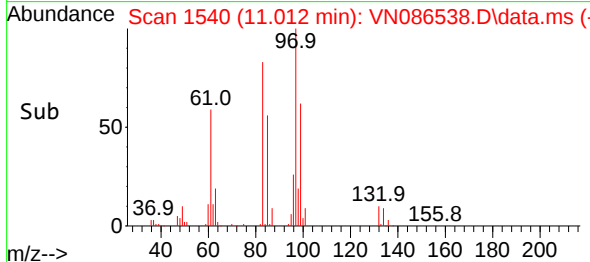
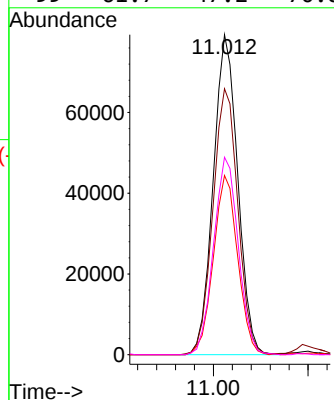
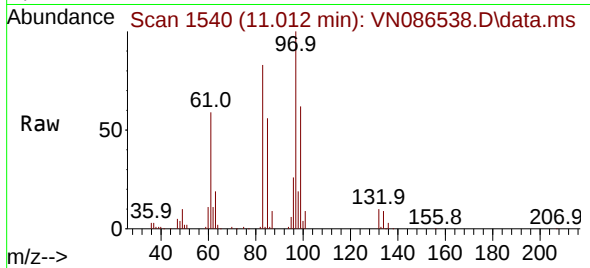




#55
1,1,2-Trichloroethane
Concen: 51.903 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

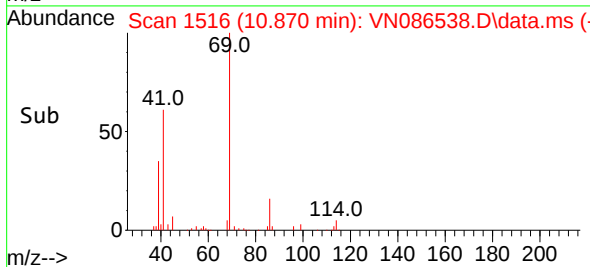
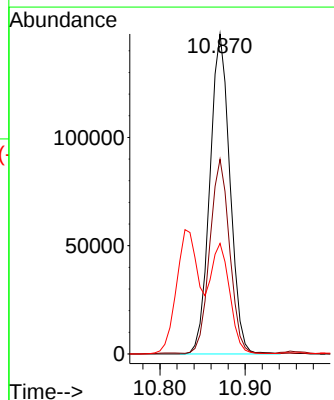
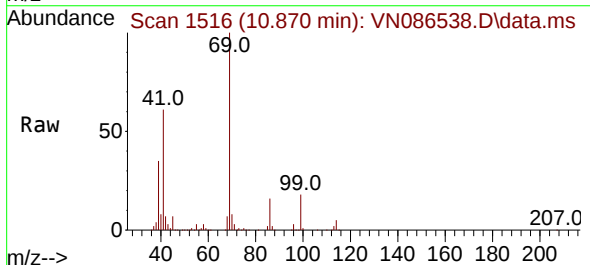
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

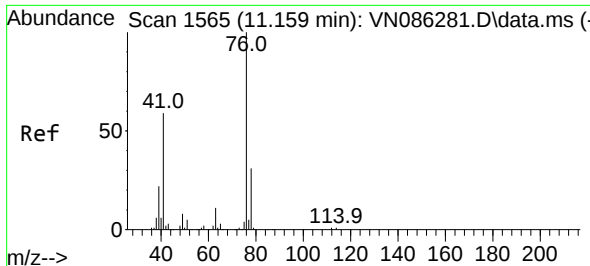
Tgt Ion:	97	Resp:	142296
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.4	102.6
85	56.0	43.9	65.9
99	61.7	47.2	70.8



#56
Ethyl methacrylate
Concen: 47.944 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:	69	Resp:	241609
Ion	Ratio	Lower	Upper
69	100		
41	59.8	51.7	77.5
39	32.3	26.3	39.5





#57

1,3-Dichloropropane

Concen: 50.041 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

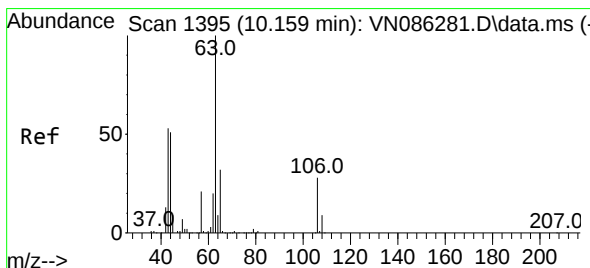
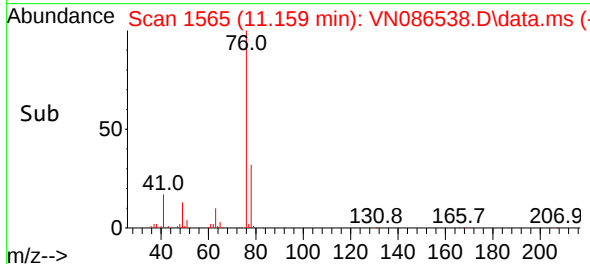
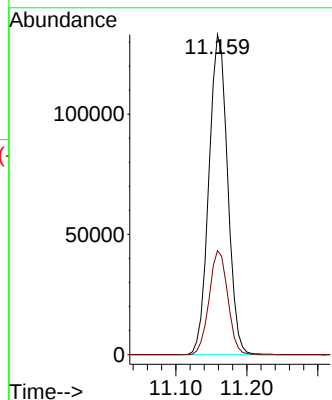
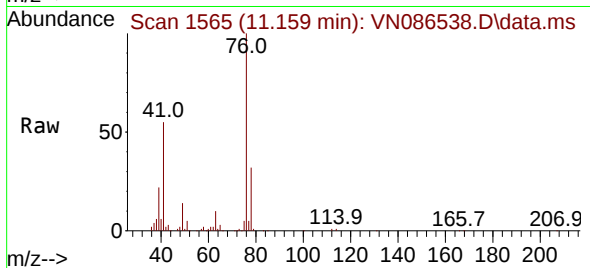
VSTDCCC050

Tgt Ion: 76 Resp: 243407

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 208.026 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086538.D

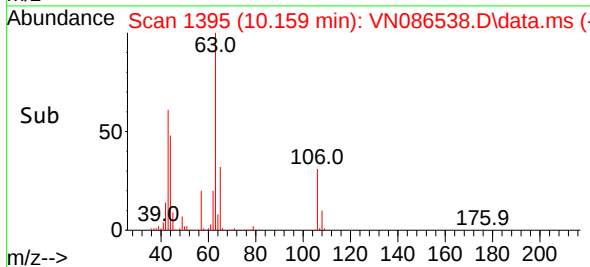
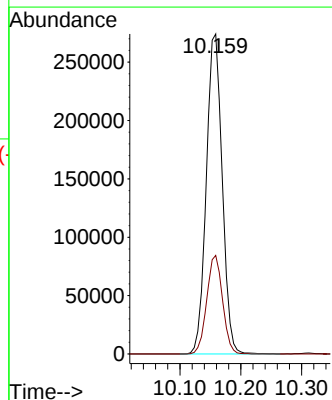
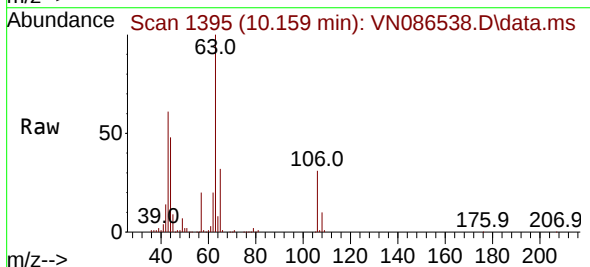
Acq: 08 May 2025 11:34

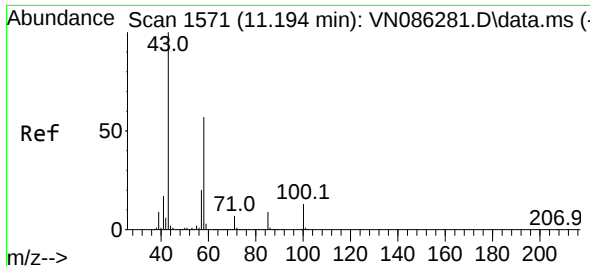
Tgt Ion: 63 Resp: 497571

Ion Ratio Lower Upper

63 100

106 30.5 22.2 33.2

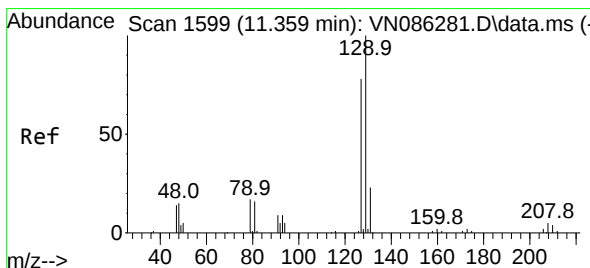
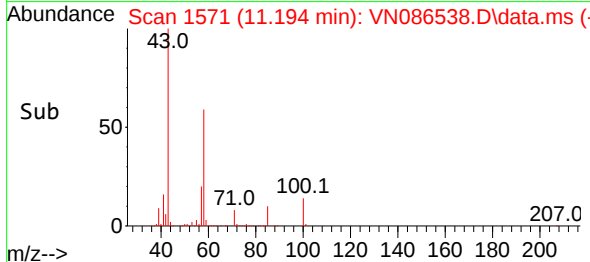
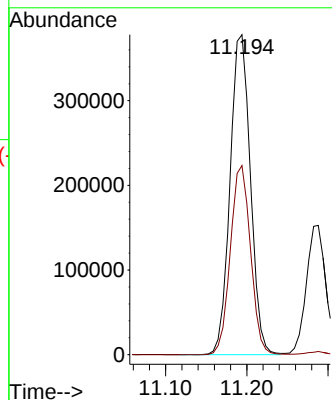
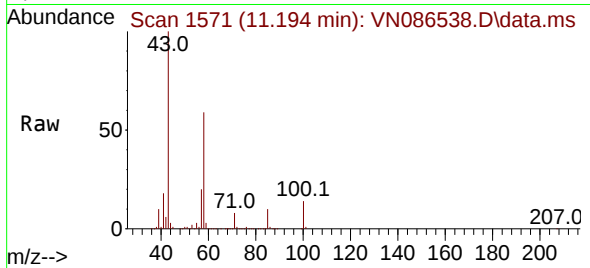




#59
2-Hexanone
Concen: 215.548 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

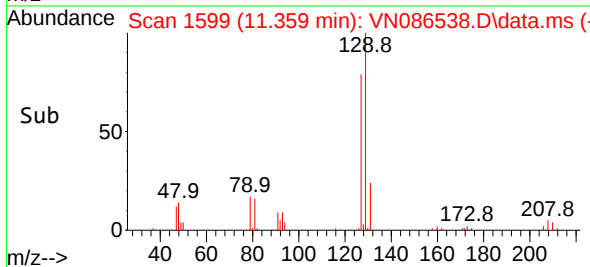
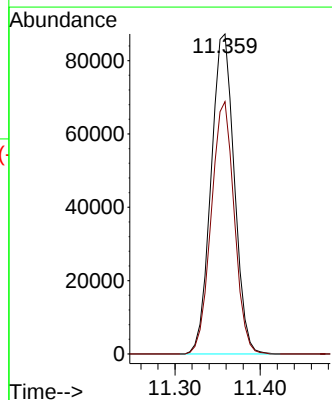
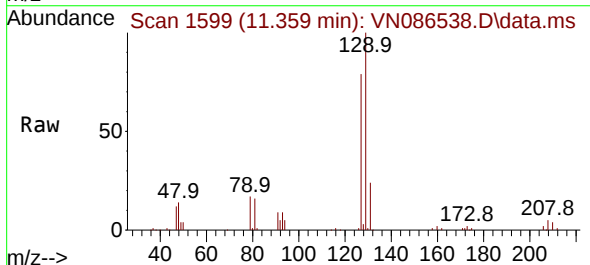
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

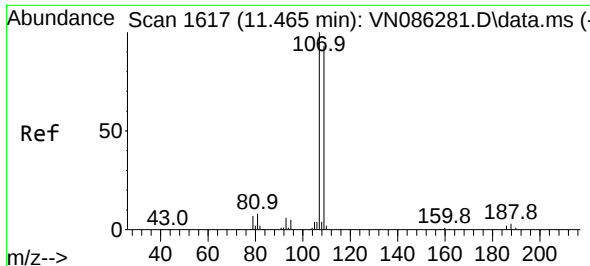
Tgt Ion: 43 Resp: 656953
Ion Ratio Lower Upper
43 100
58 58.6 28.3 85.0



#60
Dibromochloromethane
Concen: 54.946 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:129 Resp: 165415
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

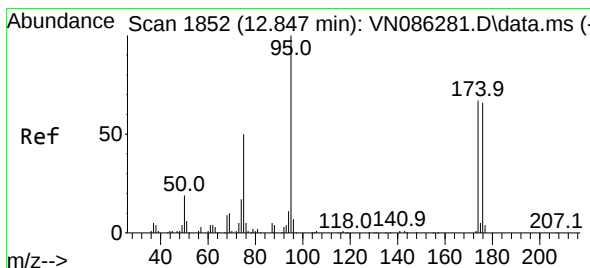
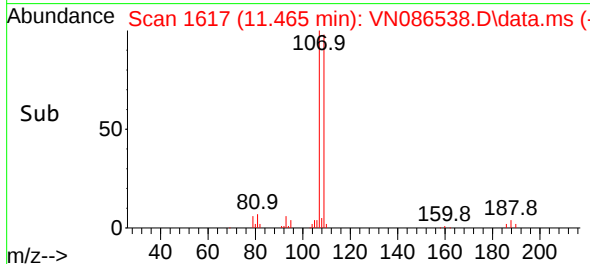
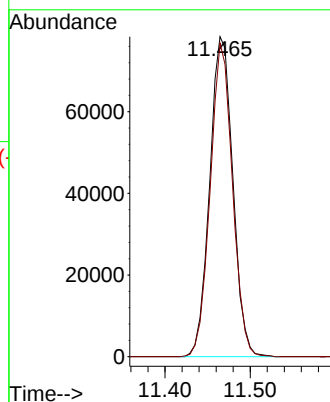
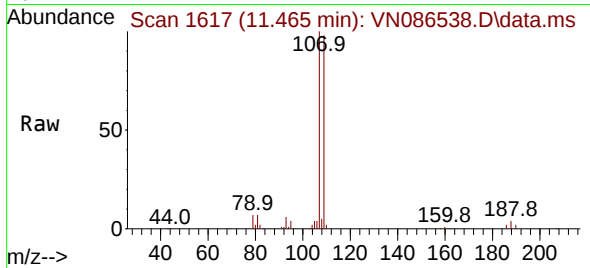




#61
1,2-Dibromoethane
Concen: 53.359 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

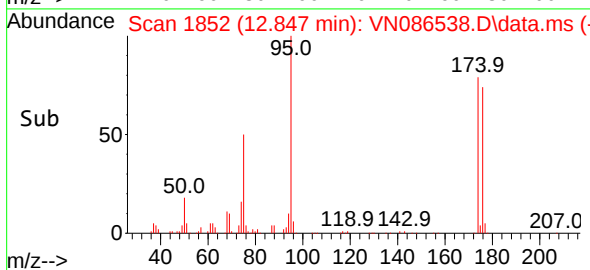
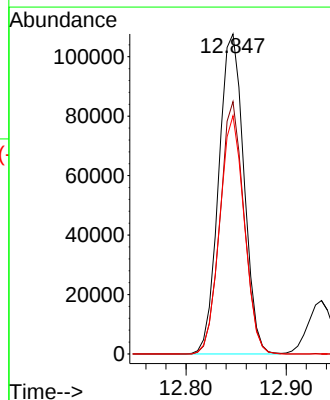
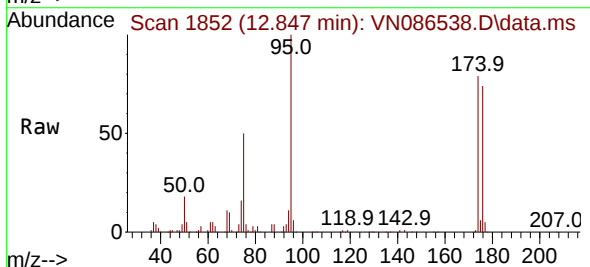
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

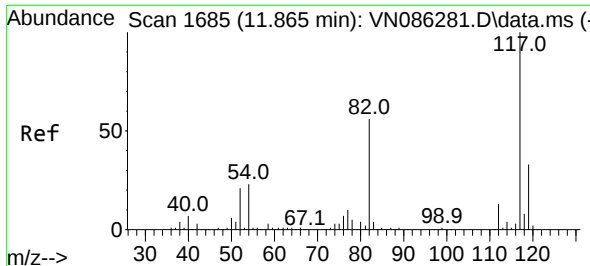
Tgt Ion:107 Resp: 147606
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 50.397 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 95 Resp: 187473
Ion Ratio Lower Upper
95 100
174 74.9 0.0 133.4
176 72.4 0.0 129.2

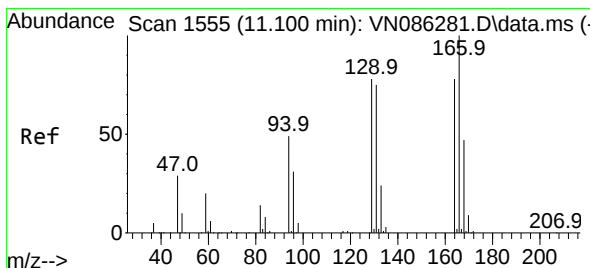
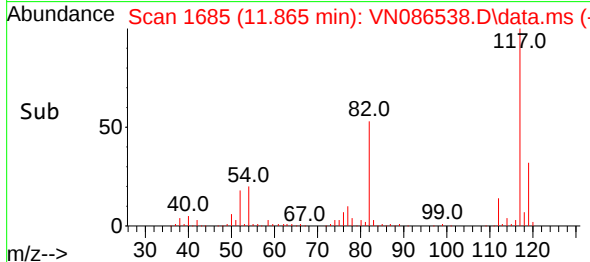
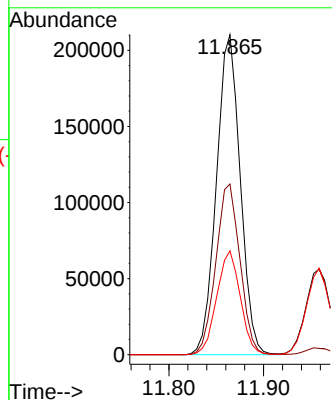
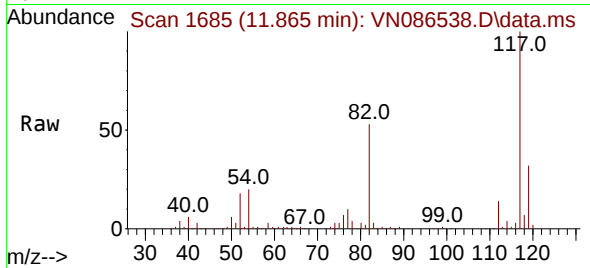




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

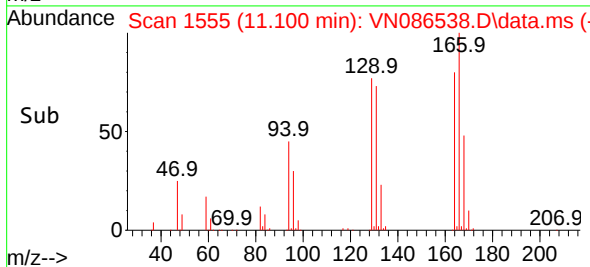
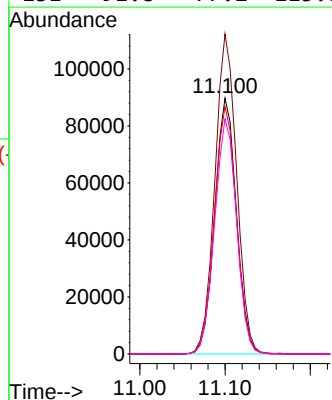
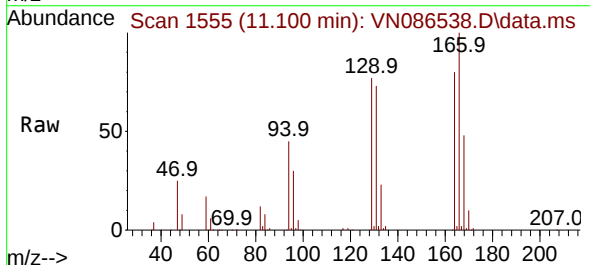
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

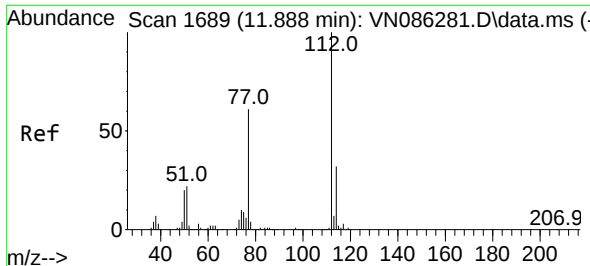
Tgt Ion:117 Resp: 367940
Ion Ratio Lower Upper
117 100
82 53.4 44.7 67.1
119 32.4 26.4 39.6



#64
Tetrachloroethene
Concen: 56.203 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:164 Resp: 159066
Ion Ratio Lower Upper
164 100
166 125.1 103.0 154.4
129 96.8 80.1 120.1
131 91.8 77.2 115.8

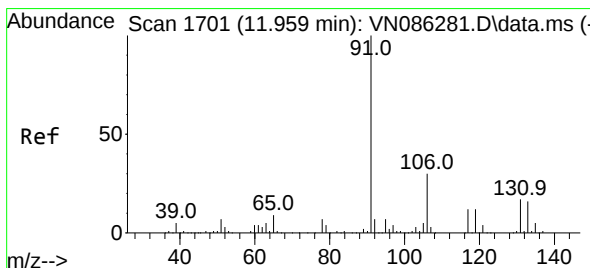
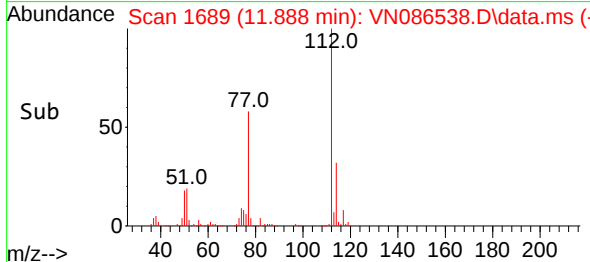
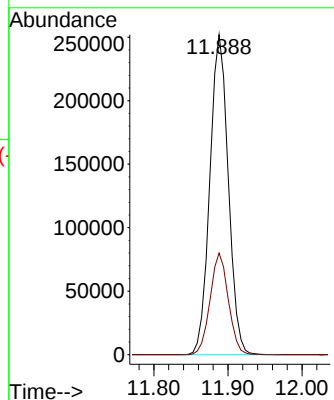
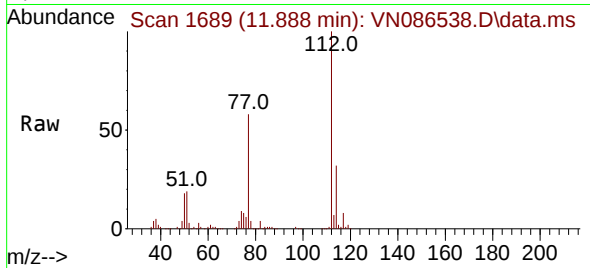




#65
Chlorobenzene
Concen: 52.976 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

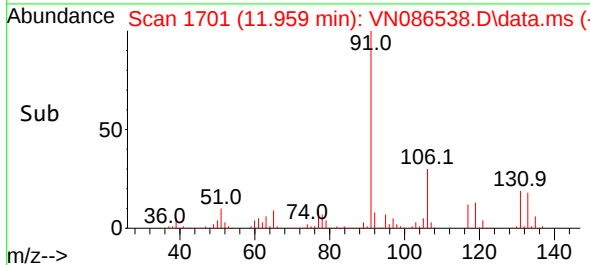
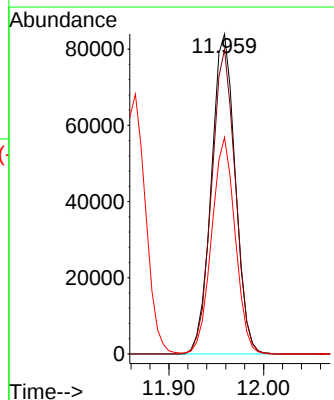
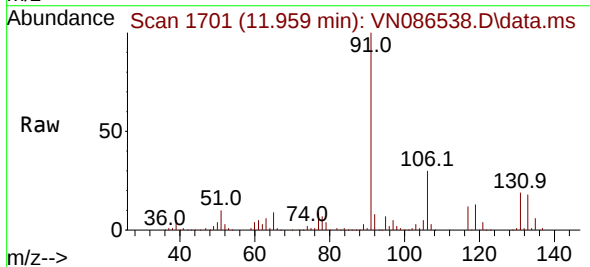
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

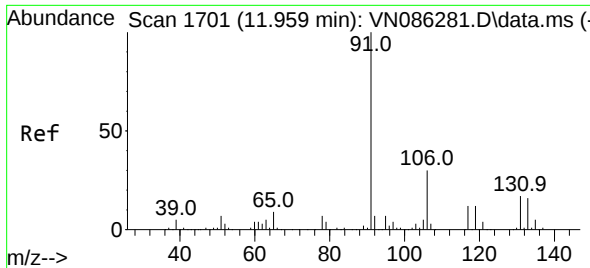
Tgt Ion:112 Resp: 434996
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.255 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:131 Resp: 146969
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.3
119 66.7 33.8 101.4

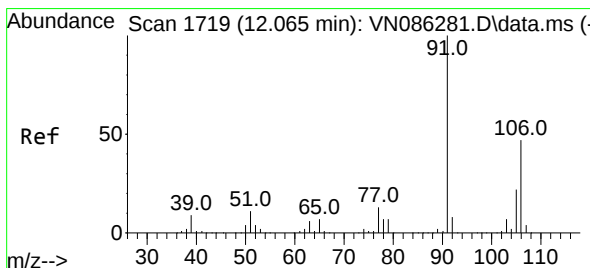
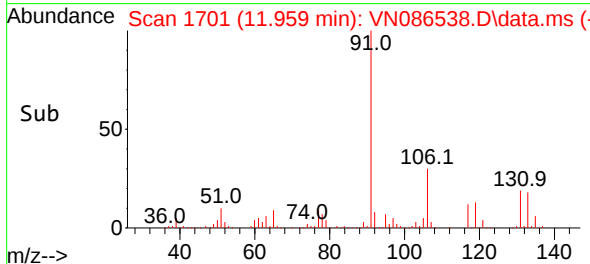
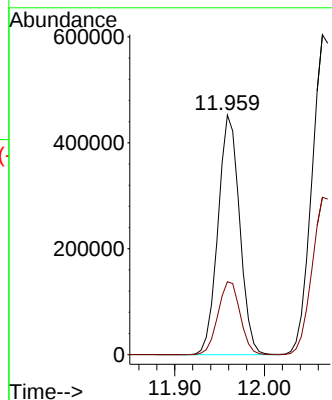
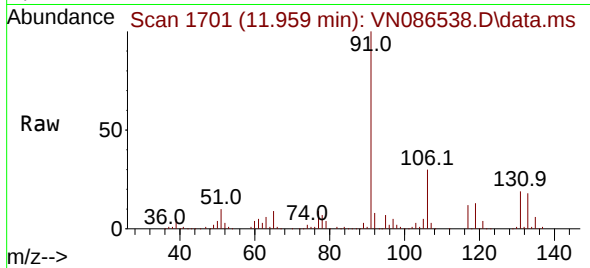




#67
Ethyl Benzene
Concen: 51.033 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

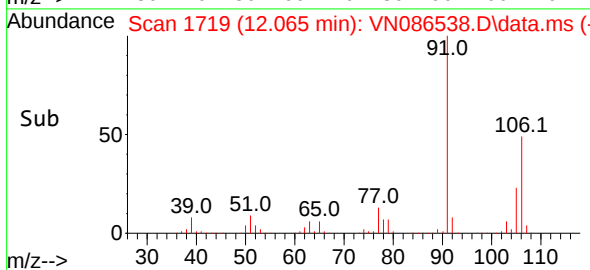
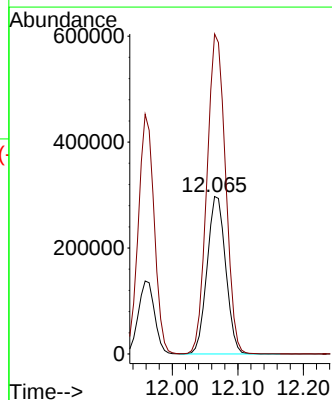
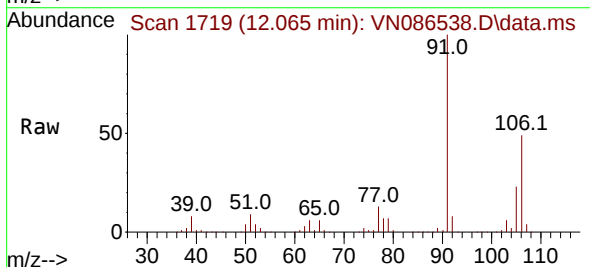
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

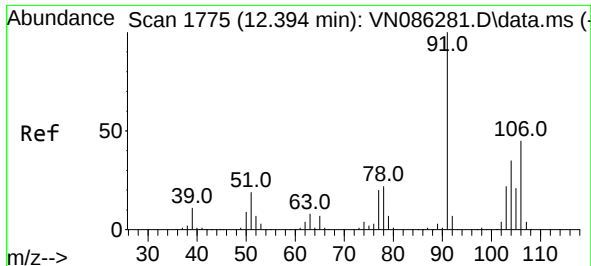
Tgt Ion: 91 Resp: 756168
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 105.760 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:106 Resp: 587177
Ion Ratio Lower Upper
106 100
91 202.6 166.5 249.7

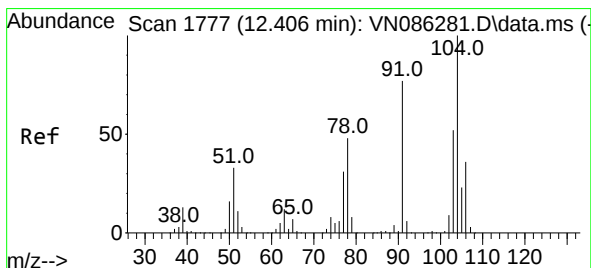
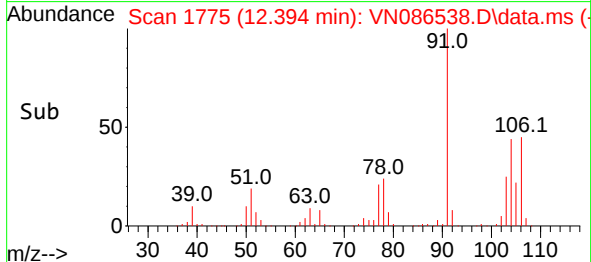
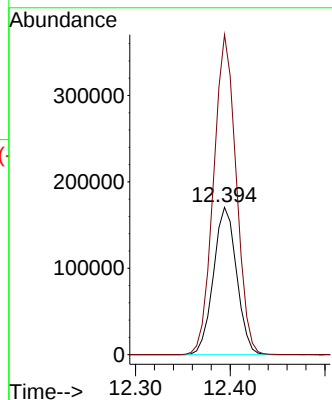
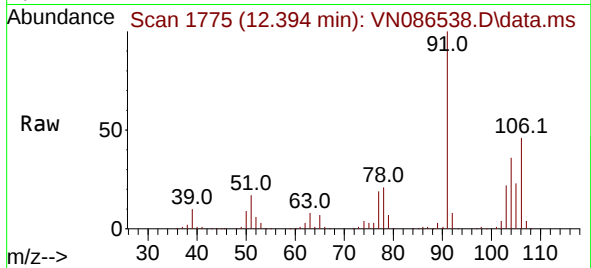




#69
o-Xylene
Concen: 52.733 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

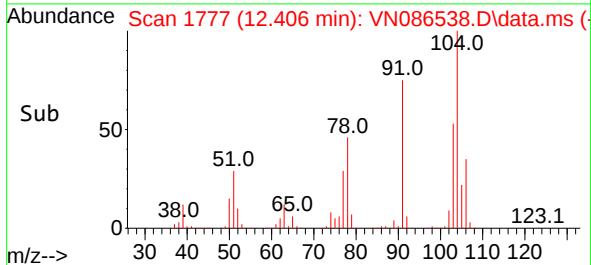
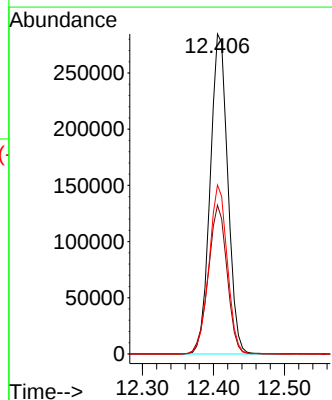
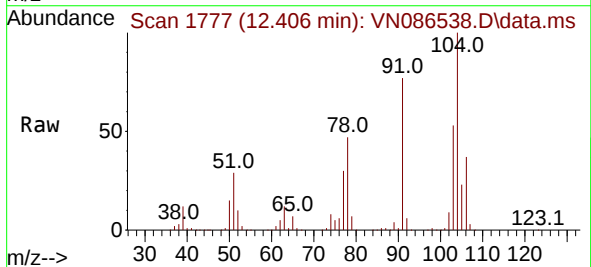
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

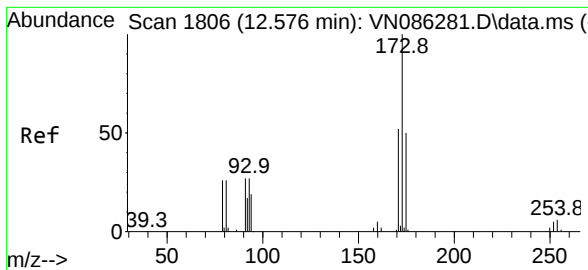
Tgt Ion:106 Resp: 289536
Ion Ratio Lower Upper
106 100
91 212.4 109.7 329.0



#70
Styrene
Concen: 53.532 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:104 Resp: 489740
Ion Ratio Lower Upper
104 100
78 49.4 40.6 61.0
103 54.9 43.6 65.4

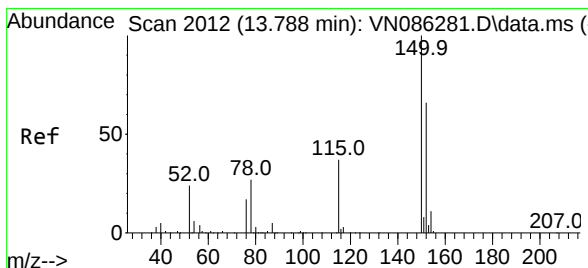
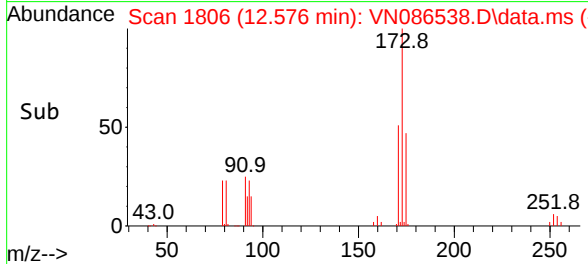
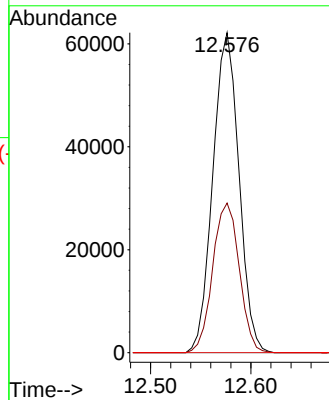
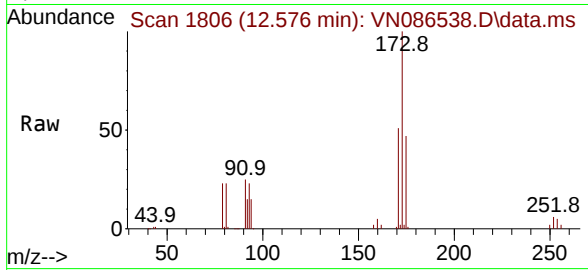




#71
Bromoform
Concen: 55.107 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

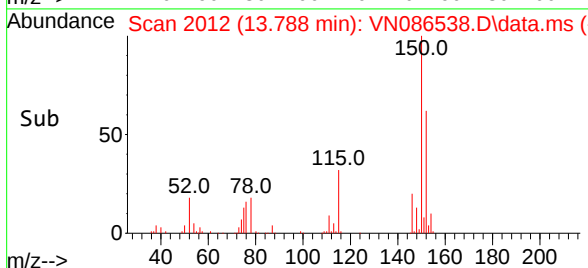
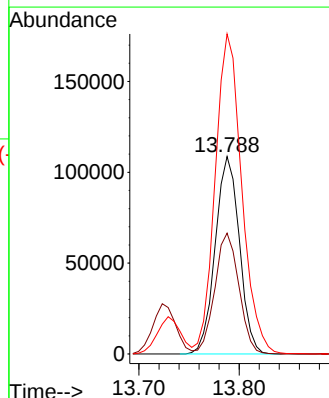
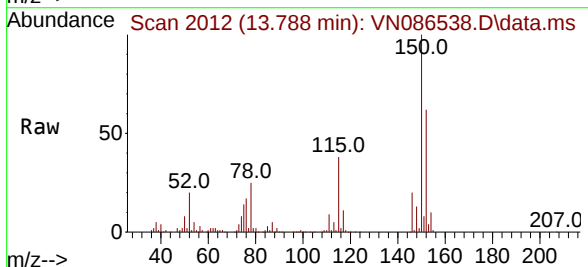
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

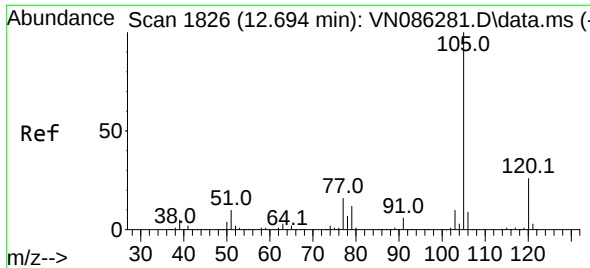
Tgt Ion:173 Resp: 112390
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:152 Resp: 181882
Ion Ratio Lower Upper
152 100
115 61.2 31.9 95.9
150 178.1 0.0 352.0

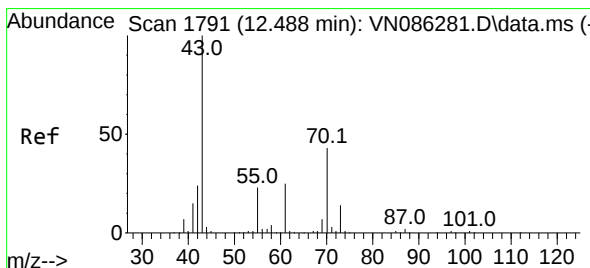
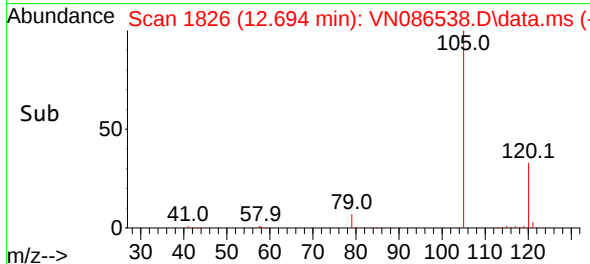
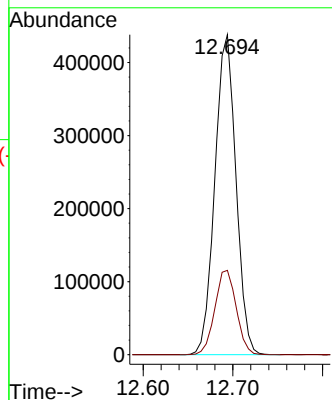
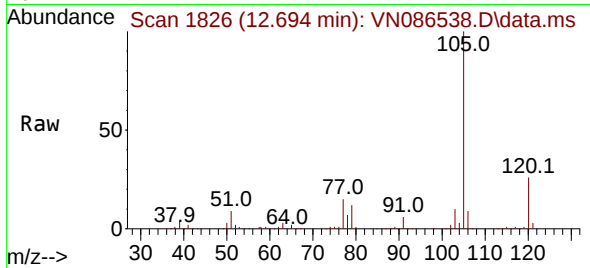




#73
Isopropylbenzene
Concen: 48.016 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

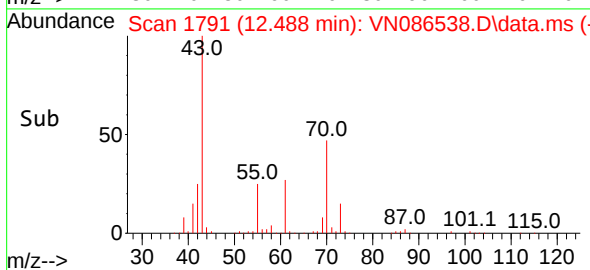
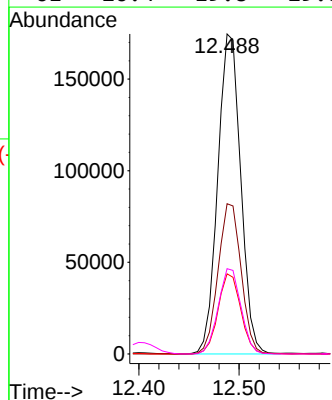
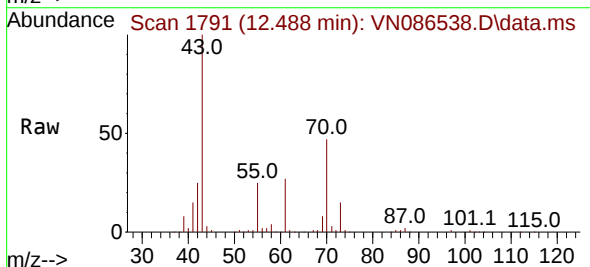
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

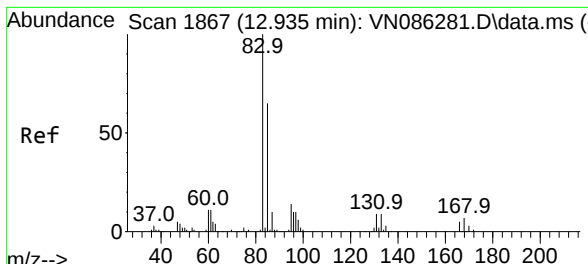
Tgt Ion:105 Resp: 714406
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 37.515 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 43 Resp: 277866
Ion Ratio Lower Upper
43 100
70 47.2 35.0 52.4
55 24.8 19.0 28.4
61 26.4 19.8 29.8



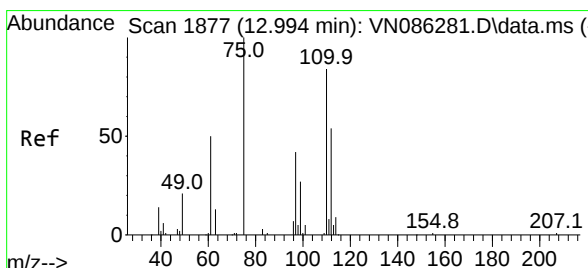
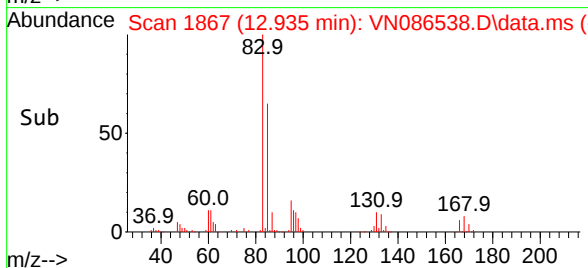
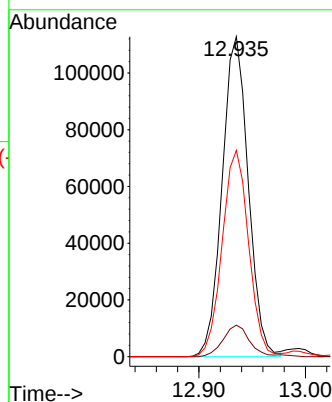
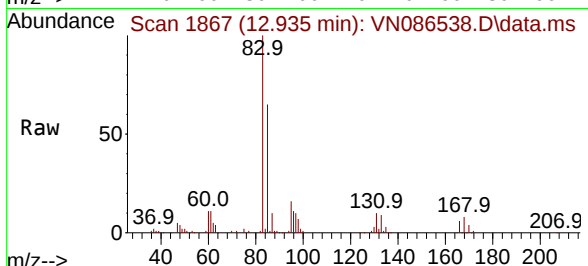


#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.921 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 192170

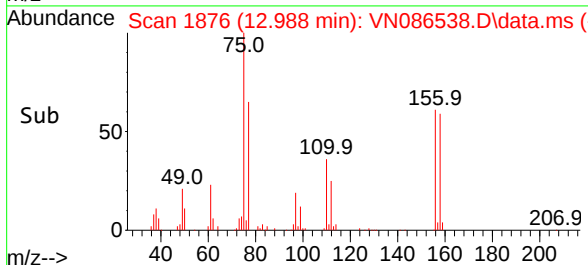
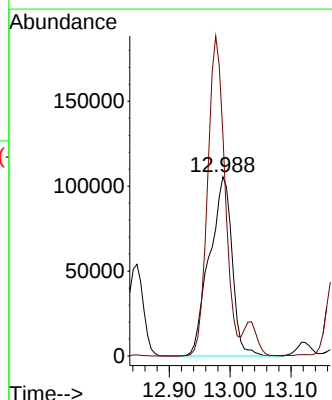
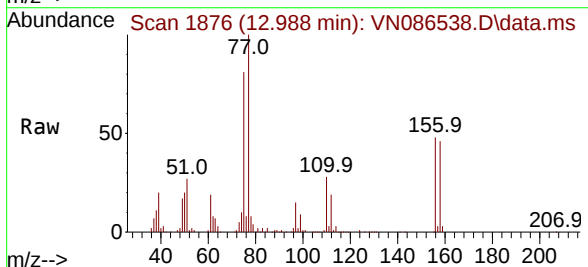
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.7	14.1
85	65.3	32.7	98.1

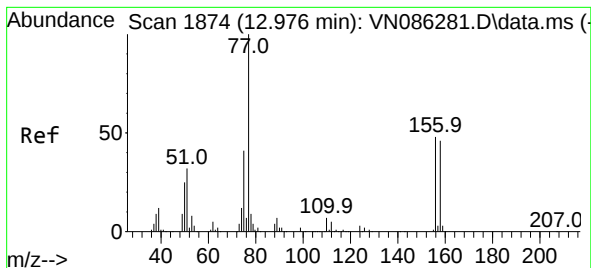


#76
 1,2,3-Trichloropropane
 Concen: 63.435 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

Tgt Ion: 75 Resp: 272272

Ion	Ratio	Lower	Upper
75	100		
77	136.8	98.8	296.4





#77

Bromobenzene

Concen: 53.193 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

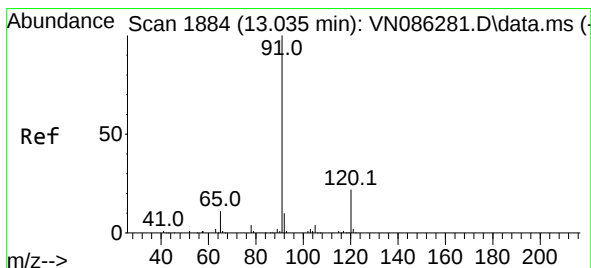
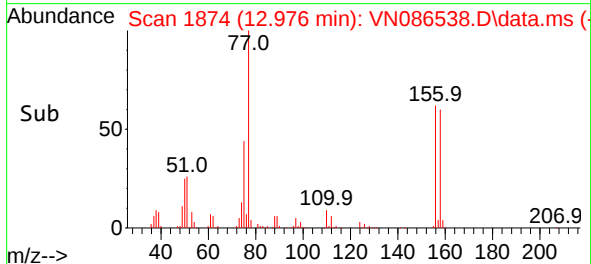
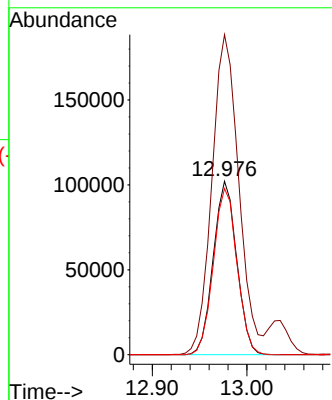
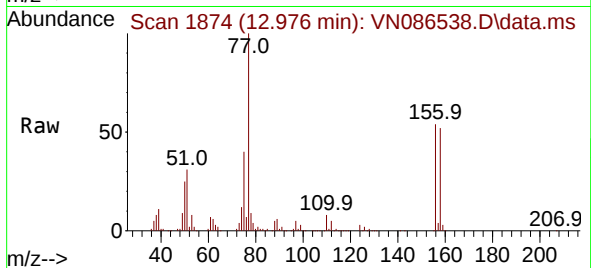
Tgt Ion:156 Resp: 175359

Ion Ratio Lower Upper

156 100

77 212.4 121.1 363.1

158 96.7 47.9 143.6



#78

n-propylbenzene

Concen: 48.053 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086538.D

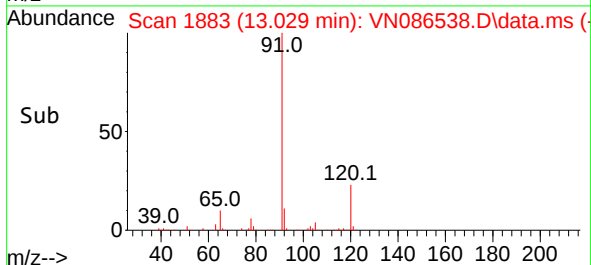
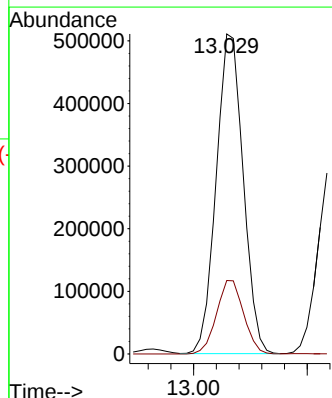
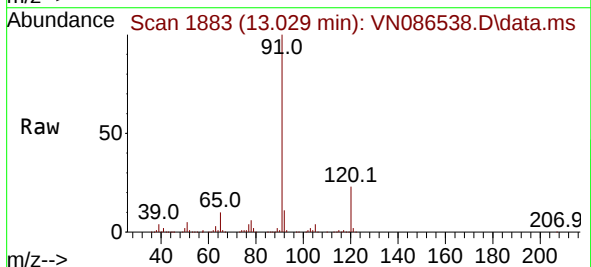
Acq: 08 May 2025 11:34

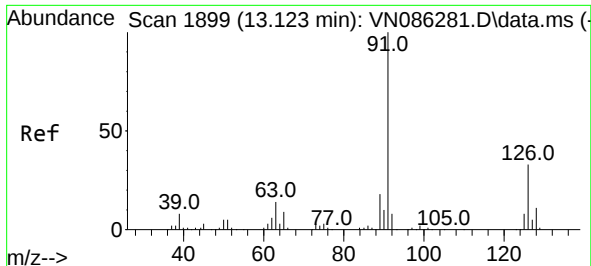
Tgt Ion: 91 Resp: 842469

Ion Ratio Lower Upper

91 100

120 23.0 11.1 33.3

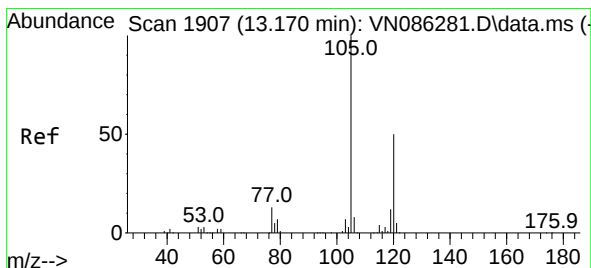
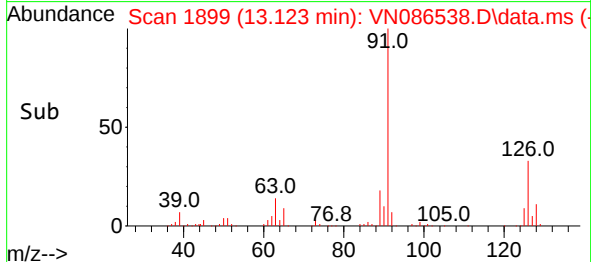
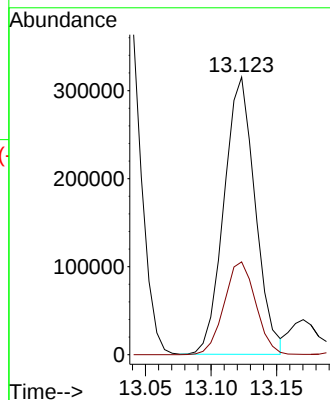
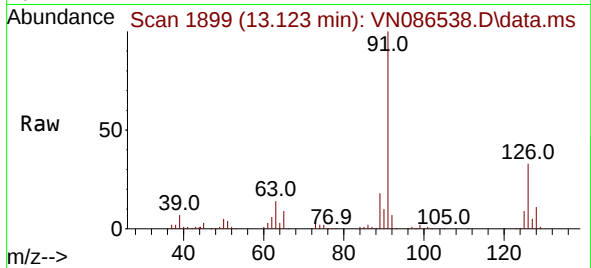




#79
2-Chlorotoluene
Concen: 47.598 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

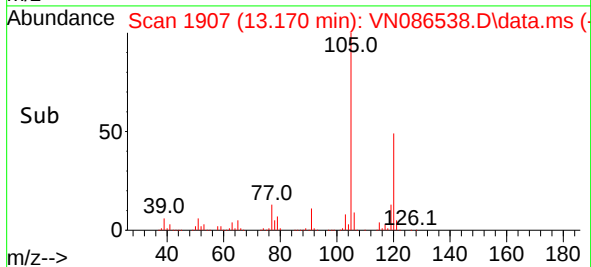
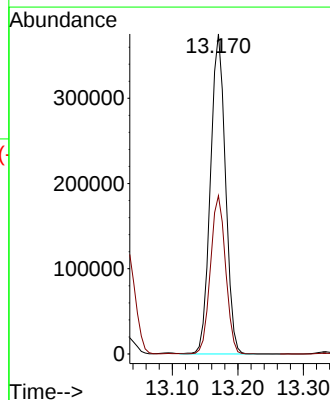
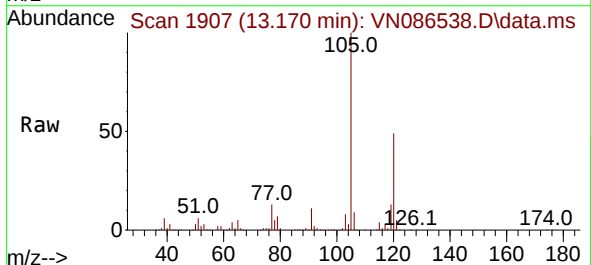
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

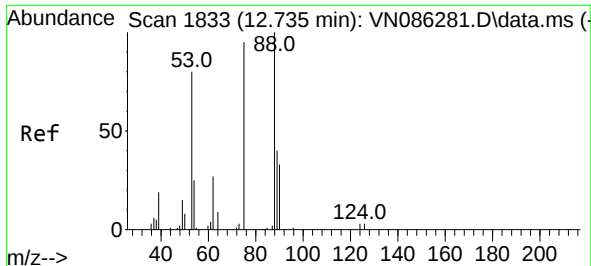
Tgt Ion: 91 Resp: 522182
Ion Ratio Lower Upper
91 100
126 33.9 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 49.042 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 105 Resp: 597208
Ion Ratio Lower Upper
105 100
120 49.7 24.5 73.5

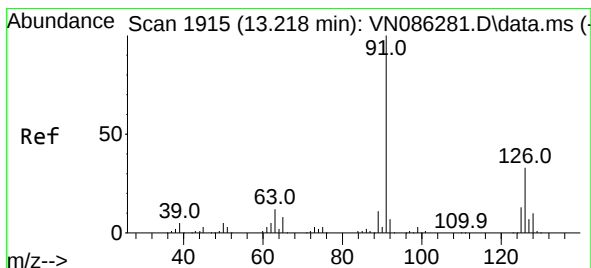
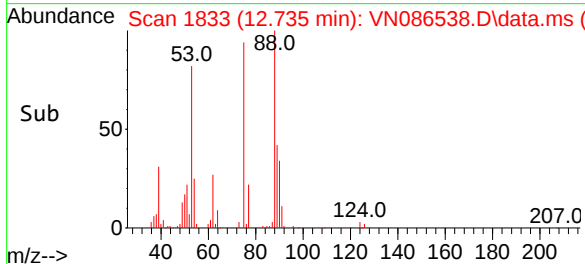
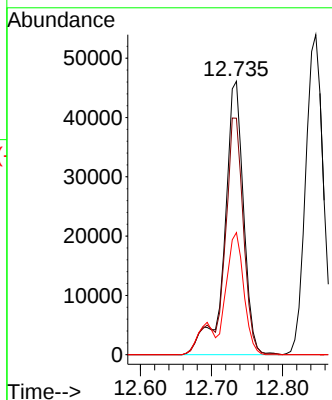
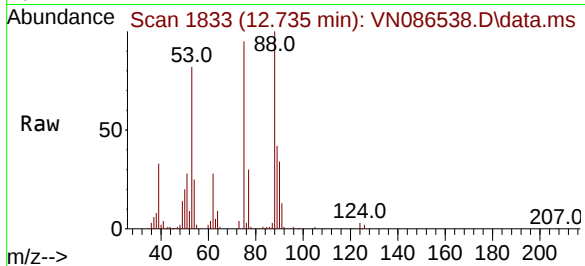




#81
trans-1,4-Dichloro-2-butene
Concen: 47.948 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

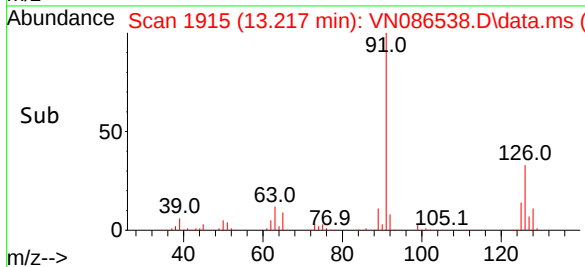
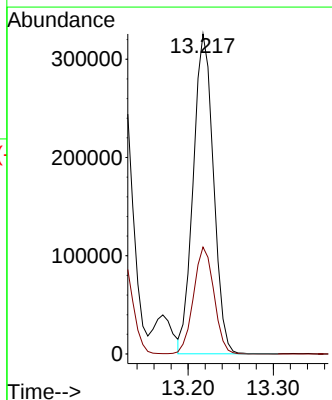
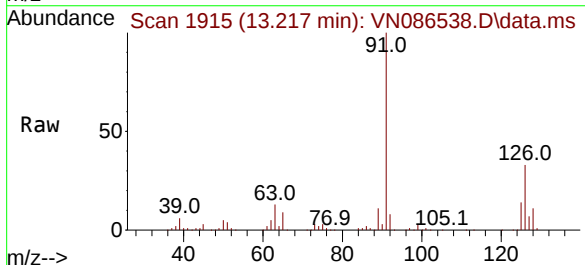
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

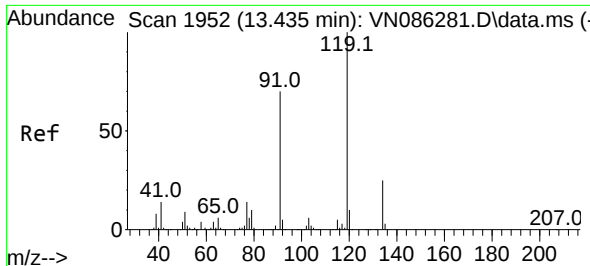
Tgt Ion: 75 Resp: 85691
Ion Ratio Lower Upper
75 100
53 88.6 79.2 118.8
89 41.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.097 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 91 Resp: 535052
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6

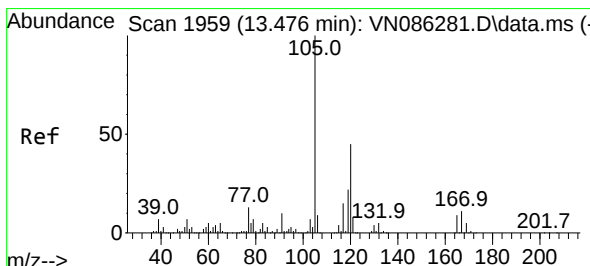
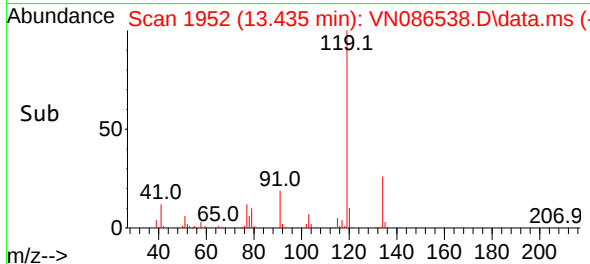
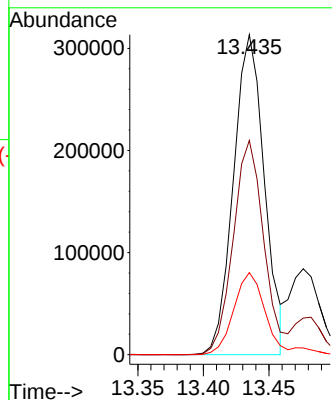
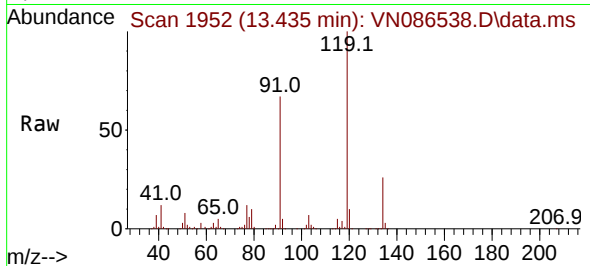




#83
tert-Butylbenzene
Concen: 48.787 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

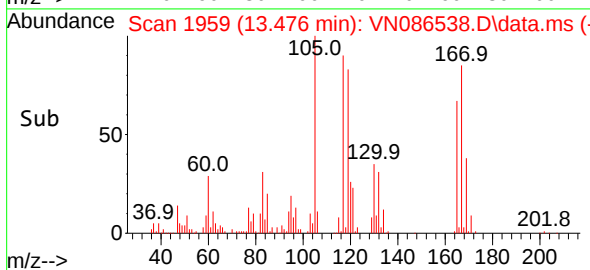
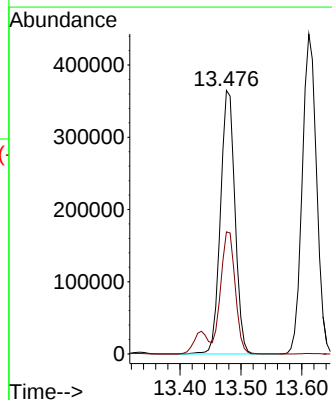
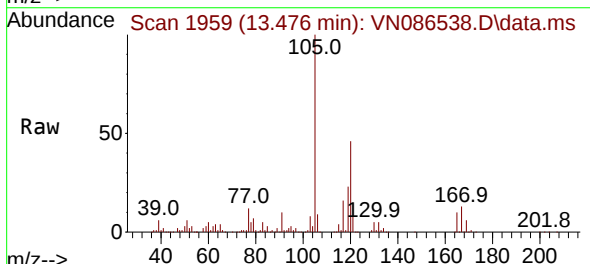
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

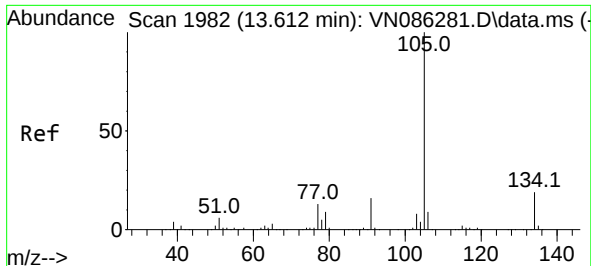
Tgt Ion:119 Resp: 514775
Ion Ratio Lower Upper
119 100
91 66.7 34.4 103.3
134 27.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 48.726 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:105 Resp: 603983
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.3

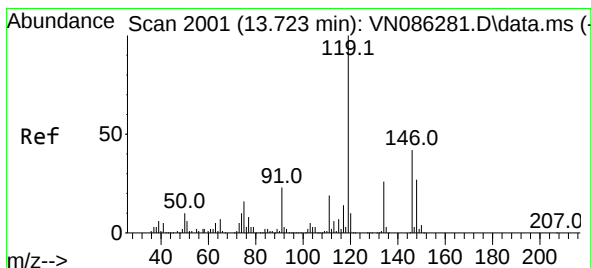
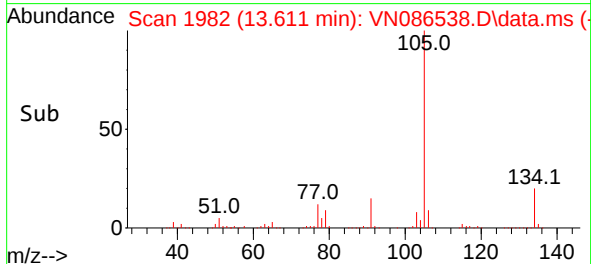
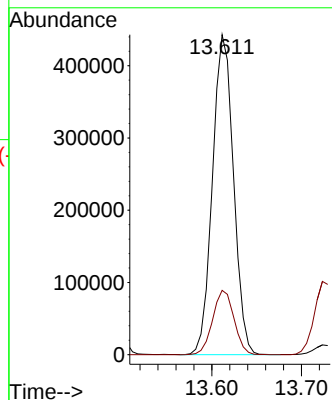
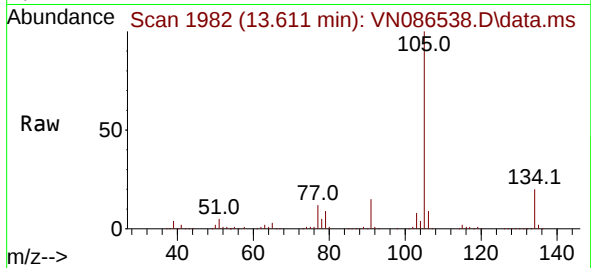




#85
 sec-Butylbenzene
 Concen: 49.251 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

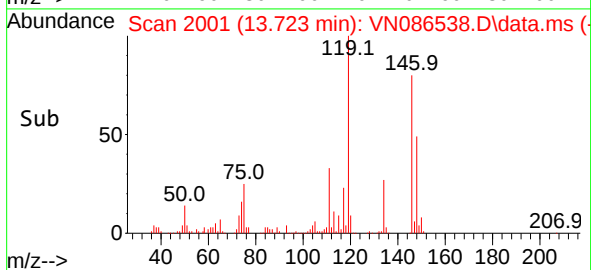
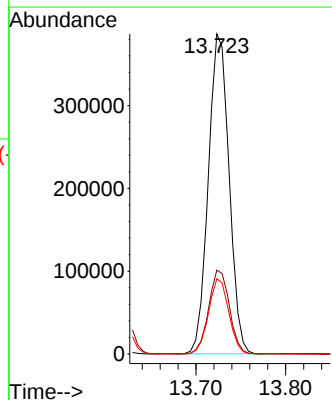
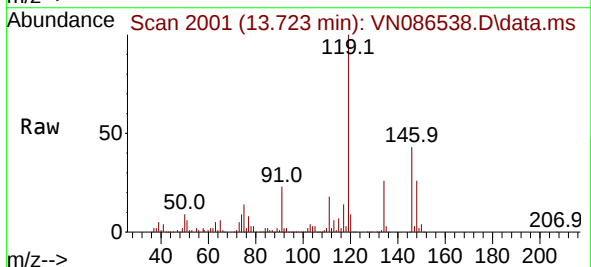
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

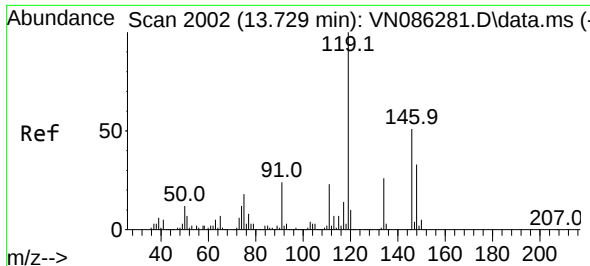
Tgt Ion:105 Resp: 720827
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 51.409 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

Tgt Ion:119 Resp: 620174
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.0 11.9 35.9

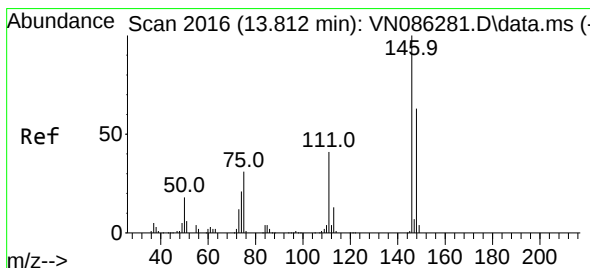
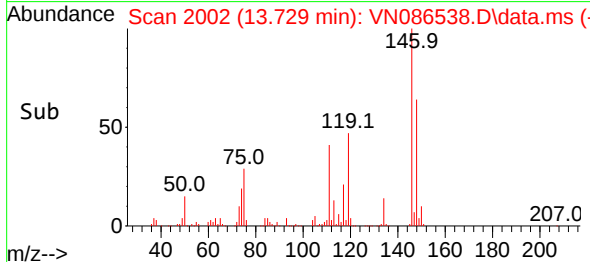
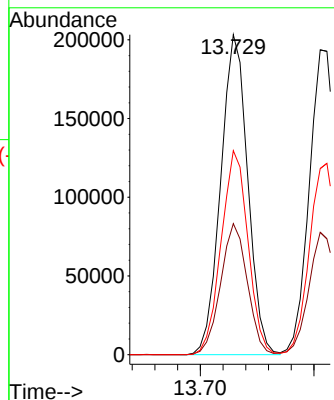
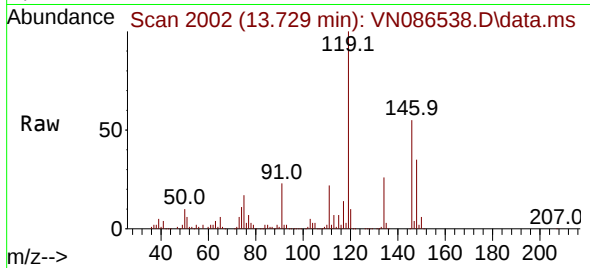




#87
1,3-Dichlorobenzene
Concen: 54.170 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

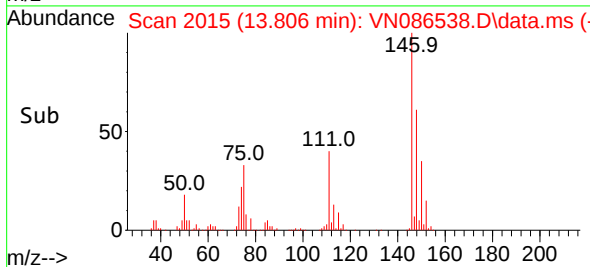
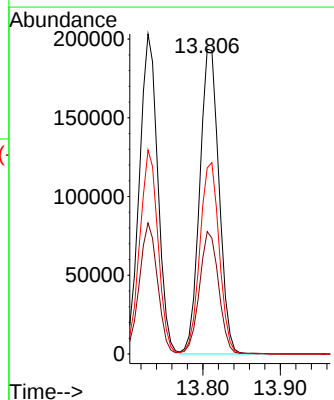
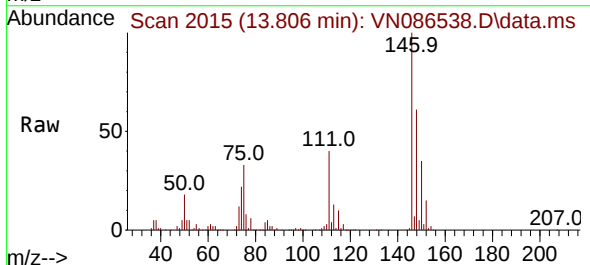
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

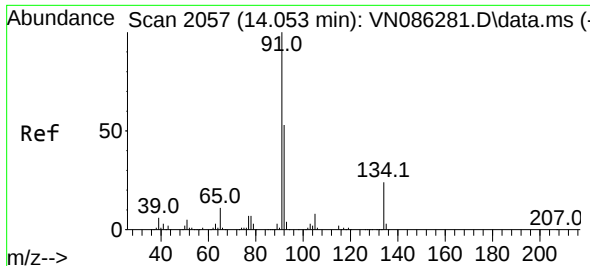
Tgt Ion:146 Resp: 335702
Ion Ratio Lower Upper
146 100
111 40.5 21.9 65.7
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 53.706 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:146 Resp: 335231
Ion Ratio Lower Upper
146 100
111 39.6 21.3 63.9
148 63.0 31.9 95.9

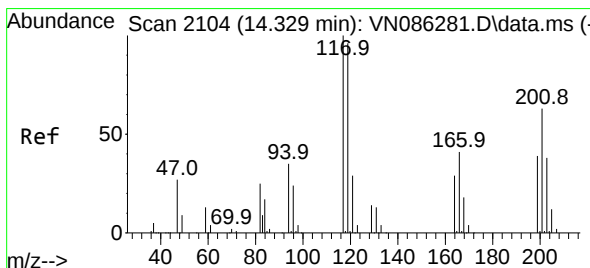
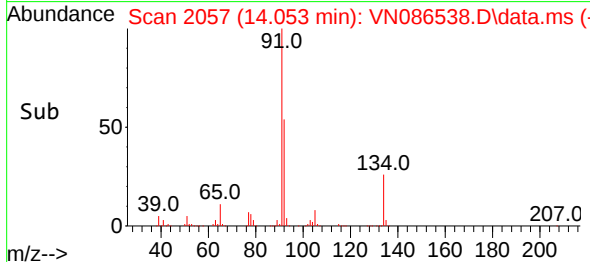
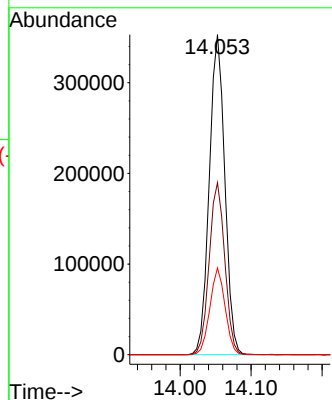
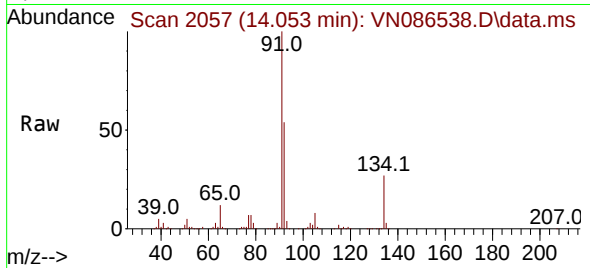




#89
n-Butylbenzene
Concen: 50.113 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

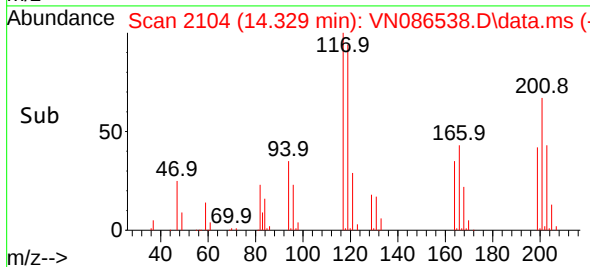
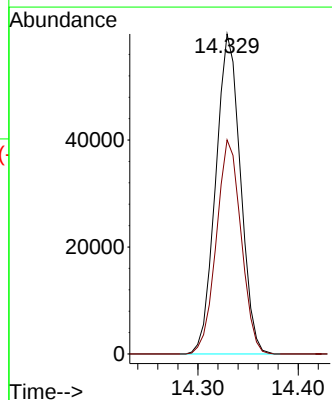
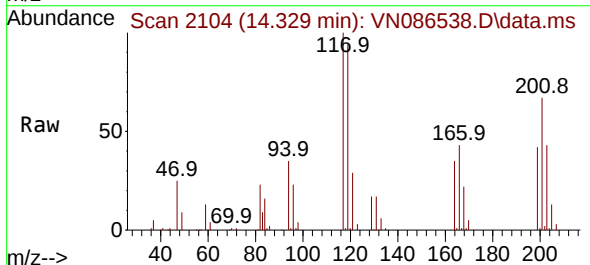
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

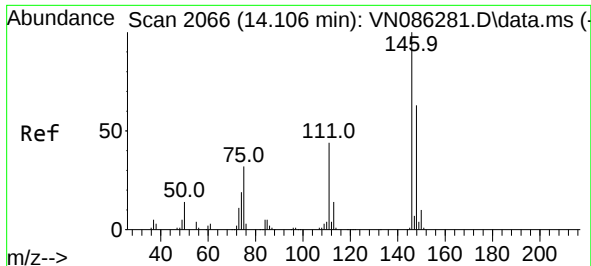
Tgt Ion: 91 Resp: 535845
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.4
134 26.5 12.2 36.6



#90
Hexachloroethane
Concen: 50.419 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion: 117 Resp: 102307
Ion Ratio Lower Upper
117 100
201 66.9 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 53.153 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

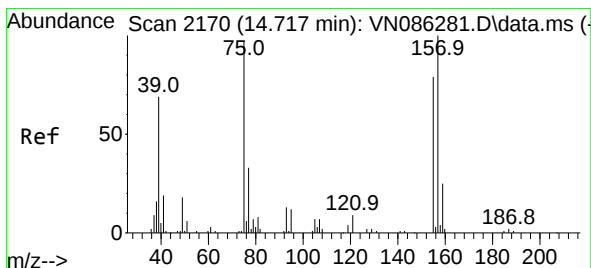
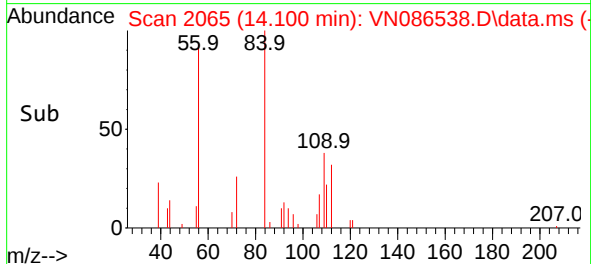
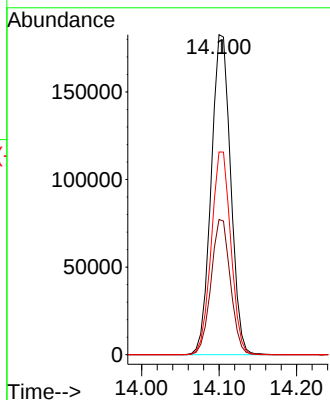
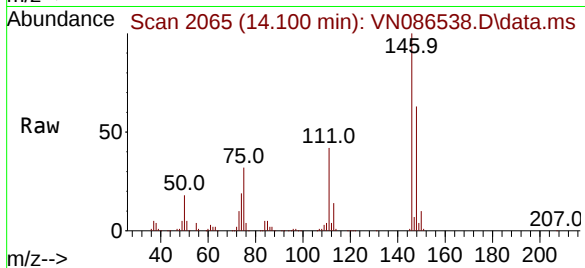
Tgt Ion:146 Resp: 319360

Ion Ratio Lower Upper

146 100

111 41.9 22.4 67.0

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.923 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086538.D

Acq: 08 May 2025 11:34

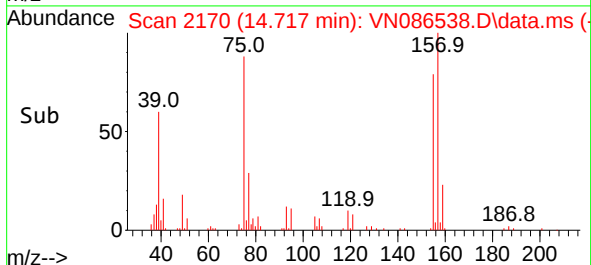
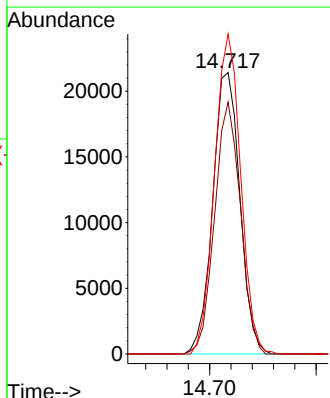
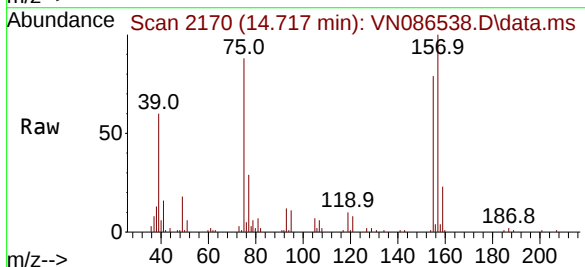
Tgt Ion: 75 Resp: 37887

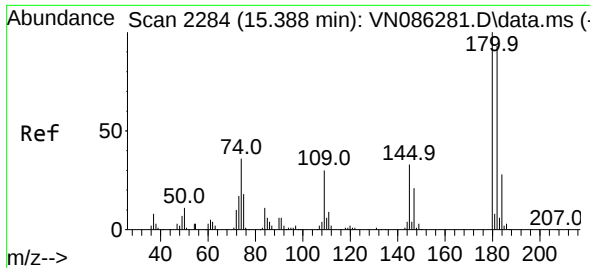
Ion Ratio Lower Upper

75 100

155 85.1 40.3 120.9

157 109.3 49.0 147.2

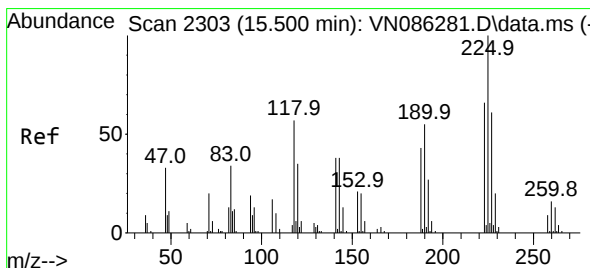
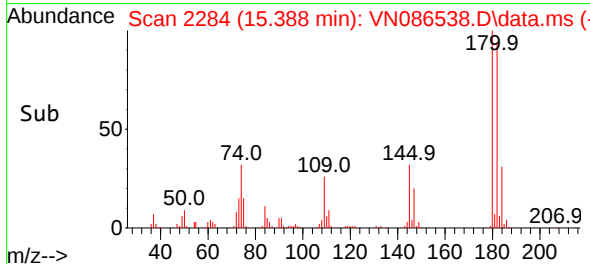
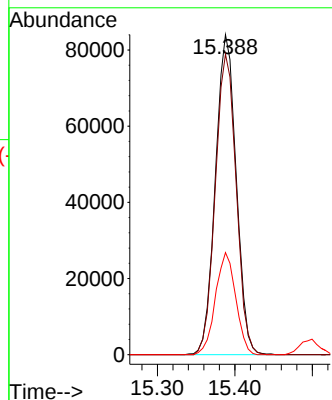
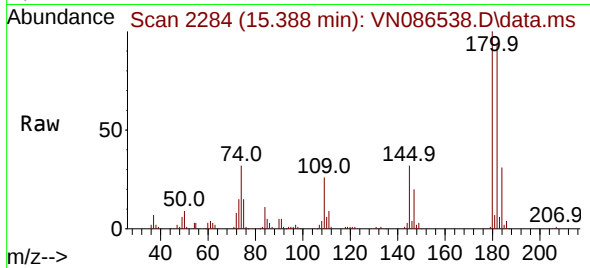




#93
 1,2,4-Trichlorobenzene
 Concen: 54.541 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

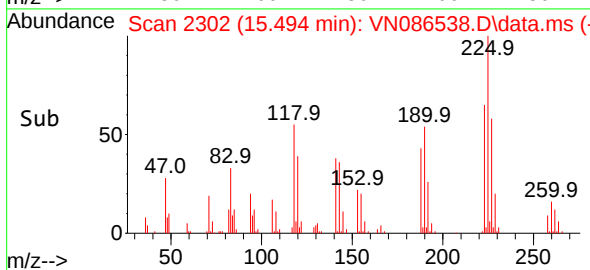
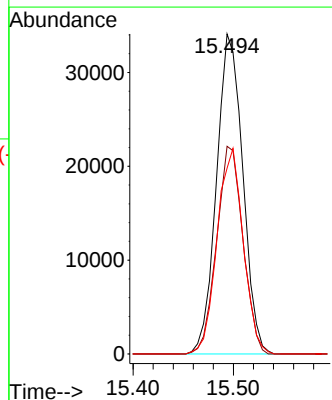
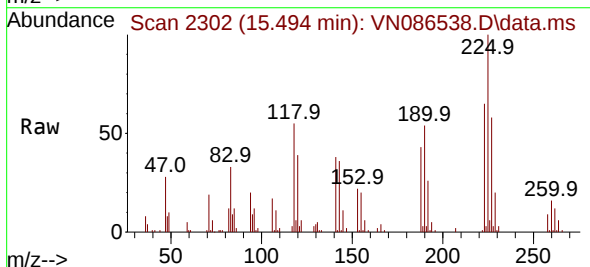
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

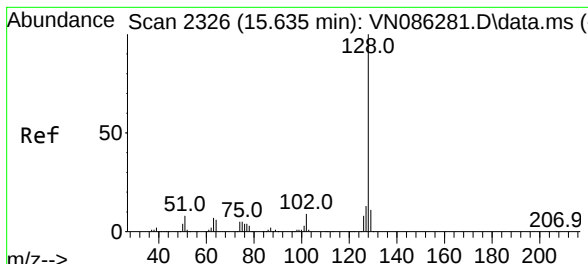
Tgt Ion:180 Resp: 156918
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.0 141.0
 145 31.2 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 57.074 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086538.D
 Acq: 08 May 2025 11:34

Tgt Ion:225 Resp: 61985
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.8 98.3
 227 63.9 31.4 94.0

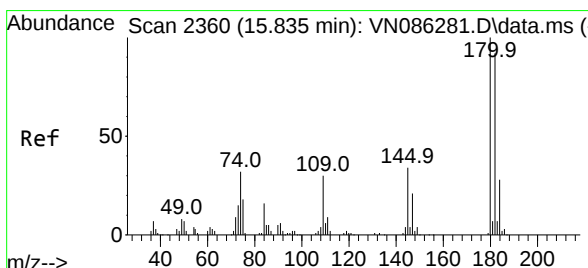
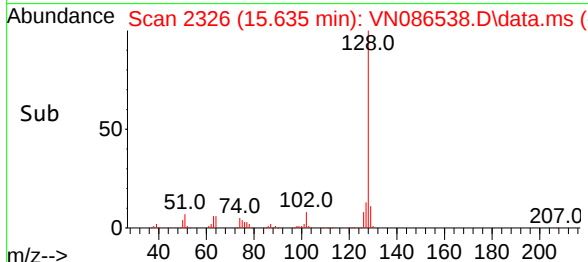
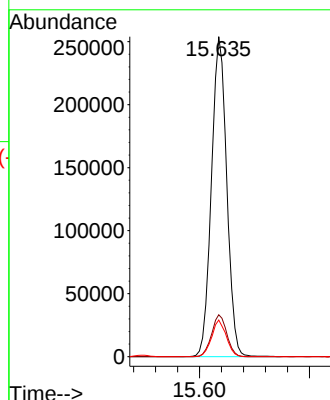
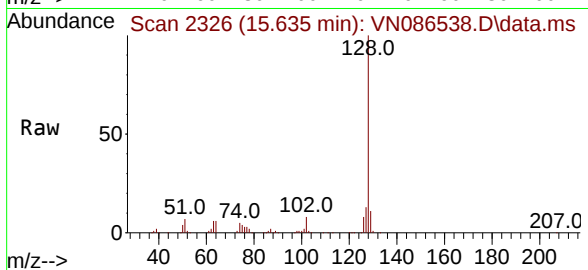




#95
Naphthalene
Concen: 48.126 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 490825
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.403 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086538.D
Acq: 08 May 2025 11:34

Tgt Ion:180 Resp: 145460
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 33.4 17.2 51.5

