

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088516.D
 Acq On : 16 Dec 2025 10:23
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Dec 17 01:35:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	351785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	593462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	542012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	266315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	315776	47.650	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.300%
35) Dibromofluoromethane	8.147	113	219996	53.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.980%
50) Toluene-d8	10.541	98	804833	52.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.823	95	278877	53.114	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	239521	45.331	ug/l	99
3) Chloromethane	2.383	50	248803	43.842	ug/l	97
4) Vinyl Chloride	2.536	62	263005	45.556	ug/l	95
5) Bromomethane	2.983	94	124692	44.875	ug/l	96
6) Chloroethane	3.142	64	167404	46.856	ug/l	94
7) Trichlorofluoromethane	3.518	101	388242	47.848	ug/l	99
8) Diethyl Ether	3.959	74	146852	48.219	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	213622	49.453	ug/l	97
10) Methyl Iodide	4.589	142	180113	42.119	ug/l	94
11) Tert butyl alcohol	5.506	59	188111	177.794	ug/l	98
12) 1,1-Dichloroethene	4.342	96	201978	47.061	ug/l	88
13) Acrolein	4.177	56	150511	148.589	ug/l	98
14) Allyl chloride	5.012	41	344246	43.275	ug/l	99
15) Acrylonitrile	5.700	53	730475	239.295	ug/l	99
16) Acetone	4.412	43	464775	193.928	ug/l	96
17) Carbon Disulfide	4.706	76	592958	42.279	ug/l	99
18) Methyl Acetate	5.012	43	350855	49.180	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	777059	48.325	ug/l	99
20) Methylene Chloride	5.265	84	236202	46.064	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	226299	47.598	ug/l	96
22) Diisopropyl ether	6.653	45	819344	48.244	ug/l	97
23) Vinyl Acetate	6.583	43	3591506	262.478	ug/l	99
24) 1,1-Dichloroethane	6.547	63	455914	47.404	ug/l	98
25) 2-Butanone	7.465	43	849711	220.539	ug/l	99
26) 2,2-Dichloropropane	7.471	77	405959	48.902	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	261624	47.350	ug/l	99
28) Bromochloromethane	7.794	49	232531	48.534	ug/l	98
29) Tetrahydrofuran	7.818	42	653751	236.561	ug/l	98
30) Chloroform	7.941	83	460432	48.721	ug/l	100
31) Cyclohexane	8.236	56	397657	45.626	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	397085	47.788	ug/l	97
36) 1,1-Dichloropropene	8.353	75	310450	48.911	ug/l	100
37) Ethyl Acetate	7.541	43	400112	47.942	ug/l	98
38) Carbon Tetrachloride	8.341	117	337968	53.488	ug/l	98
39) Methylcyclohexane	9.577	83	333156	49.072	ug/l	95
40) Benzene	8.583	78	954591	51.242	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	204112	49.379	ug/l	96
42) 1,2-Dichloroethane	8.647	62	365384	51.409	ug/l	100
43) Isopropyl Acetate	8.671	43	614439	48.186	ug/l	97
44) Trichloroethene	9.330	130	214588	48.751	ug/l	97
45) 1,2-Dichloropropane	9.600	63	245729	51.484	ug/l	94
46) Dibromomethane	9.682	93	175460	51.511	ug/l	97
47) Bromodichloromethane	9.865	83	364226	52.406	ug/l	96
48) Methyl methacrylate	9.659	41	294632	50.641	ug/l	93
49) 1,4-Dioxane	9.677	88	65539	885.785	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	1940890	258.234	ug/l	96
52) Toluene	10.606	92	580392	53.956	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	372668	52.239	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	394355	52.566	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	223799	53.775	ug/l	98
56) Ethyl methacrylate	10.853	69	370707	56.390	ug/l #	91
57) 1,3-Dichloropropane	11.141	76	400225	53.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	1068417	281.904	ug/l	98
59) 2-Hexanone	11.171	43	1254703	264.999	ug/l	94
60) Dibromochloromethane	11.335	129	261398	55.096	ug/l	98
61) 1,2-Dibromoethane	11.447	107	221204	52.488	ug/l	97
64) Tetrachloroethene	11.077	164	188878	43.957	ug/l	97
65) Chlorobenzene	11.865	112	612296	50.293	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	215304	52.434	ug/l	100
67) Ethyl Benzene	11.941	91	1078447	50.682	ug/l	99
68) m/p-Xylenes	12.047	106	813268	103.083	ug/l	99
69) o-Xylene	12.376	106	380347	50.568	ug/l	99
70) Styrene	12.388	104	665041	54.454	ug/l	98
71) Bromoform	12.553	173	170502	56.691	ug/l	100
73) Isopropylbenzene	12.671	105	999226	50.746	ug/l	99
74) N-amyl acetate	12.500	43	343978m	51.295	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	324121	50.916	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	306526m	49.142	ug/l	
77) Bromobenzene	12.953	156	233043	51.726	ug/l	99
78) n-propylbenzene	13.012	91	1204069	49.983	ug/l	100
79) 2-Chlorotoluene	13.100	91	707310	48.082	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	818826	50.183	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	121393	55.211	ug/l #	97
82) 4-Chlorotoluene	13.194	91	756714	51.791	ug/l	100
83) tert-Butylbenzene	13.412	119	659025	47.513	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	825563	50.904	ug/l	99
85) sec-Butylbenzene	13.588	105	979626	49.163	ug/l	100
86) p-Isopropyltoluene	13.706	119	805484	49.296	ug/l	99
87) 1,3-Dichlorobenzene	13.706	146	439194	50.077	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	449411	48.919	ug/l	98
89) n-Butylbenzene	14.029	91	730078	46.018	ug/l	99
90) Hexachloroethane	14.306	117	139769	46.825	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	415762	50.376	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	74190	48.035	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	226027	46.092	ug/l	97
94) Hexachlorobutadiene	15.470	225	81572	46.291	ug/l	96
95) Naphthalene	15.612	128	825620	48.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.806	180	219719	46.039	ug/l	98

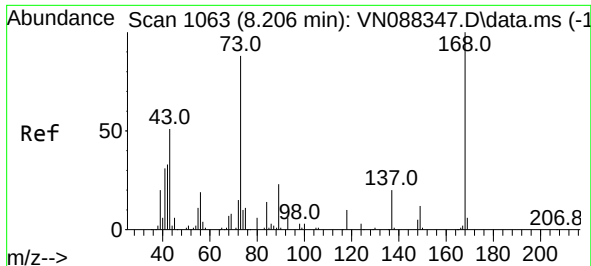
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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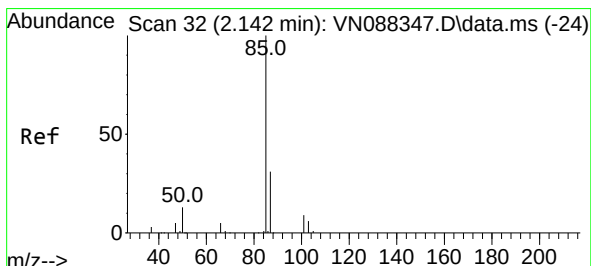
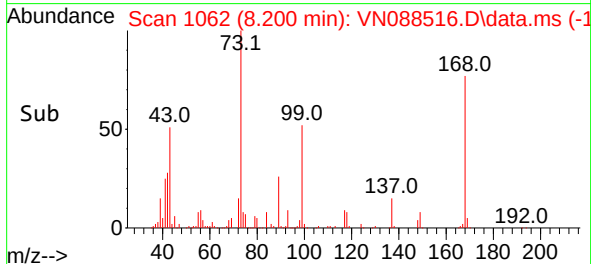
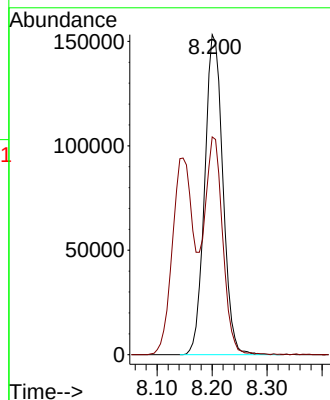
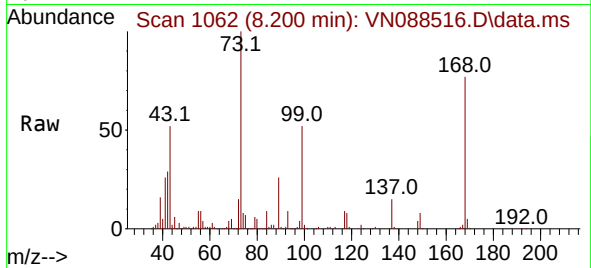
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

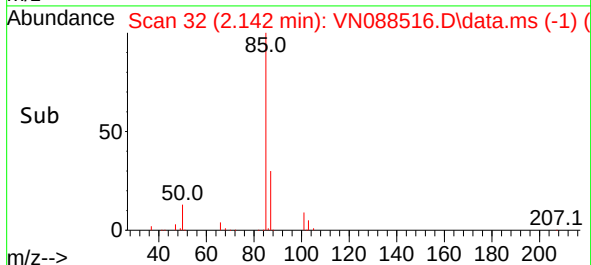
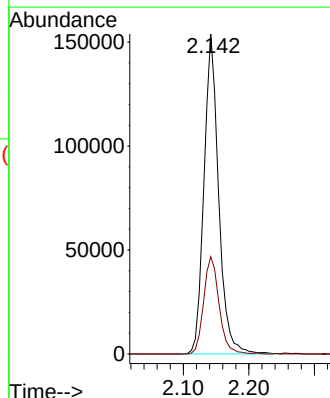
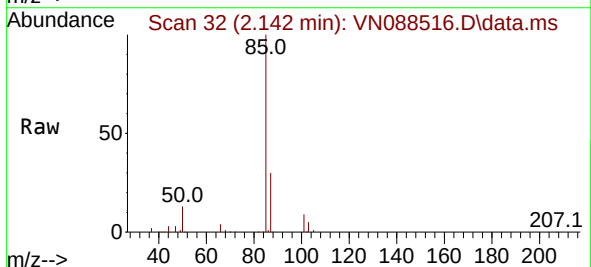
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

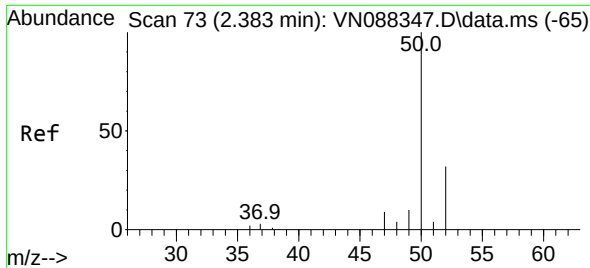
Tgt Ion:168 Resp: 351785
Ion Ratio Lower Upper
168 100
99 67.9 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 45.331 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 85 Resp: 239521
Ion Ratio Lower Upper
85 100
87 30.4 15.6 46.7

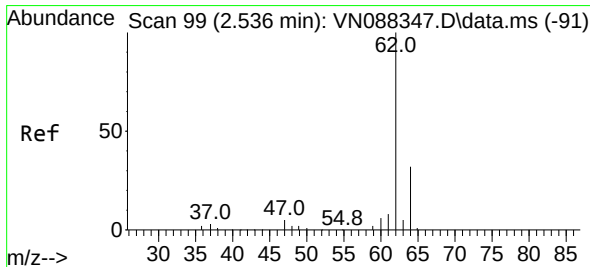
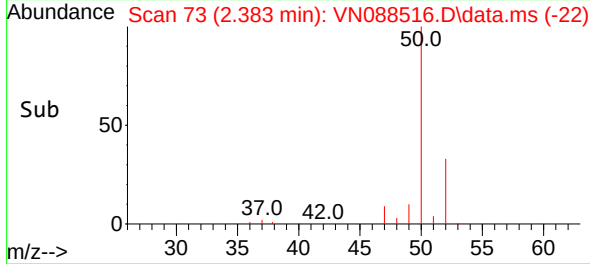
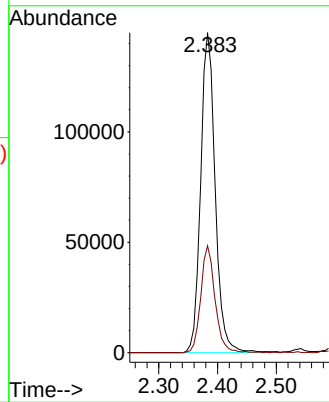
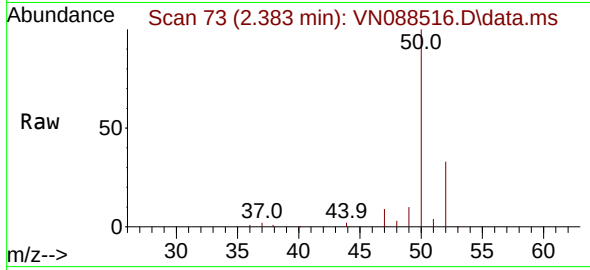




#3
Chloromethane
Concen: 43.842 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

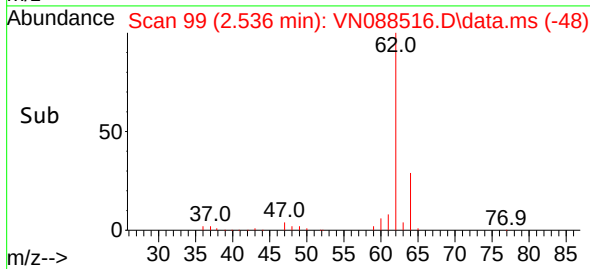
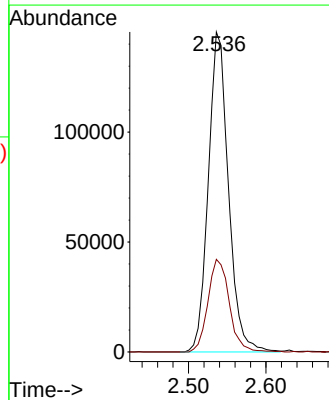
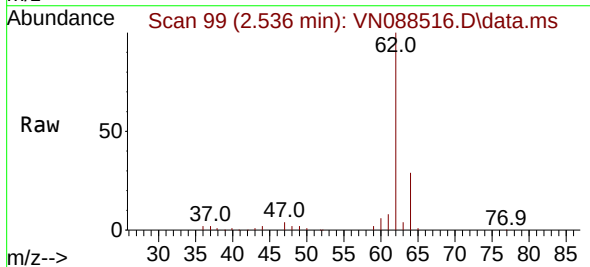
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

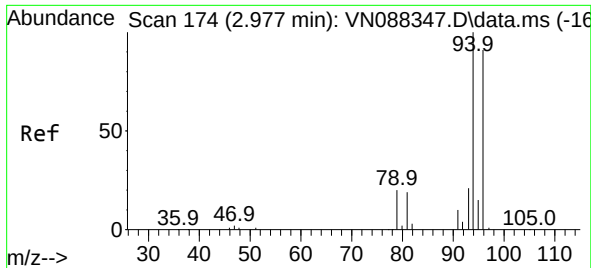
Tgt Ion: 50 Resp: 248803
Ion Ratio Lower Upper
50 100
52 33.4 25.2 37.8



#4
Vinyl Chloride
Concen: 45.556 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 62 Resp: 263005
Ion Ratio Lower Upper
62 100
64 29.0 25.4 38.2

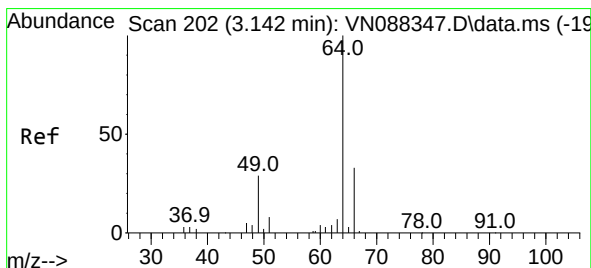
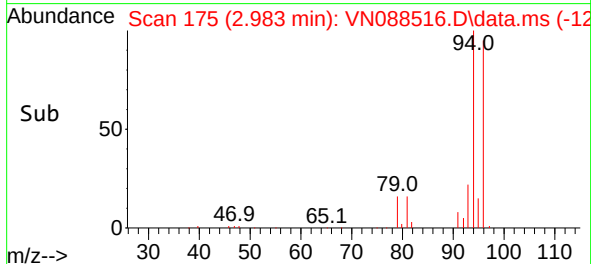
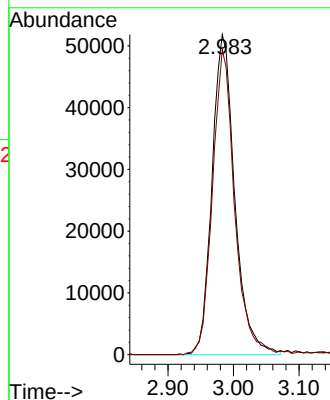
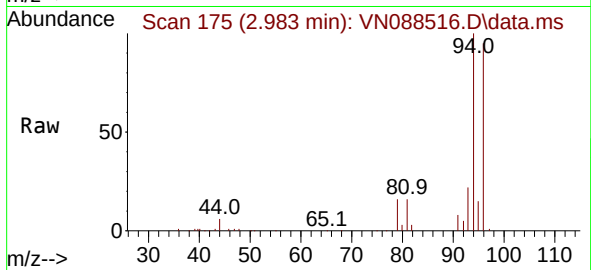




#5
Bromomethane
Concen: 44.875 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

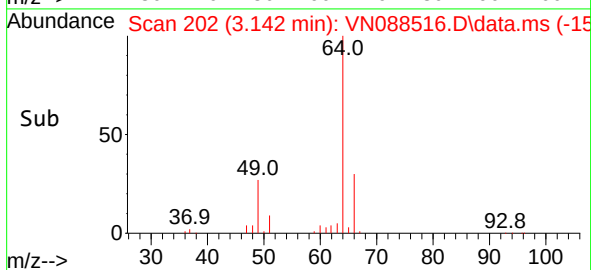
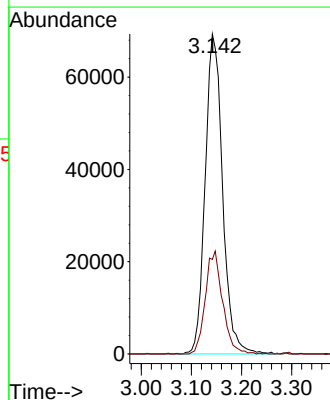
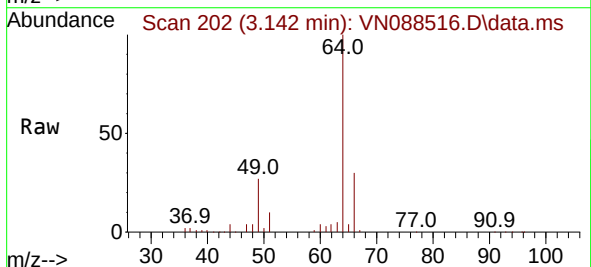
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

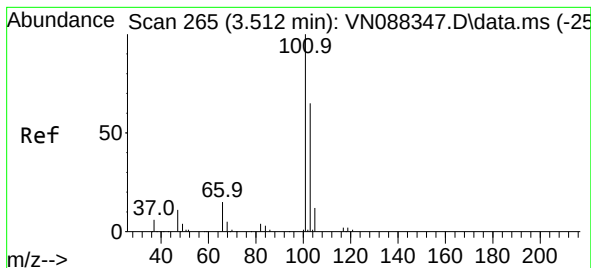
Tgt Ion: 94 Resp: 124692
Ion Ratio Lower Upper
94 100
96 95.1 73.2 109.8



#6
Chloroethane
Concen: 46.856 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 64 Resp: 167404
Ion Ratio Lower Upper
64 100
66 29.6 26.4 39.6





#7

Trichlorofluoromethane

Concen: 47.848 ug/l

RT: 3.518 min Scan# 2

Delta R.T. 0.006 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

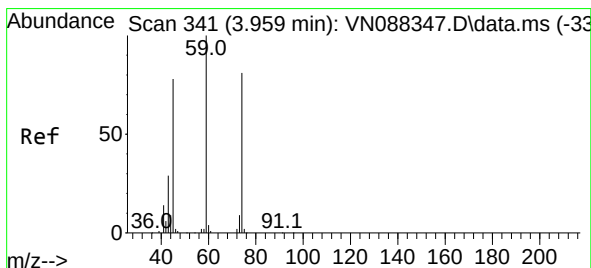
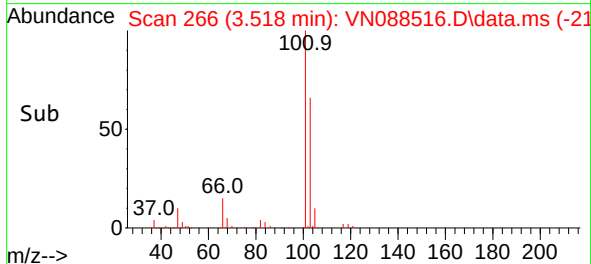
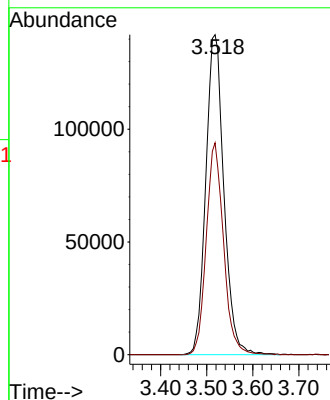
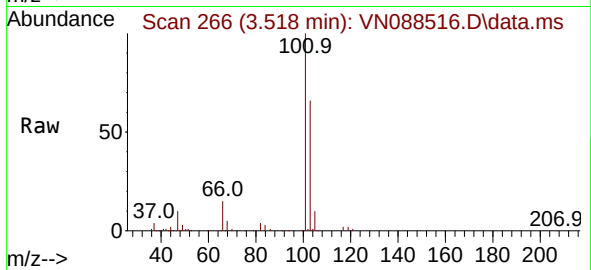
VSTDCCC050

Tgt Ion:101 Resp: 388242

Ion Ratio Lower Upper

101 100

103 66.2 52.3 78.5



#8

Diethyl Ether

Concen: 48.219 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.000 min

Lab File: VN088516.D

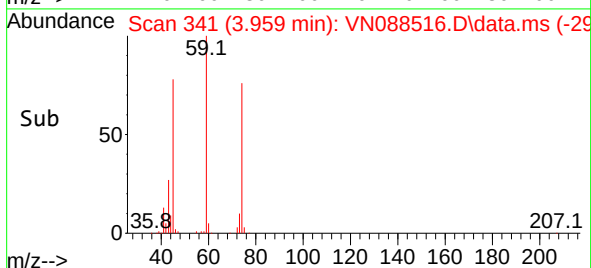
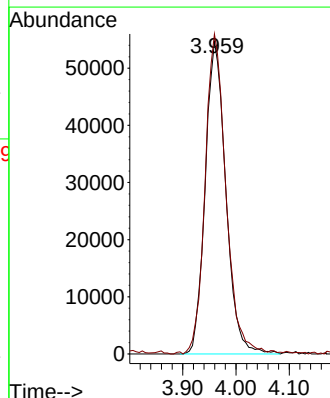
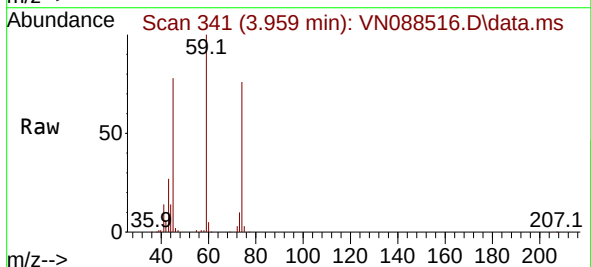
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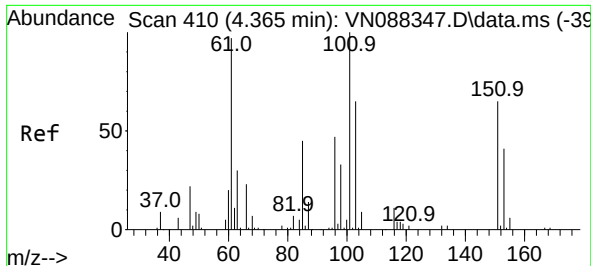
Tgt Ion: 74 Resp: 146852

Ion Ratio Lower Upper

74 100

45 103.4 54.2 162.6

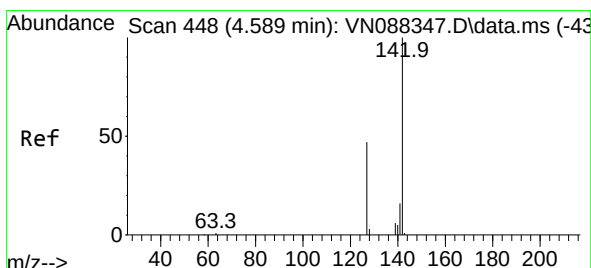
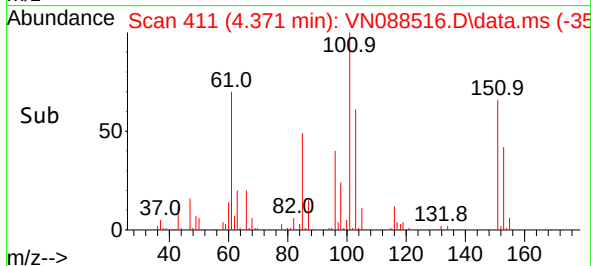
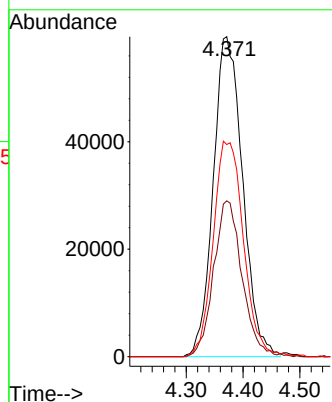
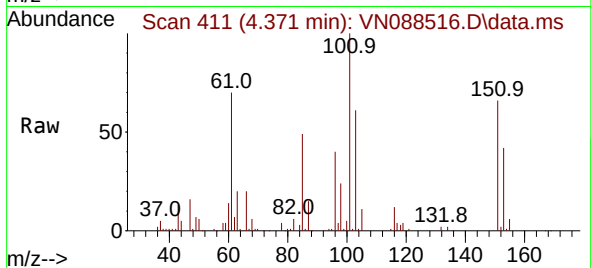




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.453 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

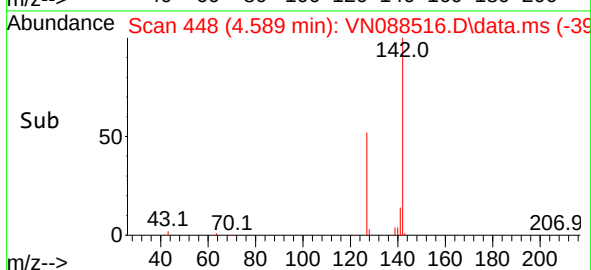
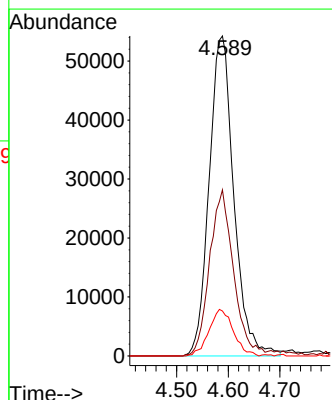
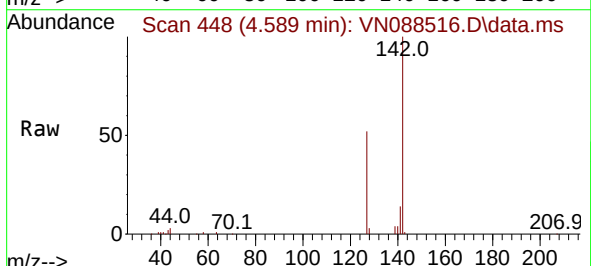
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

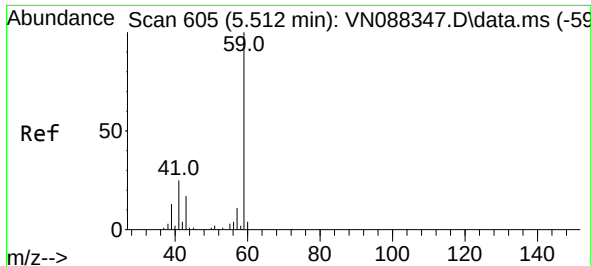
Tgt Ion:101 Resp: 213622
Ion Ratio Lower Upper
101 100
85 47.2 39.2 58.8
151 69.4 53.6 80.4



#10
Methyl Iodide
Concen: 42.119 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion:142 Resp: 180113
Ion Ratio Lower Upper
142 100
127 51.9 37.9 56.9
141 14.0 12.4 18.6

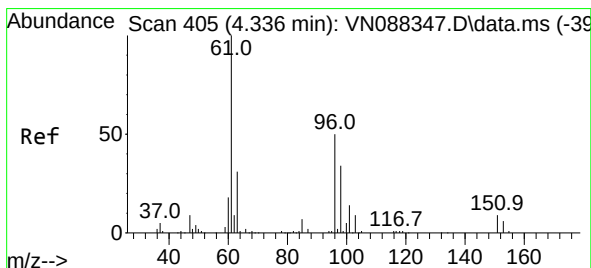
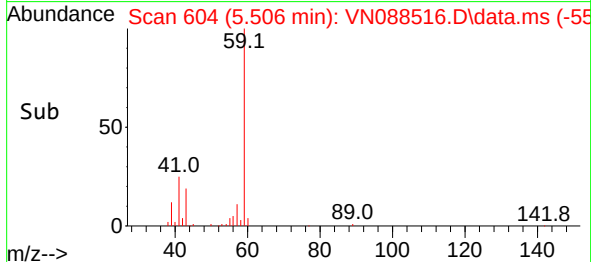
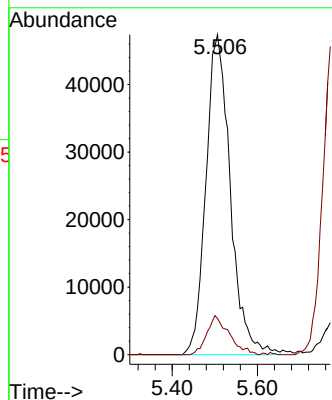
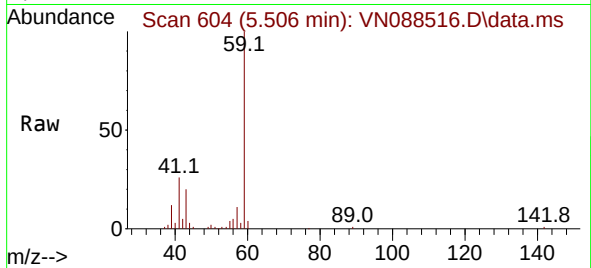




#11
Tert butyl alcohol
Concen: 177.794 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

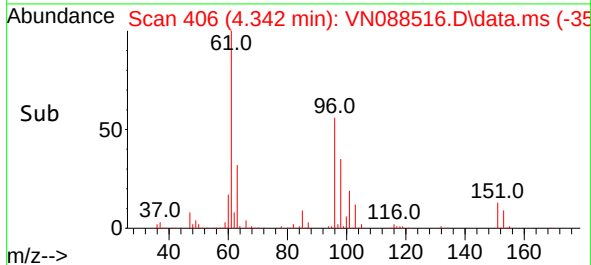
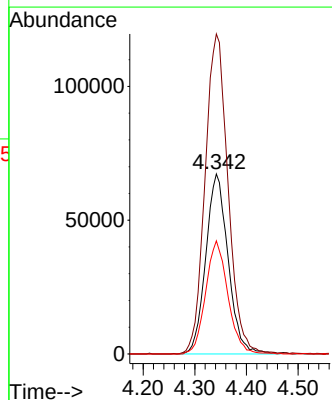
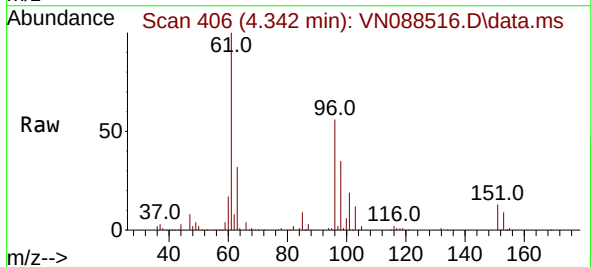
Instrument :
MSVOA_N
ClientSampleId :
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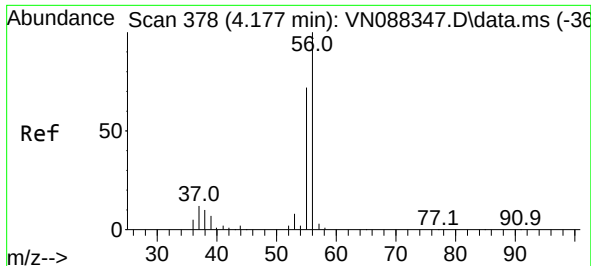
Tgt Ion: 59 Resp: 188111
Ion Ratio Lower Upper
59 100
57 11.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 47.061 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 96 Resp: 201978
Ion Ratio Lower Upper
96 100
61 177.5 159.1 238.7
98 62.9 53.7 80.5

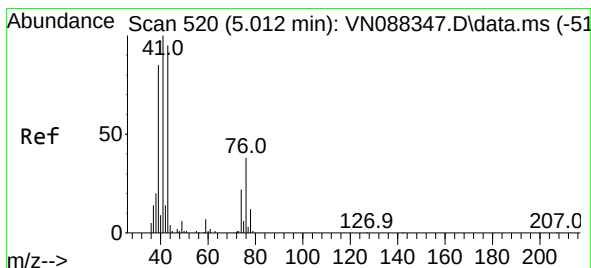
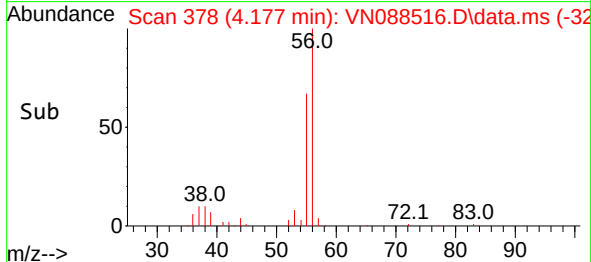
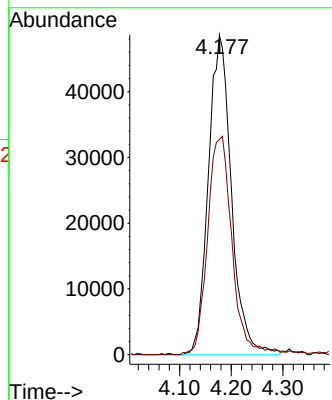
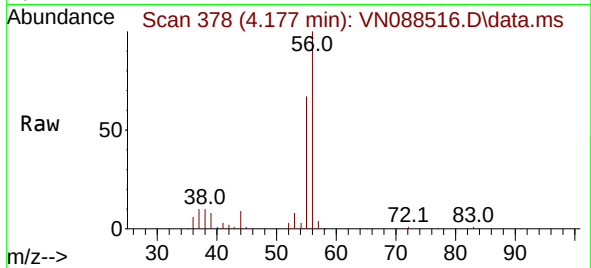




#13
Acrolein
Concen: 148.589 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

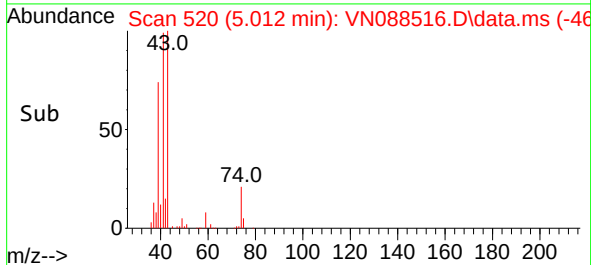
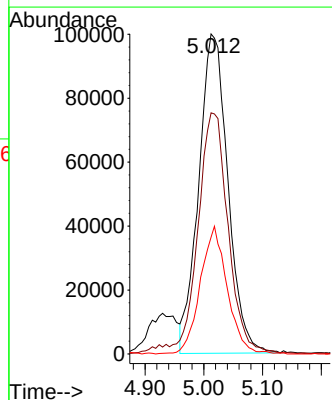
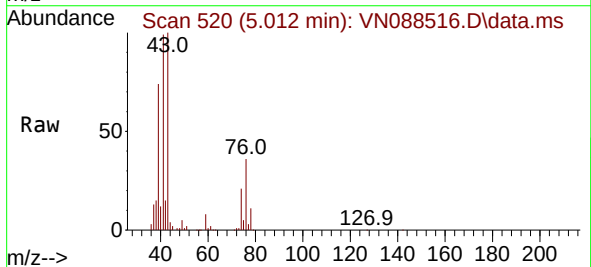
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

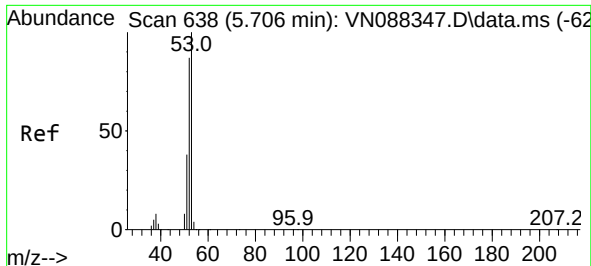
Tgt Ion: 56 Resp: 150511
Ion Ratio Lower Upper
56 100
55 72.4 56.3 84.5



#14
Allyl chloride
Concen: 43.275 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 41 Resp: 344246
Ion Ratio Lower Upper
41 100
39 79.5 64.7 97.1
76 37.1 29.1 43.7

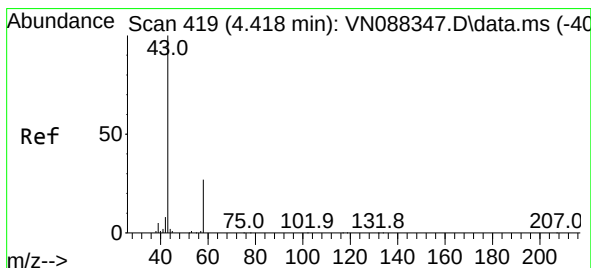
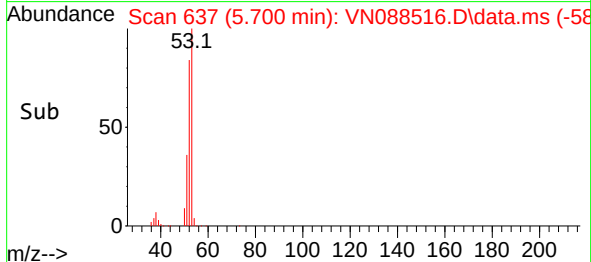
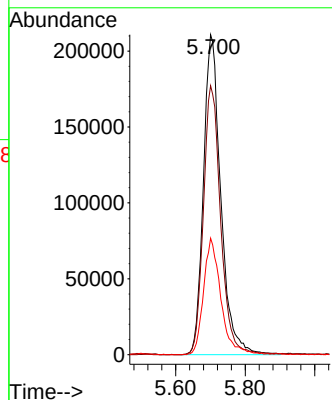
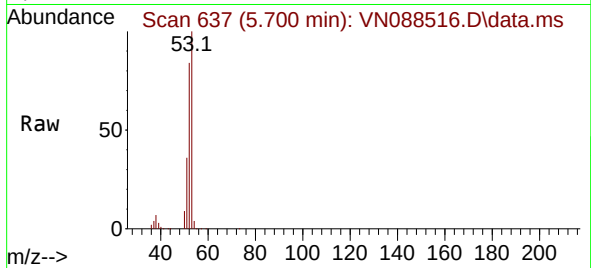




#15
Acrylonitrile
Concen: 239.295 ug/l
RT: 5.700 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

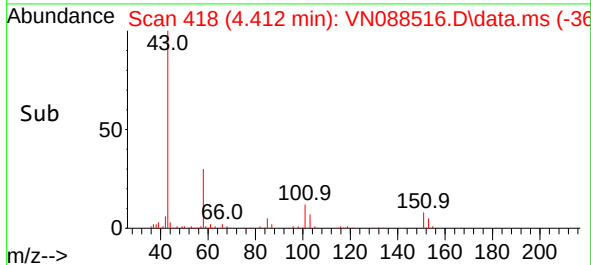
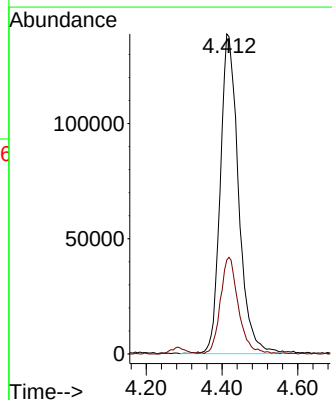
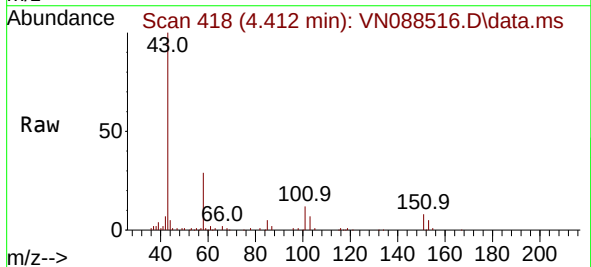
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

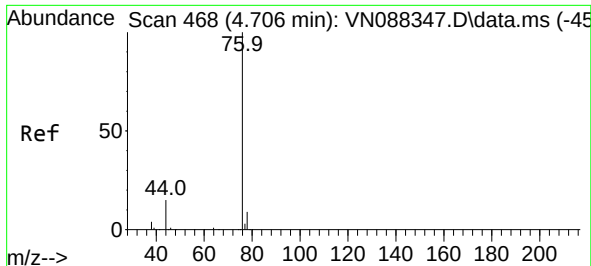
Tgt Ion: 53 Resp: 730475
Ion Ratio Lower Upper
53 100
52 83.5 67.8 101.6
51 36.4 29.8 44.8



#16
Acetone
Concen: 193.928 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 43 Resp: 464775
Ion Ratio Lower Upper
43 100
58 29.2 21.7 32.5

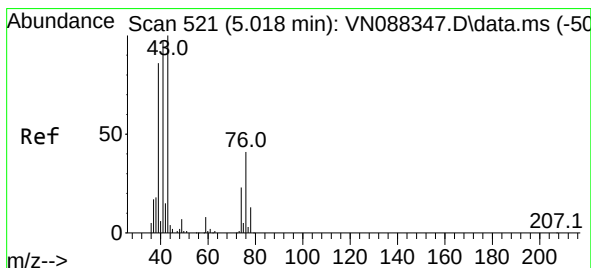
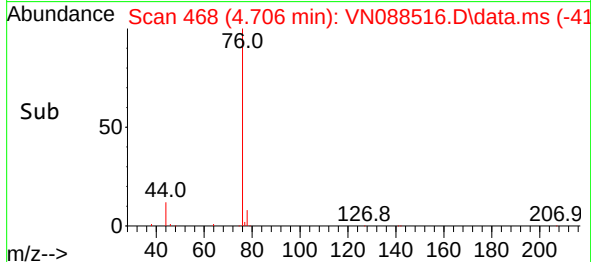
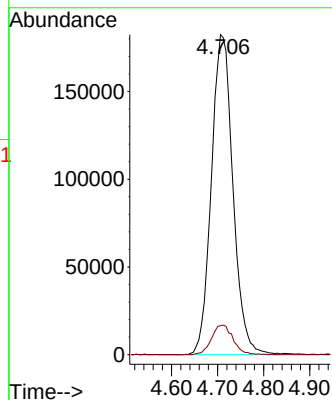
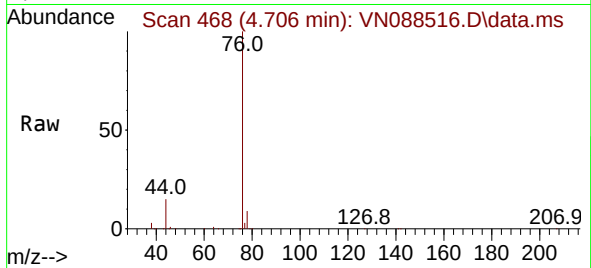




#17
Carbon Disulfide
Concen: 42.279 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

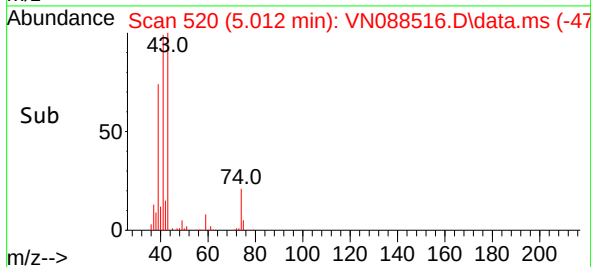
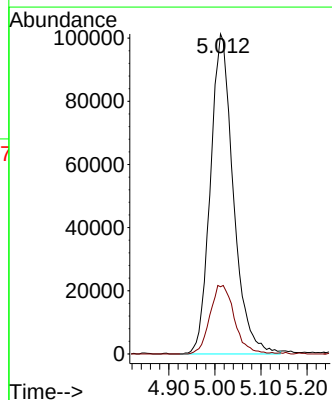
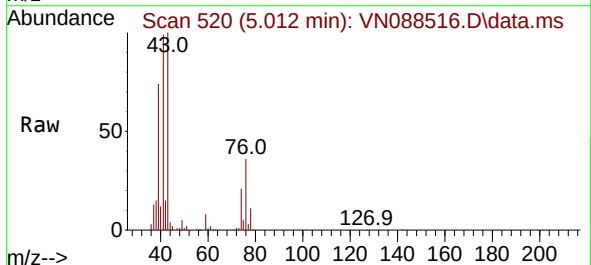
Instrument :
MSVOA_N
ClientSampleId :
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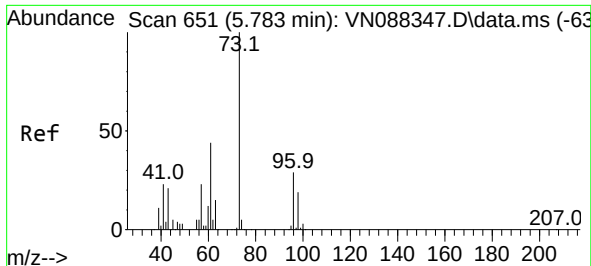
Tgt Ion: 76 Resp: 592958
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 49.180 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 43 Resp: 350855
Ion Ratio Lower Upper
43 100
74 22.9 17.9 26.9

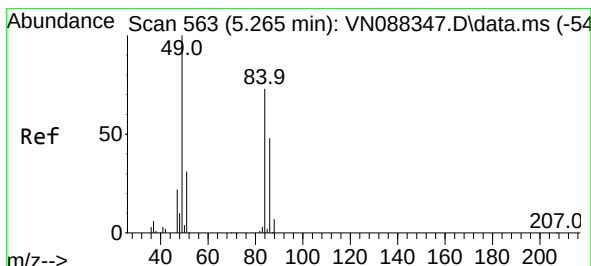
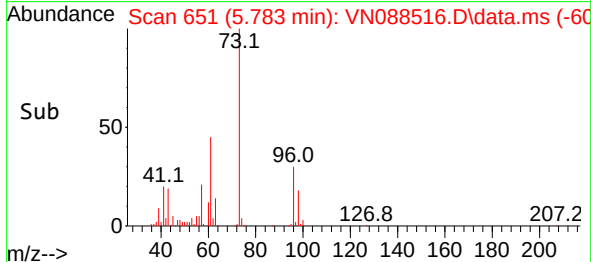
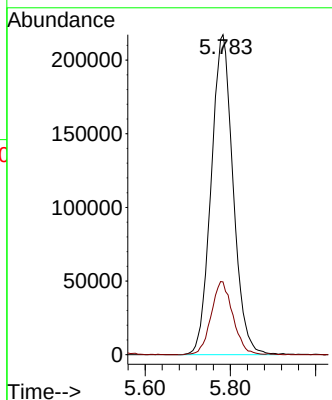
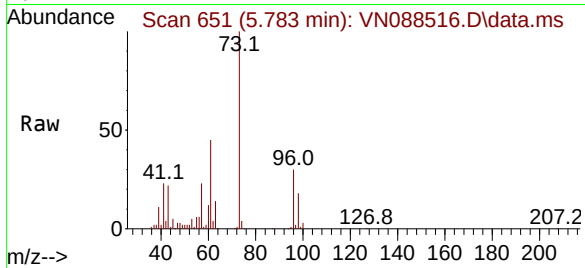




#19
Methyl tert-butyl Ether
Concen: 48.325 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

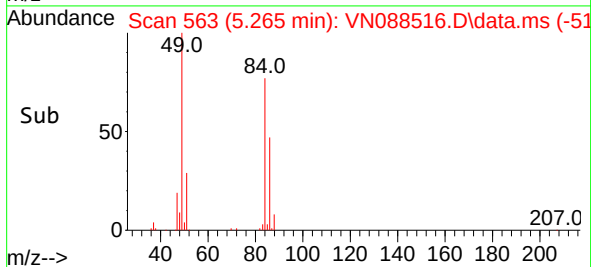
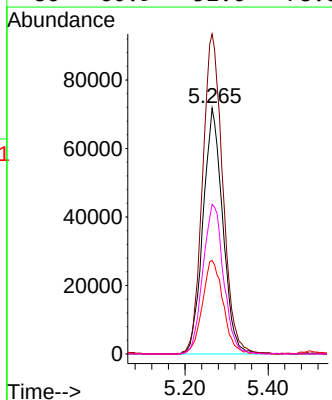
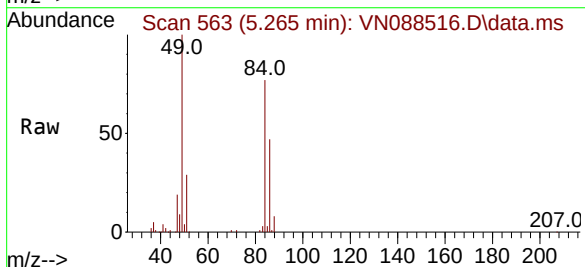
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

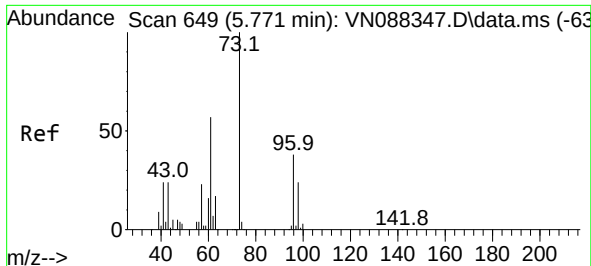
Tgt Ion: 73 Resp: 777059
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0



#20
Methylene Chloride
Concen: 46.064 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 84 Resp: 236202
Ion Ratio Lower Upper
84 100
49 130.2 110.2 165.2
51 38.1 34.1 51.1
86 60.9 52.6 78.8

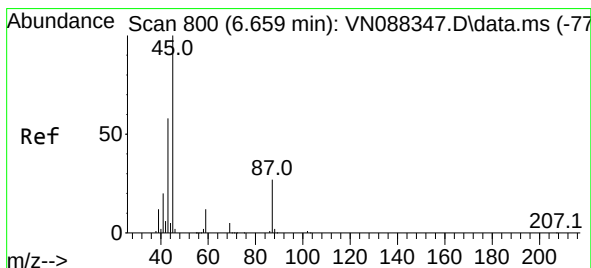
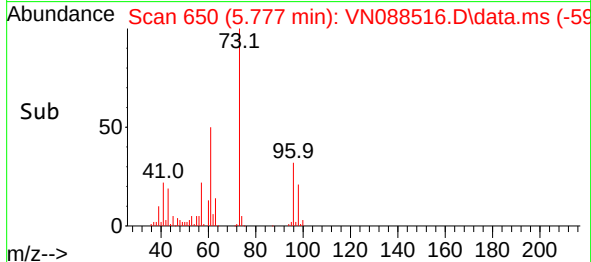
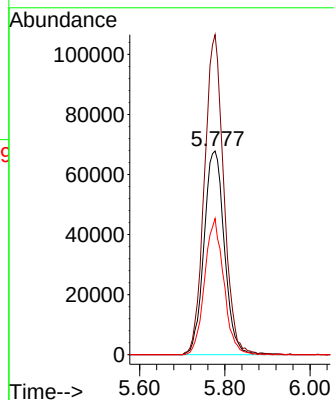
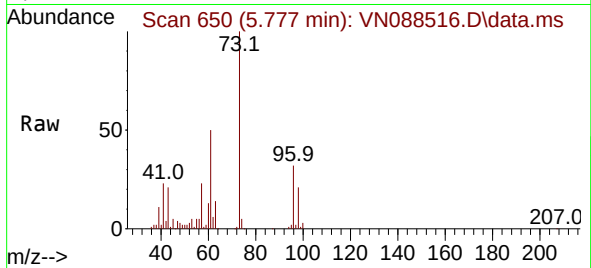




#21
trans-1,2-Dichloroethene
Concen: 47.598 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

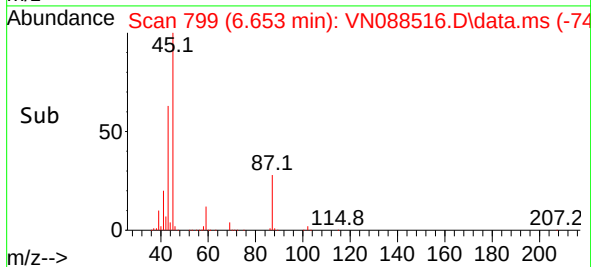
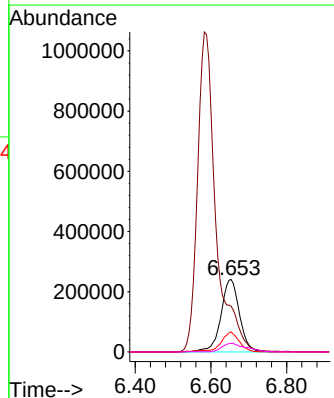
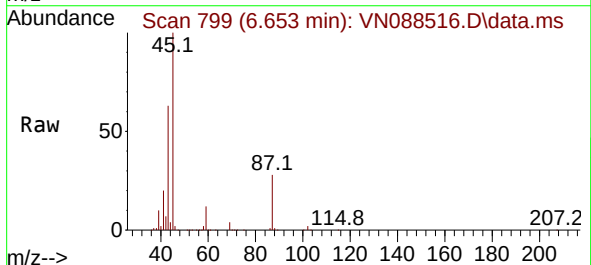
Instrument :
MSVOA_N
ClientSampleId :
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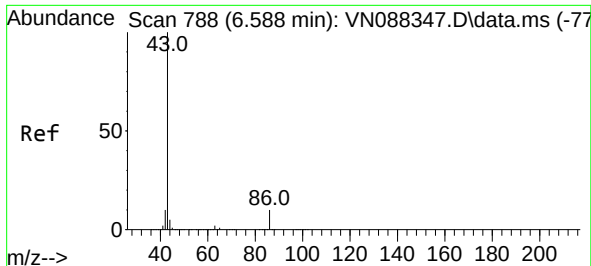
Tgt Ion: 96 Resp: 226299
Ion Ratio Lower Upper
96 100
61 157.2 122.4 183.6
98 66.8 50.9 76.3



#22
Diisopropyl ether
Concen: 48.244 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 45 Resp: 819344
Ion Ratio Lower Upper
45 100
43 62.5 47.4 71.2
87 27.7 21.9 32.9
59 11.7 9.4 14.2

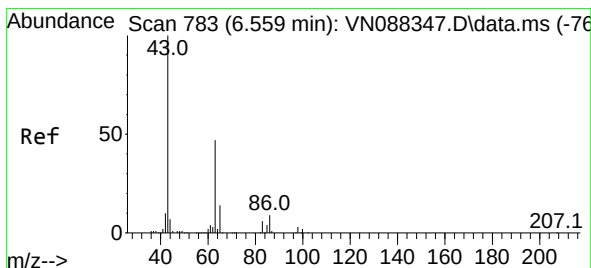
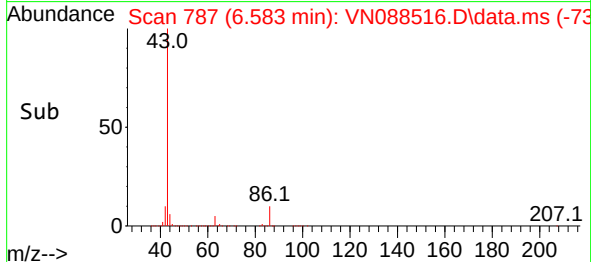
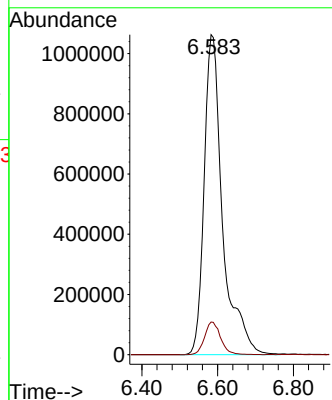
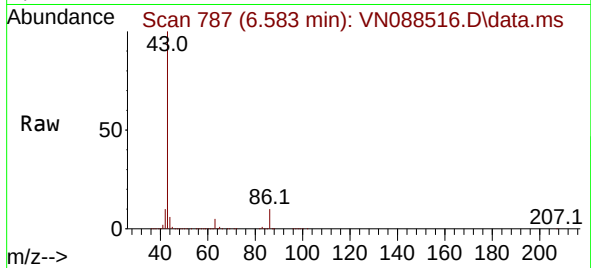




#23
 Vinyl Acetate
 Concen: 262.478 ug/l
 RT: 6.583 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: VN088516.D
 Acq: 16 Dec 2025 10:23

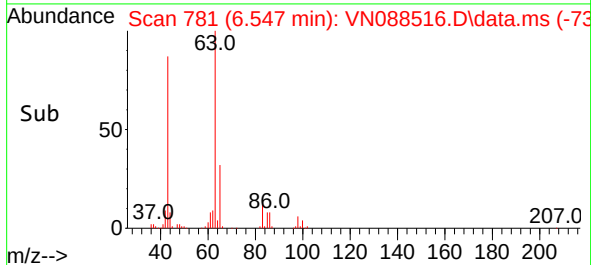
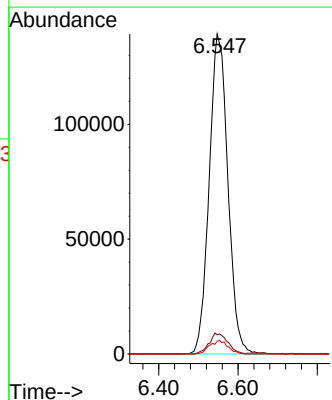
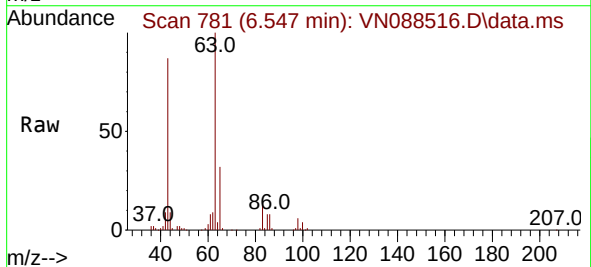
Instrument :
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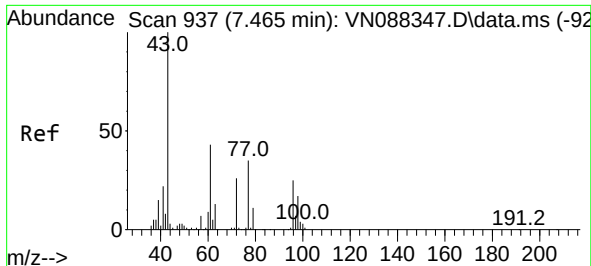
Tgt Ion: 43 Resp: 3591506
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.404 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088516.D
 Acq: 16 Dec 2025 10:23

Tgt Ion: 63 Resp: 455914
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.2
 100 4.0 1.9 5.7

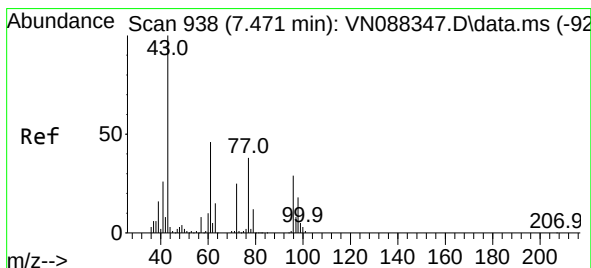
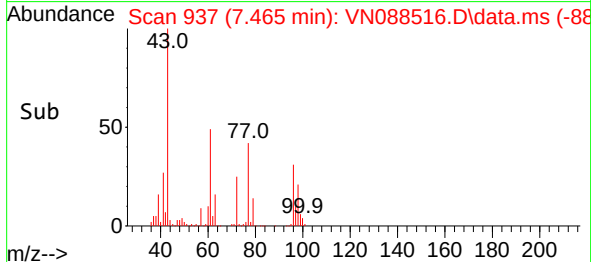
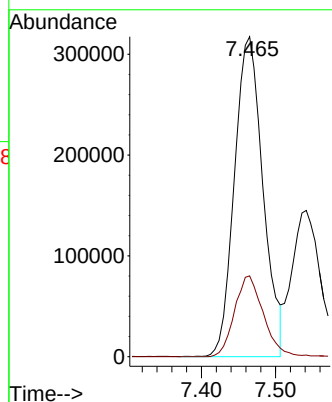
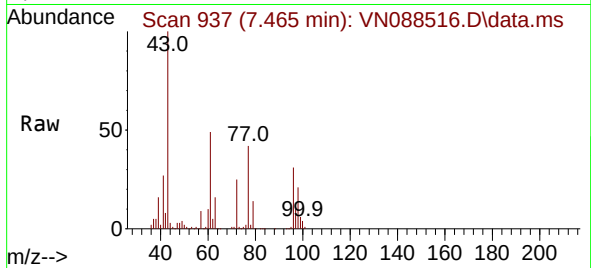




#25
2-Butanone
Concen: 220.539 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

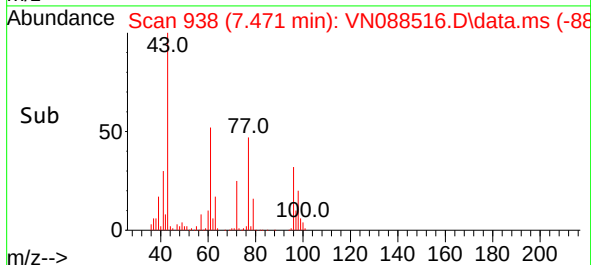
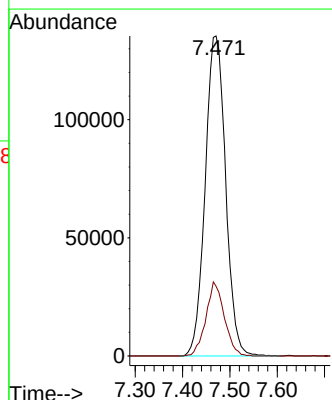
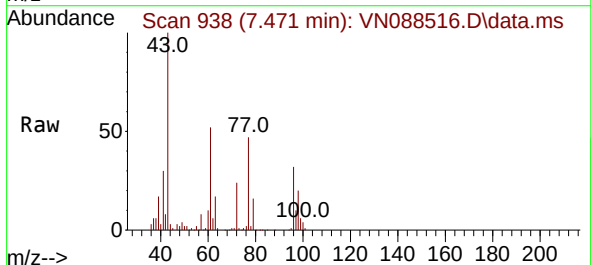
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

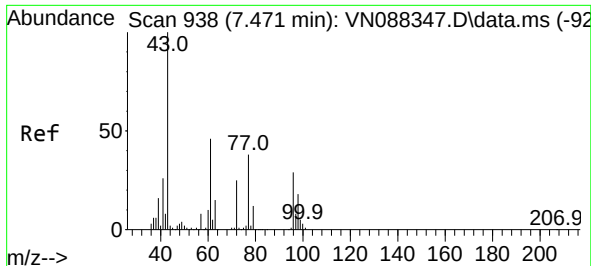
Tgt Ion: 43 Resp: 849711
Ion Ratio Lower Upper
43 100
72 25.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 48.902 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 77 Resp: 405959
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9

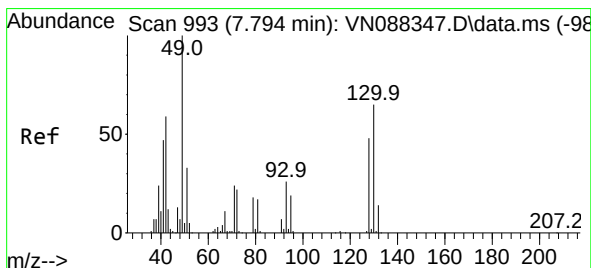
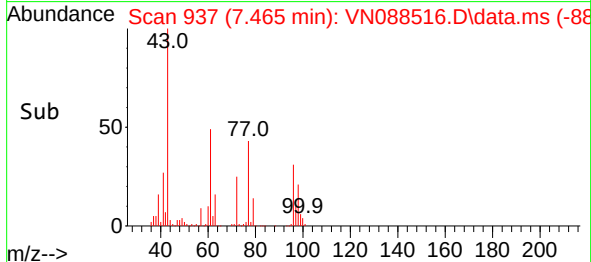
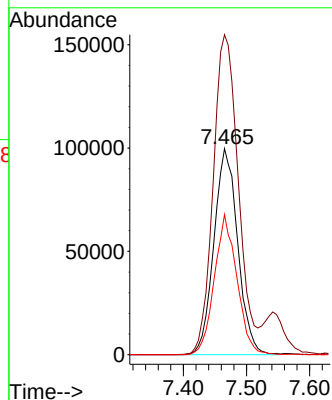
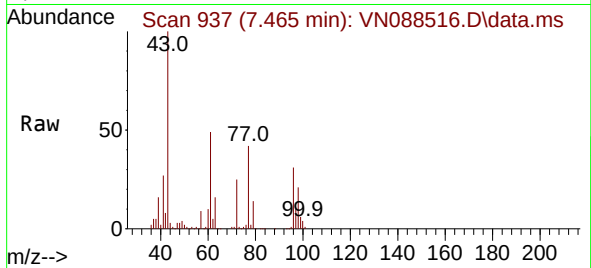




#27
 cis-1,2-Dichloroethene
 Concen: 47.350 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN088516.D
 Acq: 16 Dec 2025 10:23

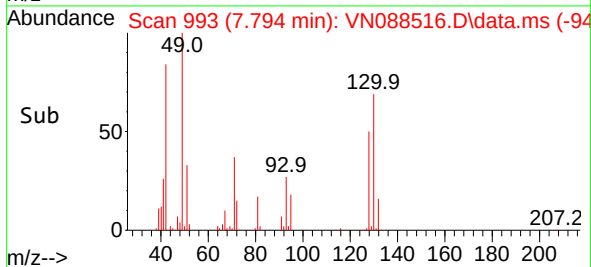
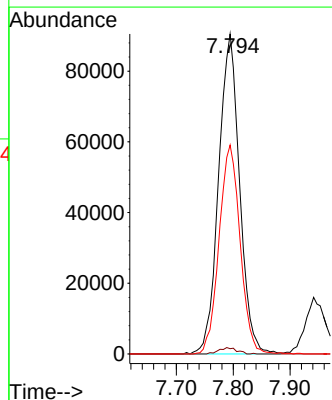
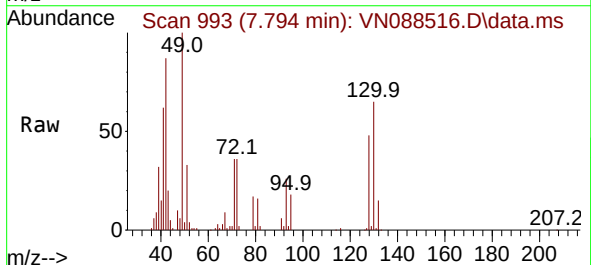
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

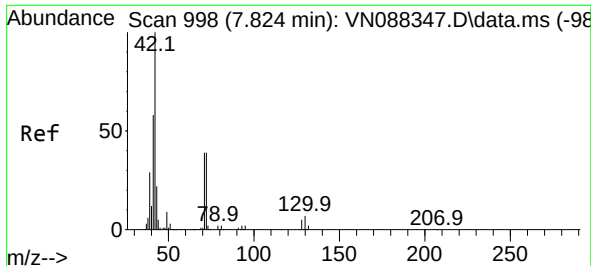
Tgt Ion: 96 Resp: 261624
 Ion Ratio Lower Upper
 96 100
 61 163.2 0.0 323.6
 98 64.4 0.0 127.2



#28
 Bromochloromethane
 Concen: 48.534 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088516.D
 Acq: 16 Dec 2025 10:23

Tgt Ion: 49 Resp: 232531
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 65.3 51.1 76.7





#29

Tetrahydrofuran

Concen: 236.561 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.006 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

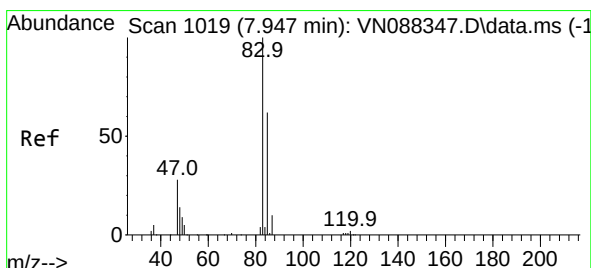
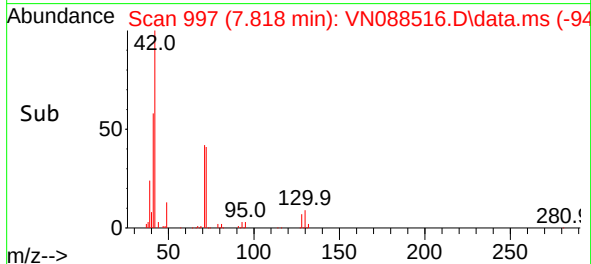
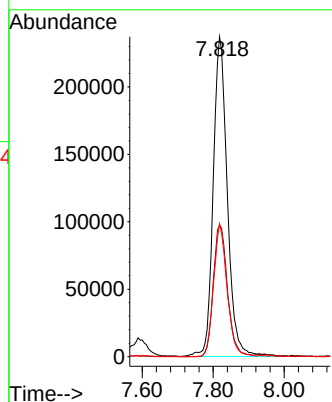
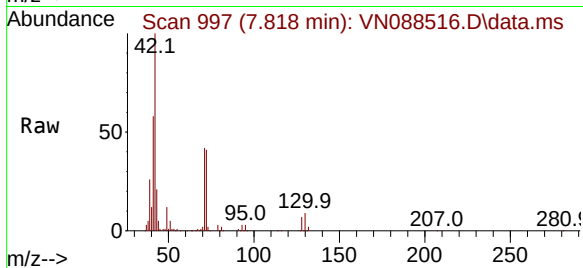
Tgt Ion: 42 Resp: 653751

Ion Ratio Lower Upper

42 100

72 41.6 32.2 48.4

71 39.8 31.1 46.7



#30

Chloroform

Concen: 48.721 ug/l

RT: 7.941 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VN088516.D

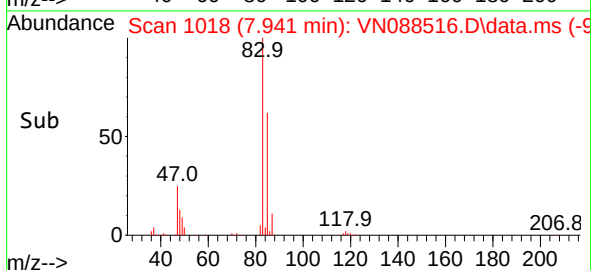
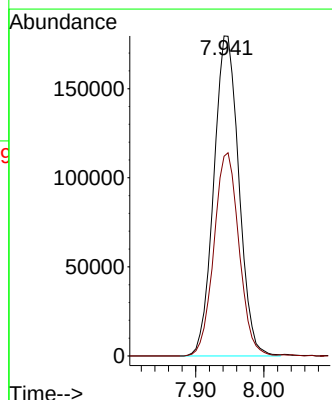
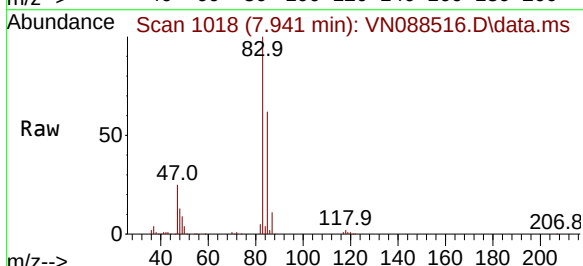
Acq: 16 Dec 2025 10:23

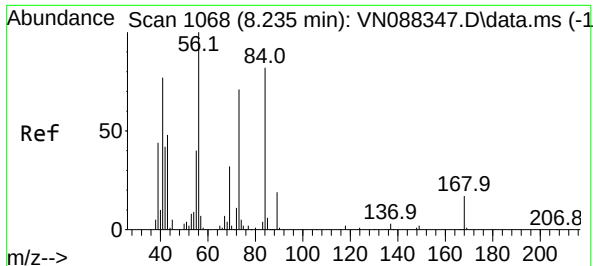
Tgt Ion: 83 Resp: 460432

Ion Ratio Lower Upper

83 100

85 62.4 49.8 74.8

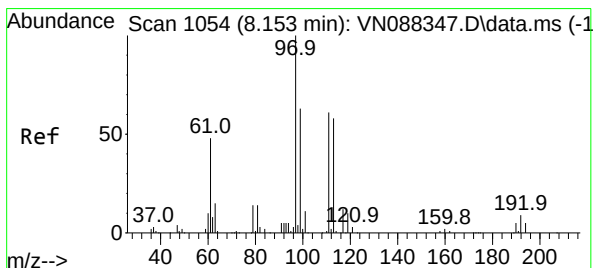
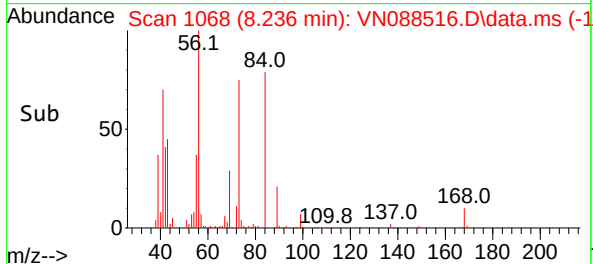
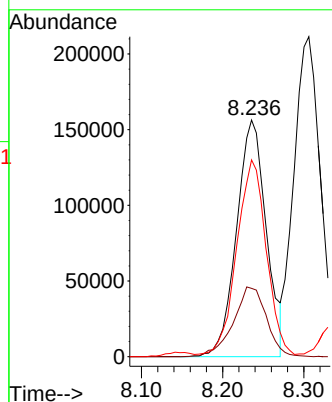
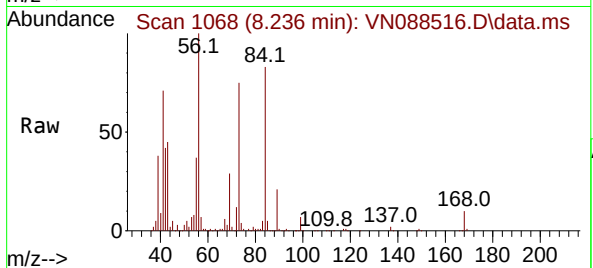




#31
Cyclohexane
Concen: 45.626 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

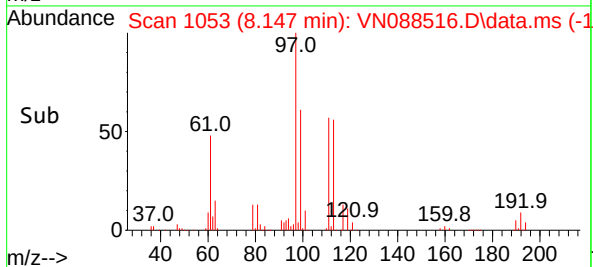
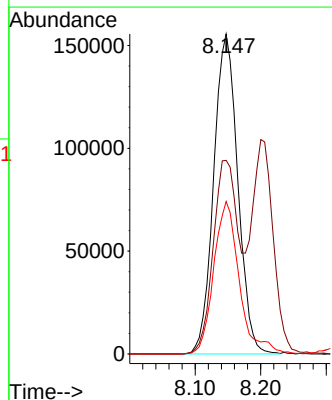
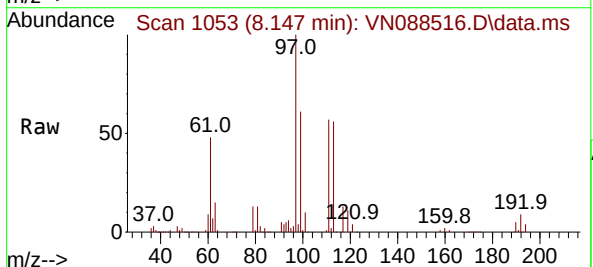
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

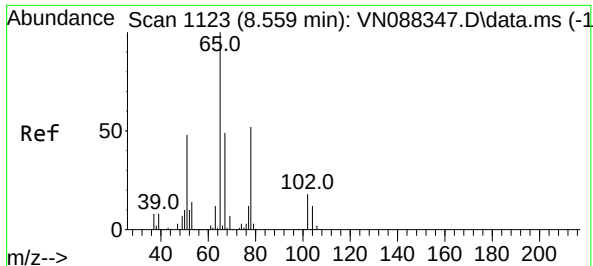
Tgt Ion: 56 Resp: 397657
Ion Ratio Lower Upper
56 100
69 28.9 25.3 37.9
84 81.5 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 47.788 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 97 Resp: 397085
Ion Ratio Lower Upper
97 100
99 60.9 50.8 76.2
61 50.5 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 47.650 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

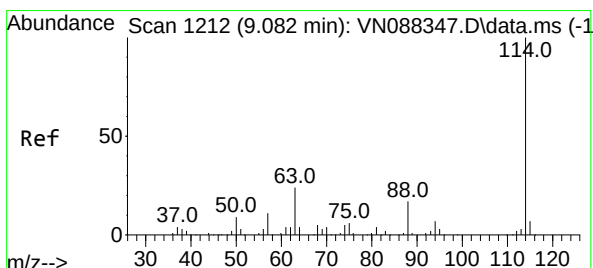
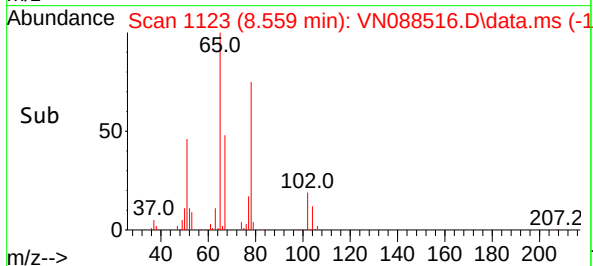
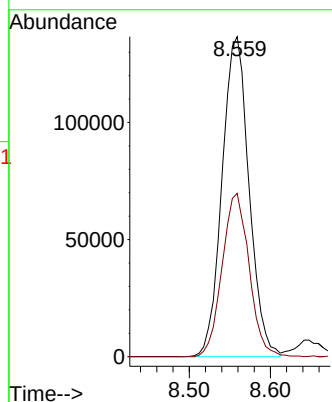
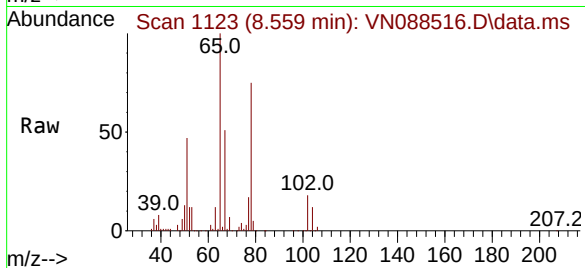
VSTDCCC050

Tgt Ion: 65 Resp: 315776

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

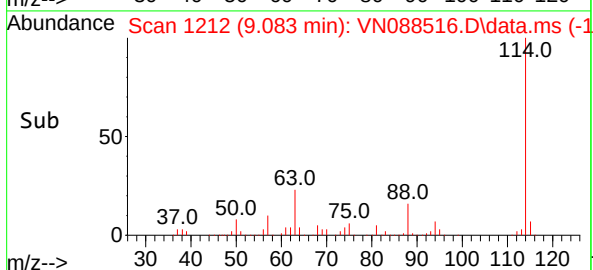
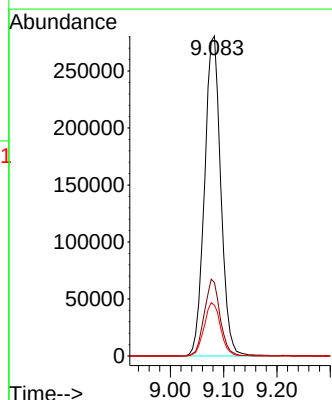
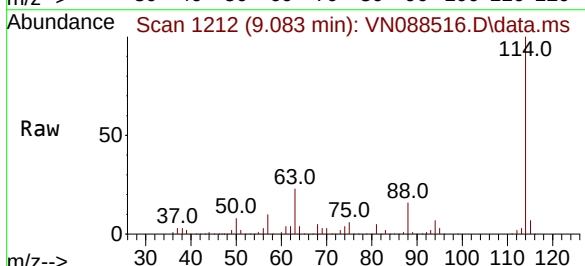
Tgt Ion: 114 Resp: 593462

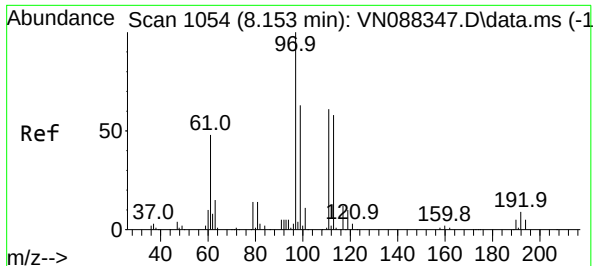
Ion Ratio Lower Upper

114 100

63 22.9 0.0 49.0

88 15.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 53.492 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

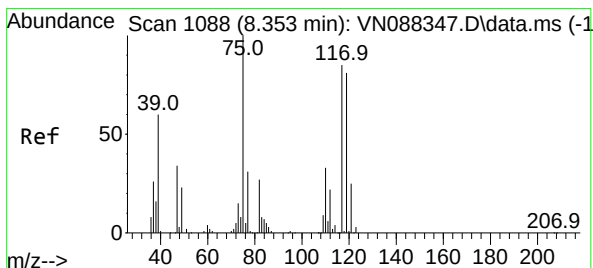
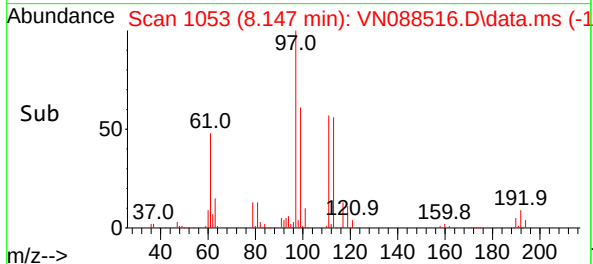
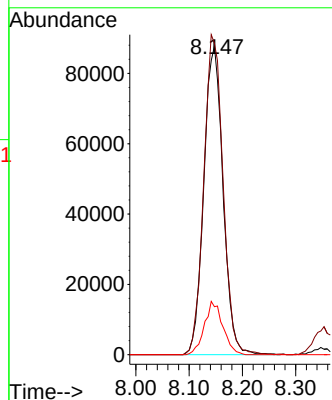
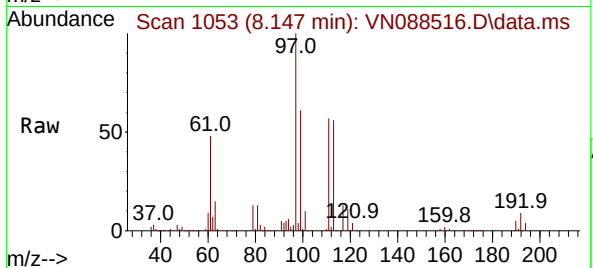
Tgt Ion:113 Resp: 219996

Ion Ratio Lower Upper

113 100

111 103.8 82.5 123.7

192 16.6 12.8 19.2



#36

1,1-Dichloropropene

Concen: 48.911 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

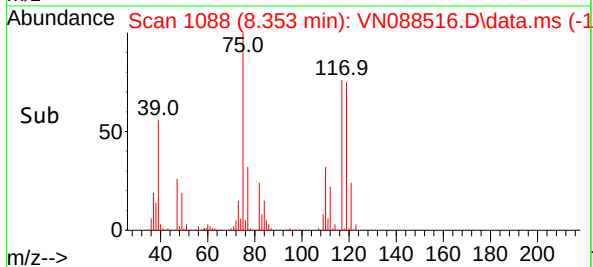
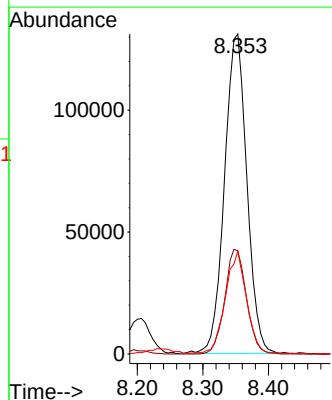
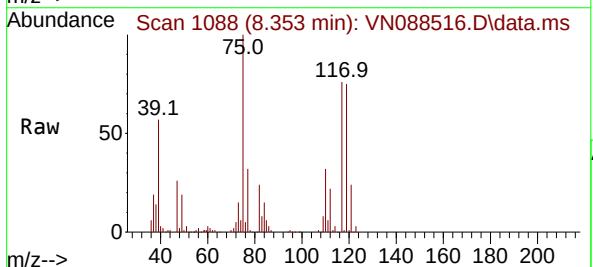
Tgt Ion: 75 Resp: 310450

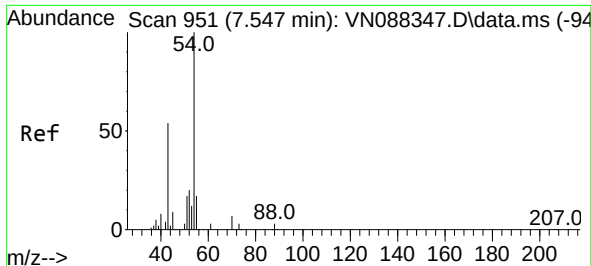
Ion Ratio Lower Upper

75 100

110 31.6 15.8 47.4

77 30.7 24.2 36.2

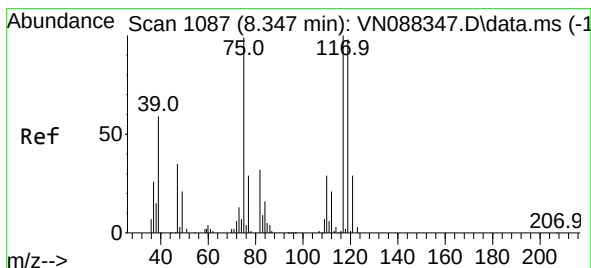
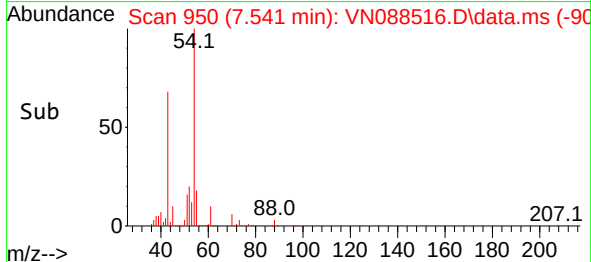
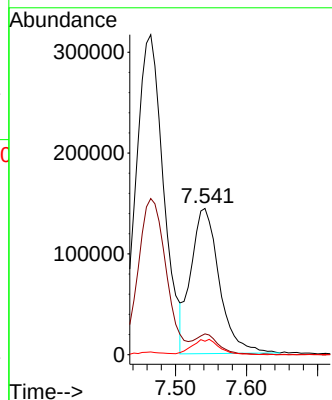
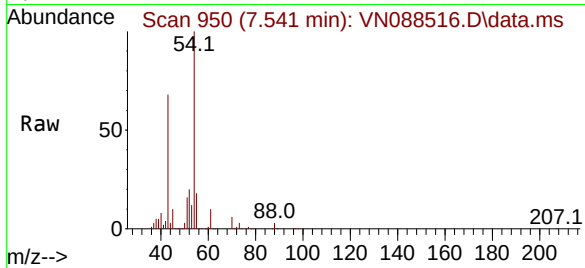




#37
Ethyl Acetate
Concen: 47.942 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

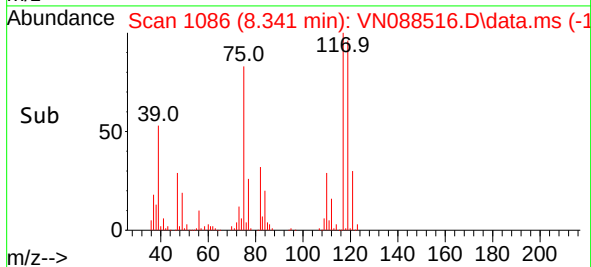
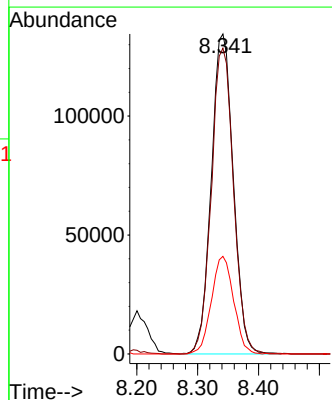
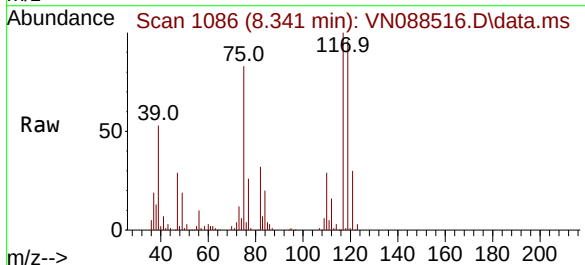
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

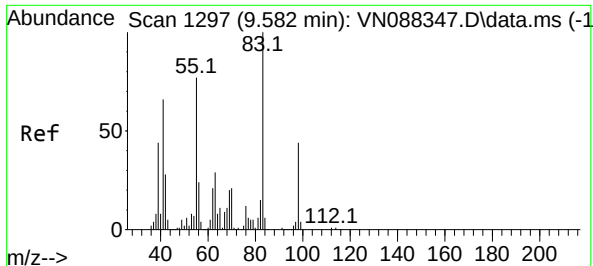
Tgt Ion: 43 Resp: 400112
Ion Ratio Lower Upper
43 100
61 12.0 9.5 14.3
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.488 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 117 Resp: 337968
Ion Ratio Lower Upper
117 100
119 95.5 78.2 117.4
121 30.5 23.4 35.2

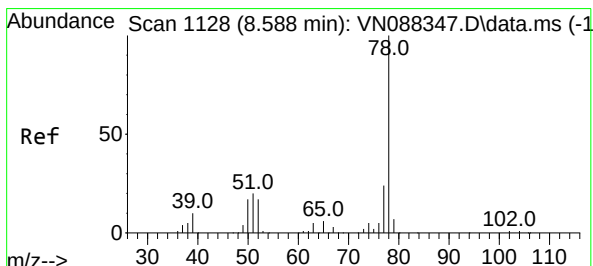
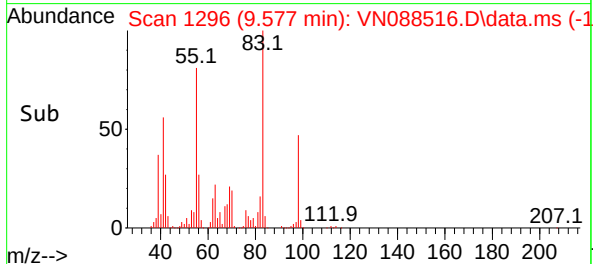
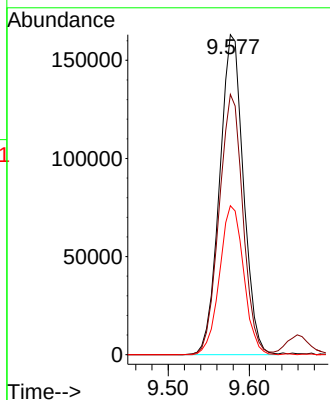
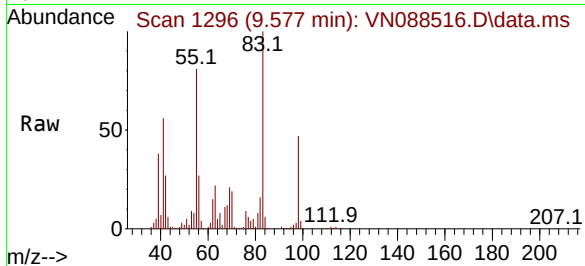




#39
Methylcyclohexane
Concen: 49.072 ug/l
RT: 9.577 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

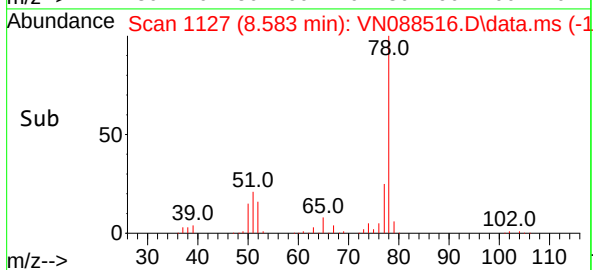
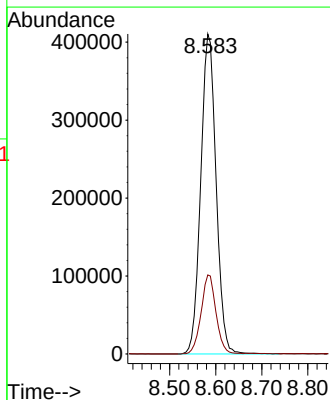
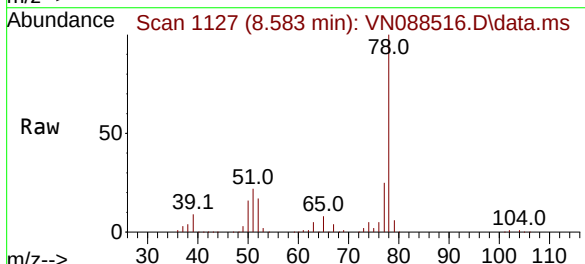
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

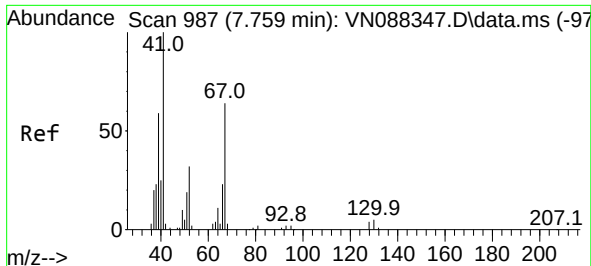
Tgt Ion: 83 Resp: 333156
Ion Ratio Lower Upper
83 100
55 81.4 61.6 92.4
98 46.6 35.3 52.9



#40
Benzene
Concen: 51.242 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 78 Resp: 954591
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4

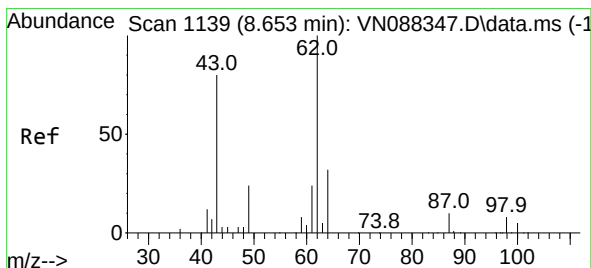
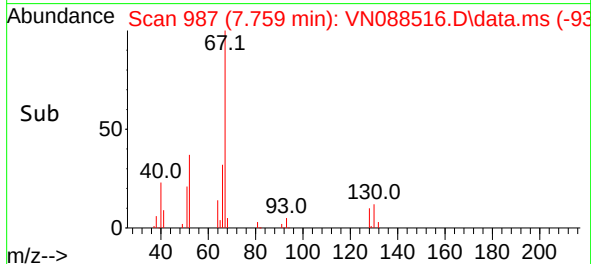
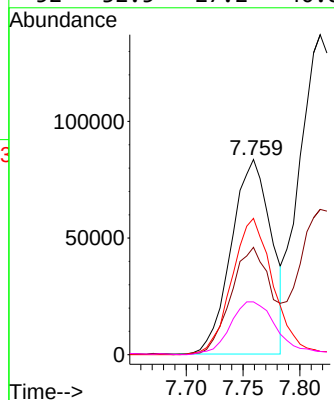
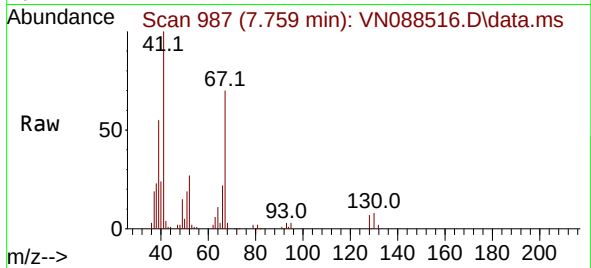




#41
Methacrylonitrile
Concen: 49.379 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

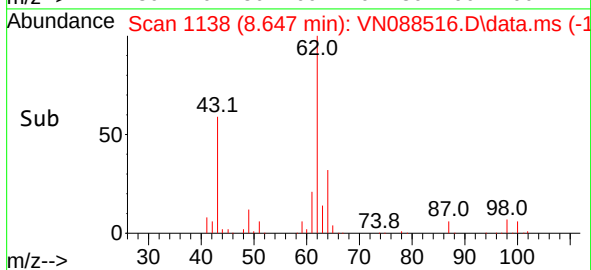
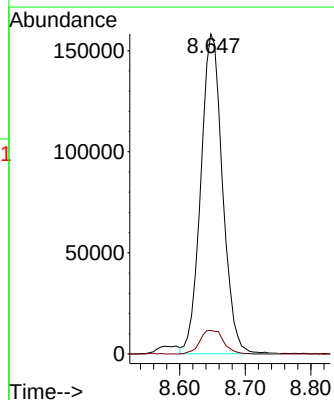
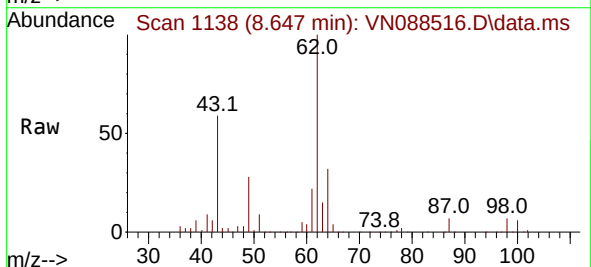
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

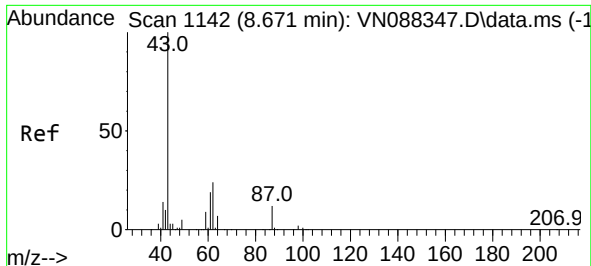
Tgt Ion:	41	Resp:	204112
Ion	Ratio	Lower	Upper
41	100		
39	55.5	46.3	69.5
67	73.5	54.7	82.1
52	32.5	27.2	40.8



#42
1,2-Dichloroethane
Concen: 51.409 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion:	62	Resp:	365384
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2

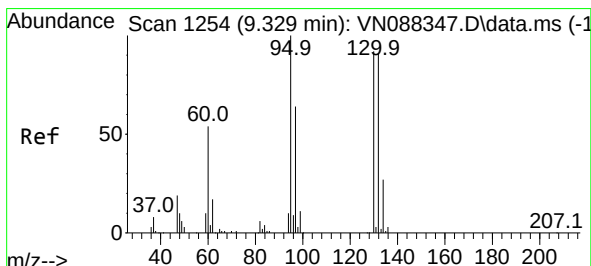
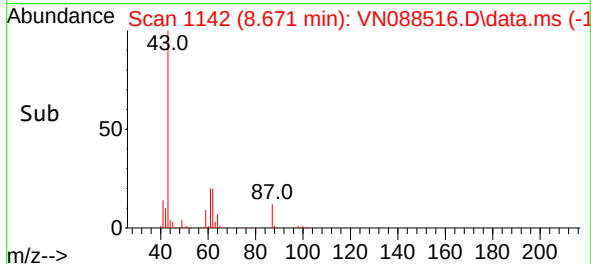
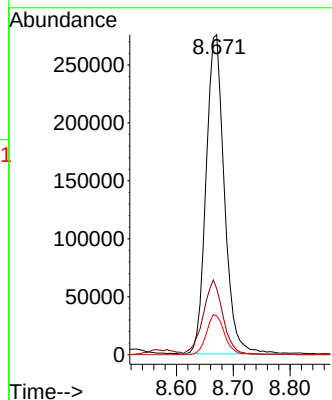
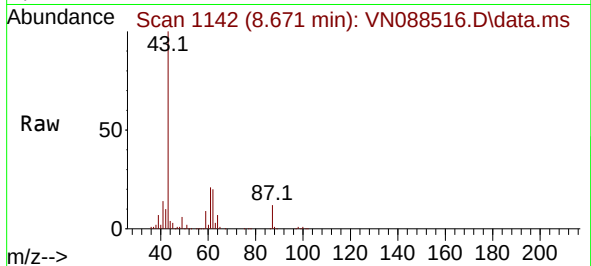




#43
Isopropyl Acetate
Concen: 48.186 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

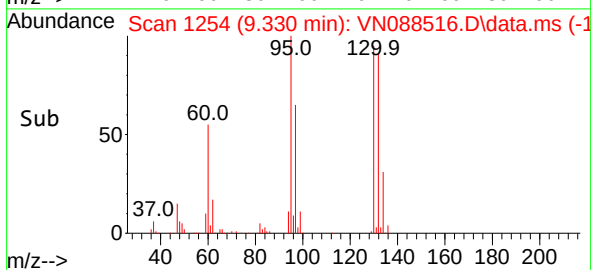
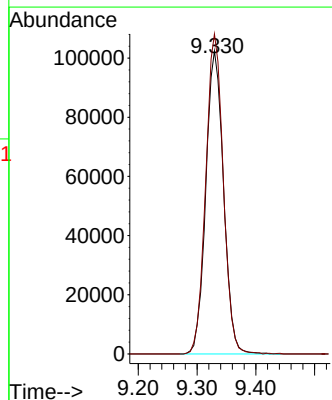
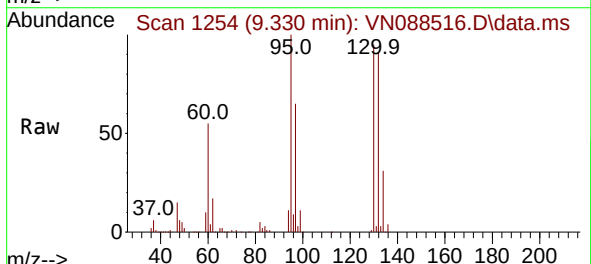
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

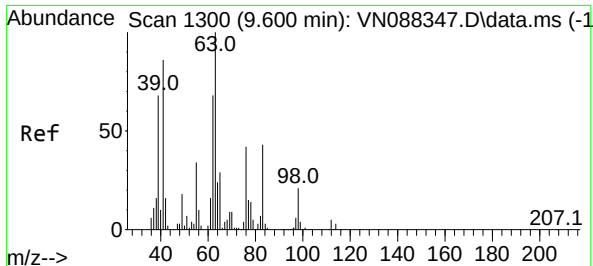
Tgt Ion: 43 Resp: 614439
Ion Ratio Lower Upper
43 100
61 25.1 18.7 28.1
87 12.3 9.1 13.7



#44
Trichloroethene
Concen: 48.751 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion:130 Resp: 214588
Ion Ratio Lower Upper
130 100
95 105.6 0.0 217.0

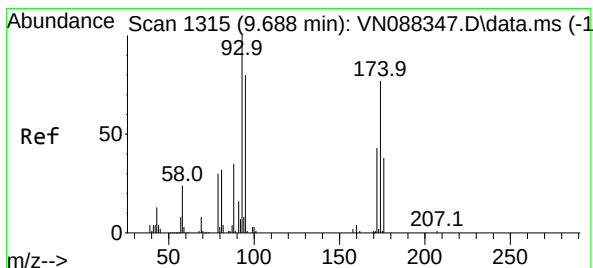
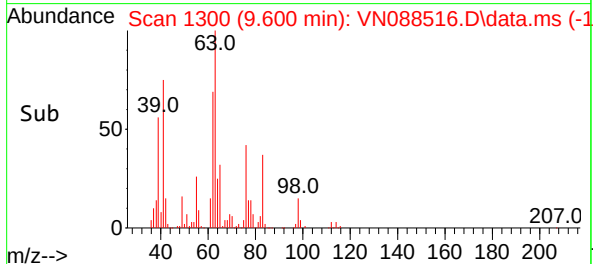
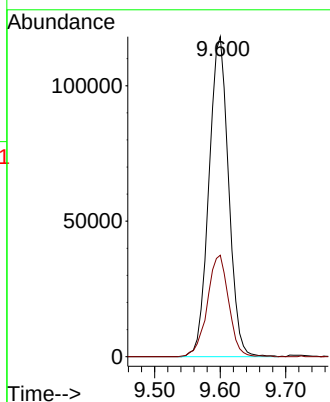
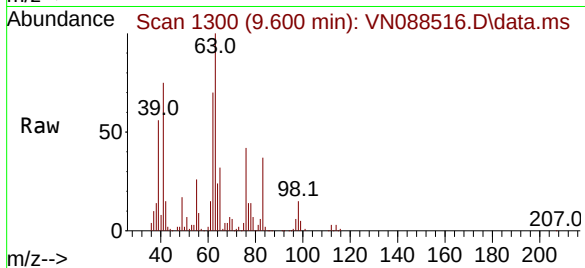




#45
1,2-Dichloropropane
Concen: 51.484 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

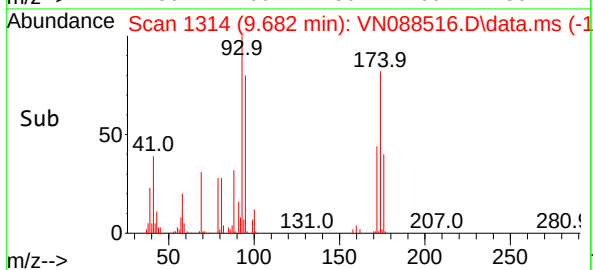
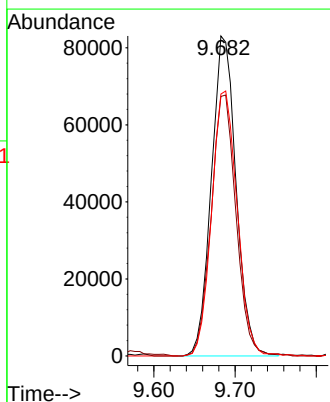
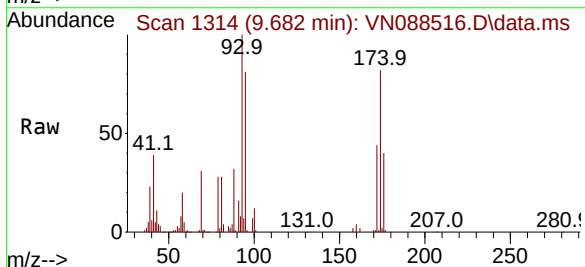
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

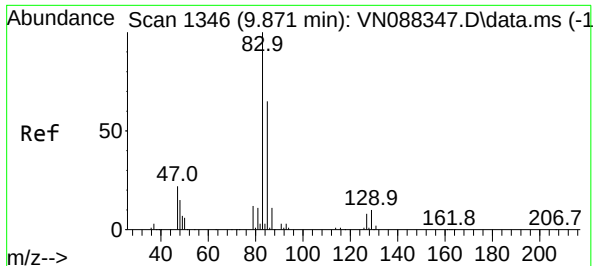
Tgt Ion: 63 Resp: 245729
Ion Ratio Lower Upper
63 100
65 31.7 23.0 34.4



#46
Dibromomethane
Concen: 51.511 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 93 Resp: 175460
Ion Ratio Lower Upper
93 100
95 82.4 65.8 98.6
174 85.8 64.3 96.5

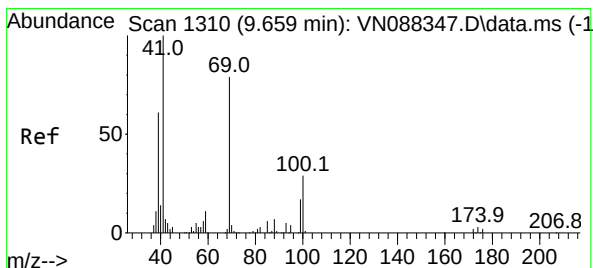
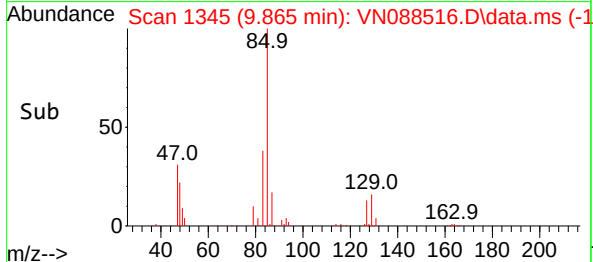
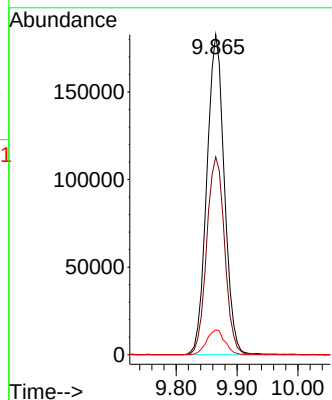
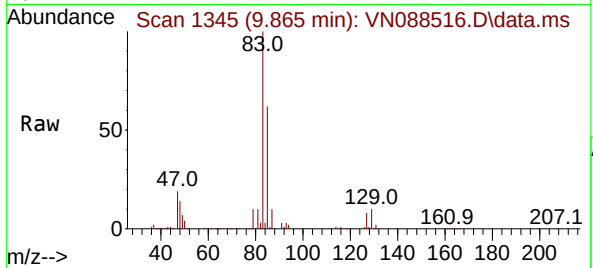




#47
Bromodichloromethane
Concen: 52.406 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

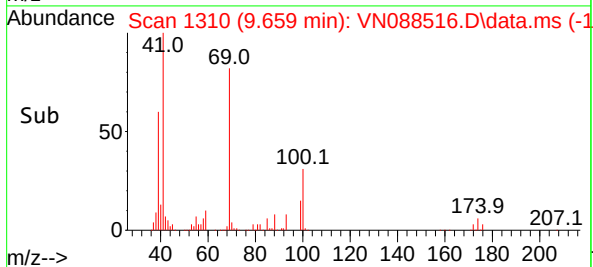
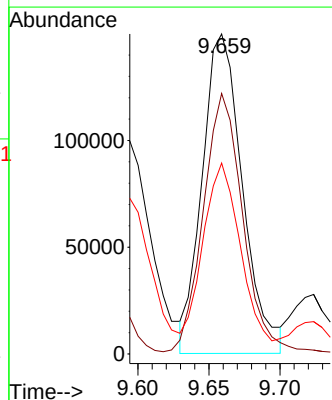
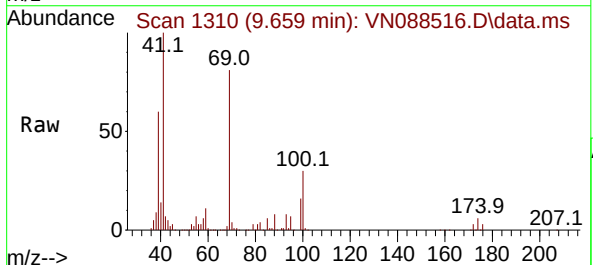
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

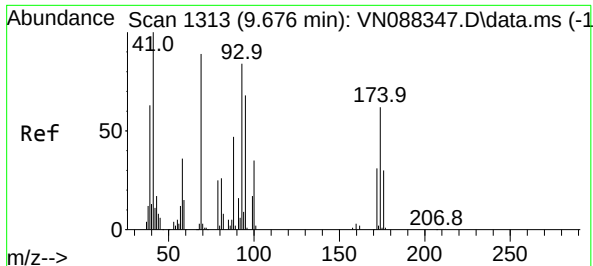
Tgt Ion: 83 Resp: 364226
Ion Ratio Lower Upper
83 100
85 61.8 51.9 77.9
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 50.641 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 41 Resp: 294632
Ion Ratio Lower Upper
41 100
69 80.7 62.4 93.6
39 57.2 52.6 79.0





#49

1,4-Dioxane

Concen: 885.785 ug/l

RT: 9.677 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

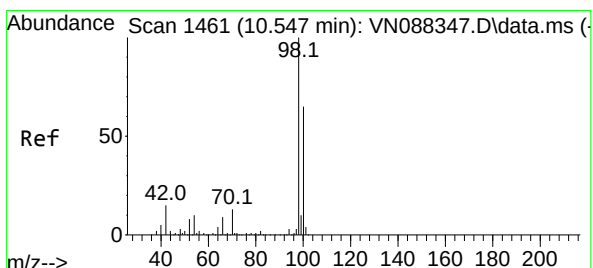
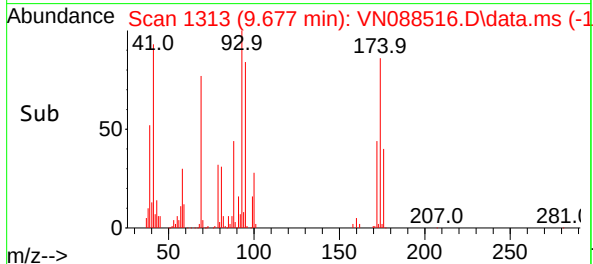
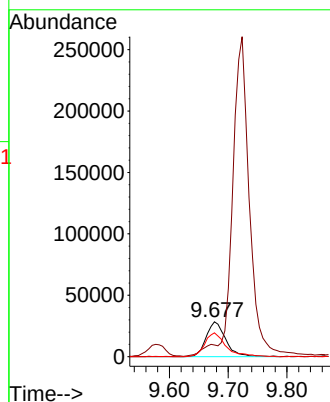
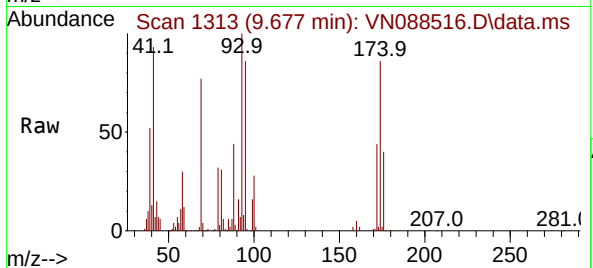
Tgt Ion: 88 Resp: 65539

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.7 62.0 93.0



#50

Toluene-d8

Concen: 52.596 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088516.D

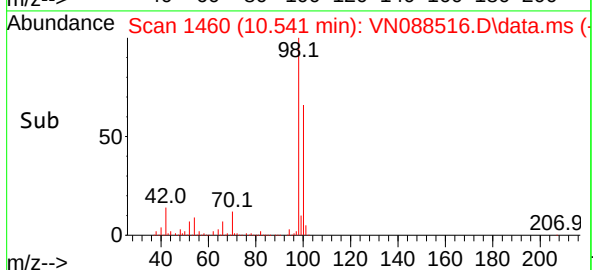
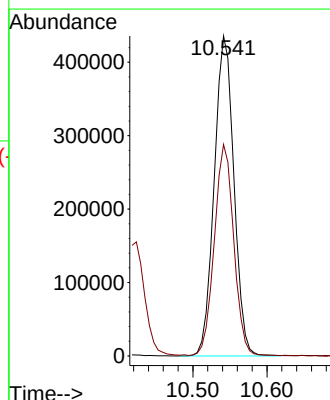
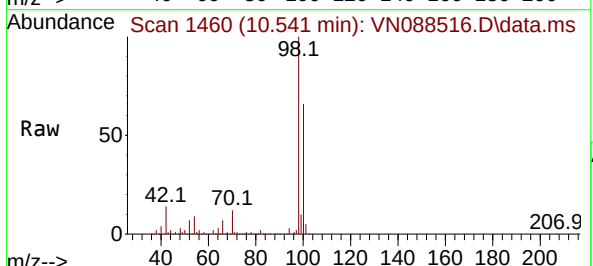
Acq: 16 Dec 2025 10:23

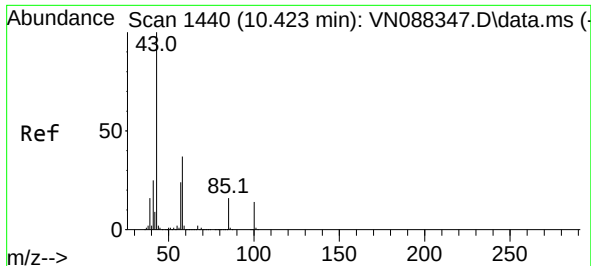
Tgt Ion: 98 Resp: 804833

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

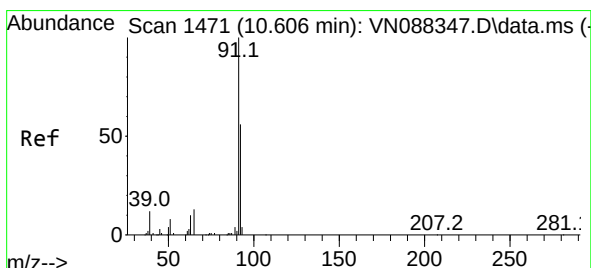
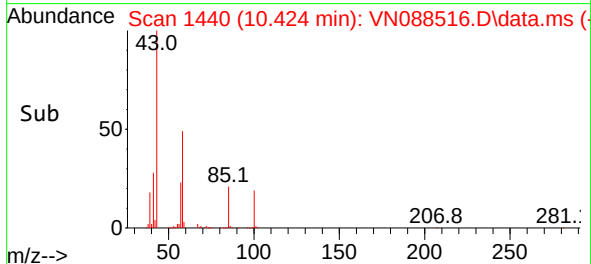
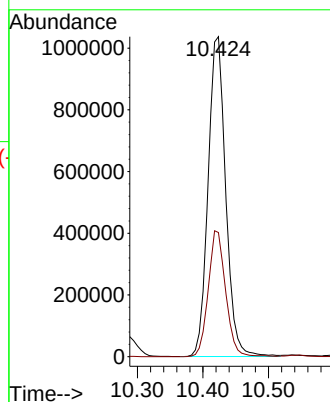
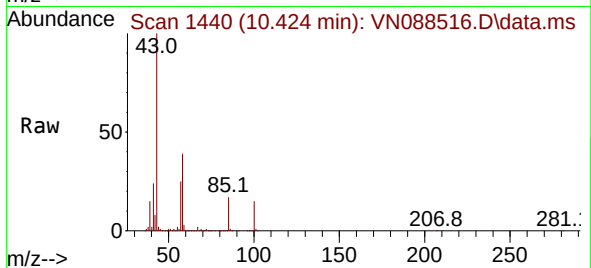




#51
4-Methyl-2-Pentanone
Concen: 258.234 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

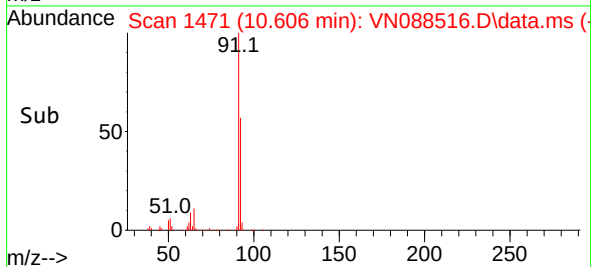
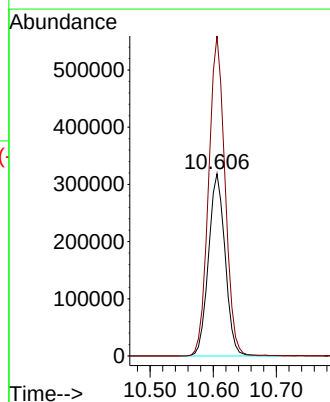
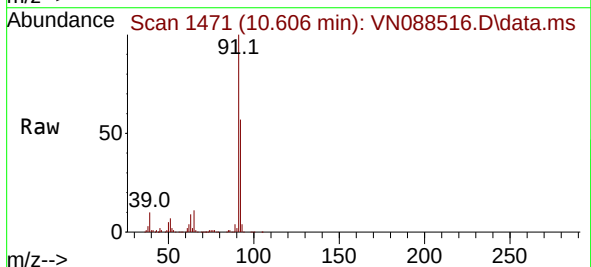
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

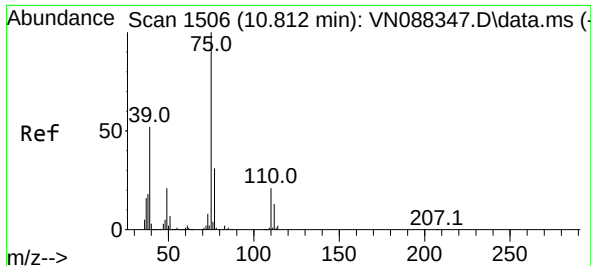
Tgt Ion: 43 Resp: 1940890
Ion Ratio Lower Upper
43 100
58 38.8 29.1 43.7



#52
Toluene
Concen: 53.956 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 92 Resp: 580392
Ion Ratio Lower Upper
92 100
91 174.4 140.2 210.2

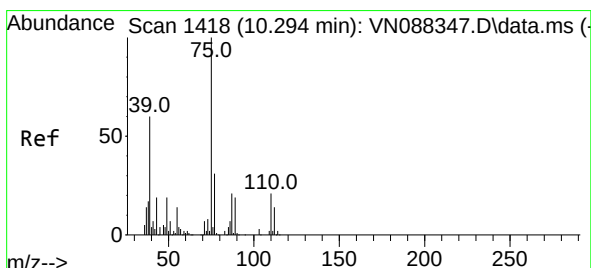
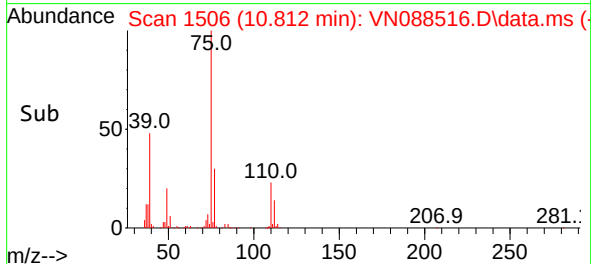
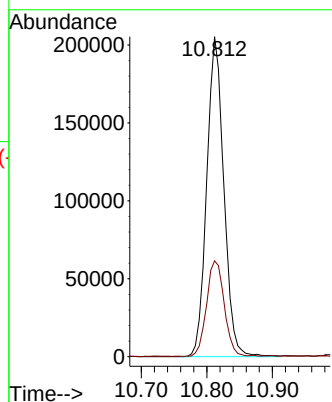
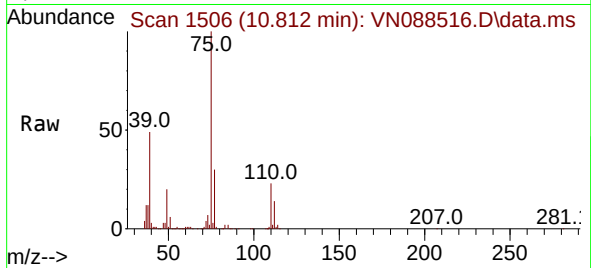




#53
 t-1,3-Dichloropropene
 Concen: 52.239 ug/l
 RT: 10.812 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN088516.D
 Acq: 16 Dec 2025 10:23

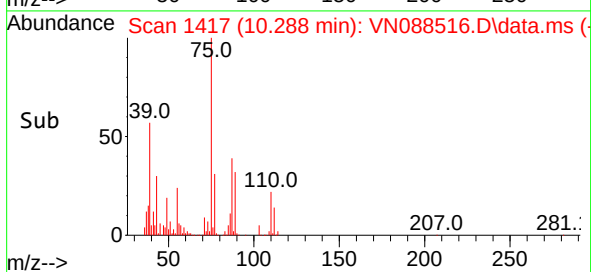
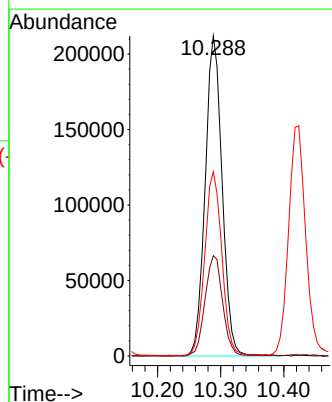
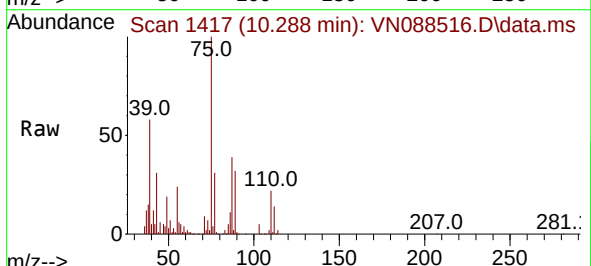
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

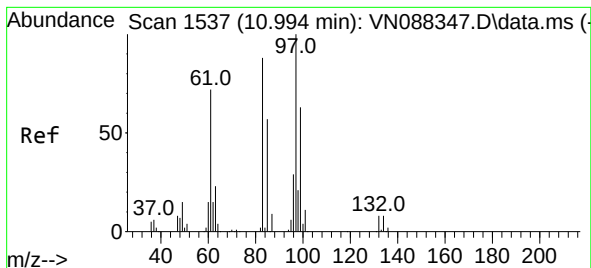
Tgt Ion: 75 Resp: 372668
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.566 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088516.D
 Acq: 16 Dec 2025 10:23

Tgt Ion: 75 Resp: 394355
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.5 36.7
 39 57.5 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 53.775 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 223799

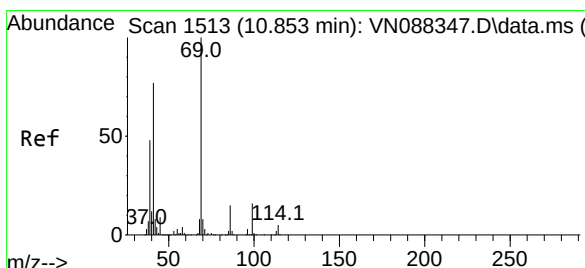
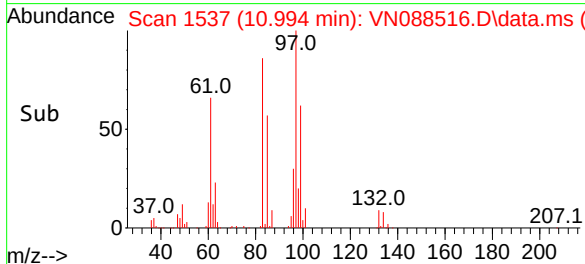
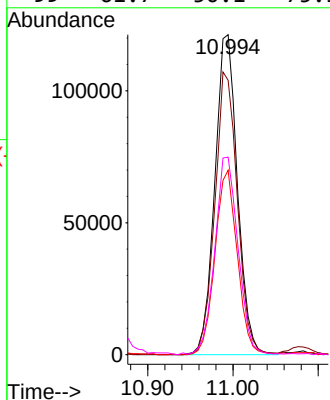
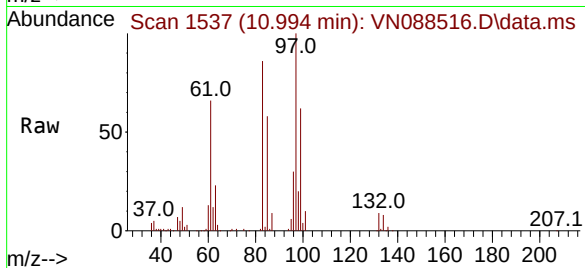
Ion Ratio Lower Upper

97 100

83 85.8 70.4 105.6

85 57.7 45.4 68.2

99 61.7 50.1 75.1



#56

Ethyl methacrylate

Concen: 56.390 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

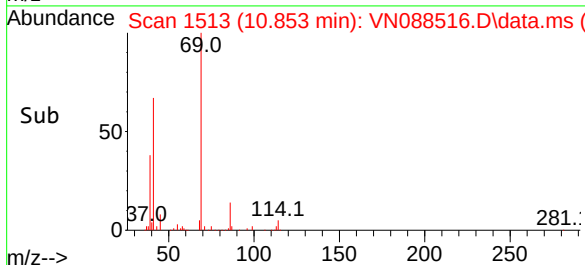
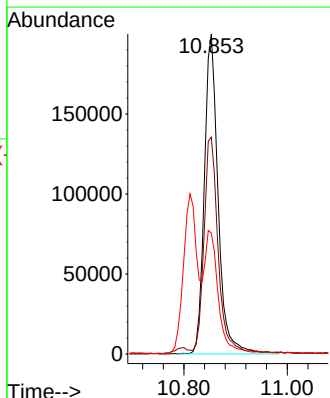
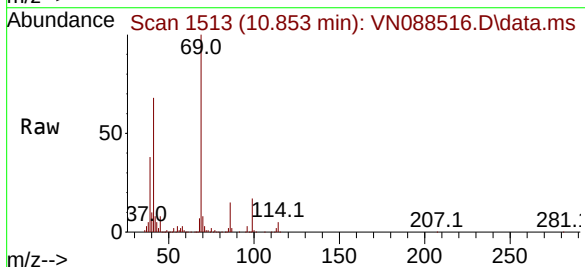
Tgt Ion: 69 Resp: 370707

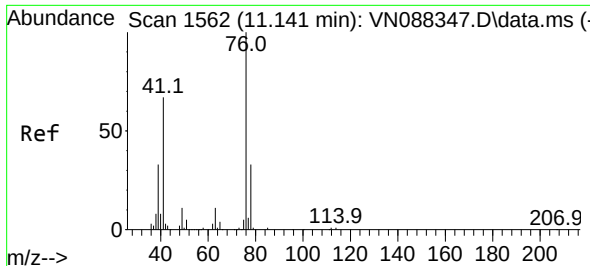
Ion Ratio Lower Upper

69 100

41 68.9 59.6 89.4

39 36.3 36.4 54.6#





#57

1,3-Dichloropropane

Concen: 53.307 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

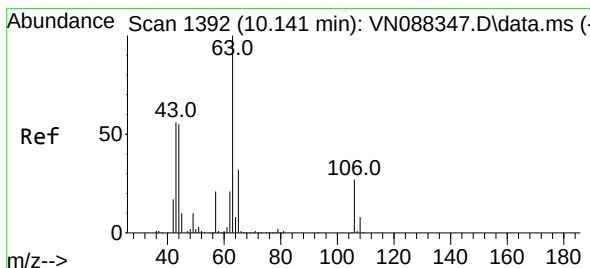
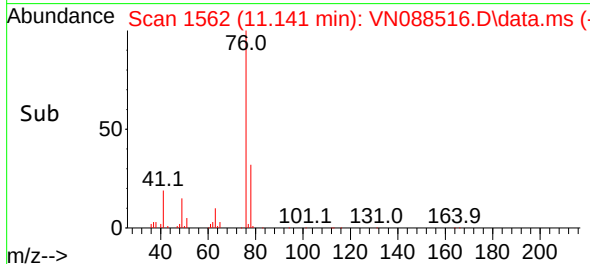
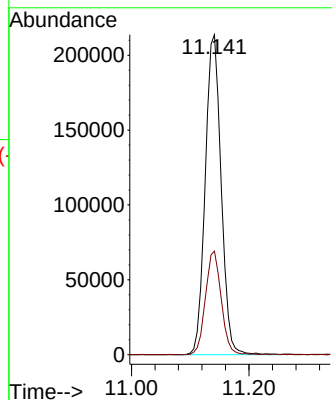
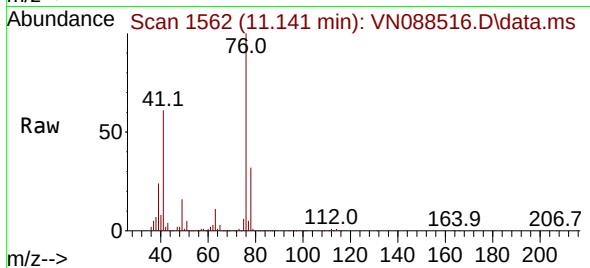
VSTDCCC050

Tgt Ion: 76 Resp: 400225

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 281.904 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088516.D

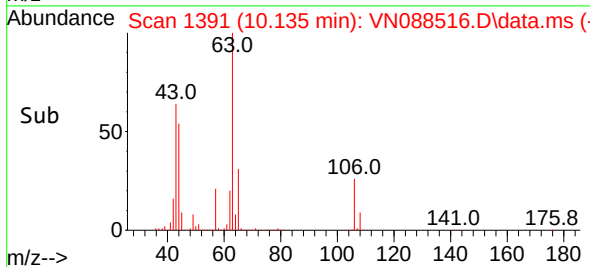
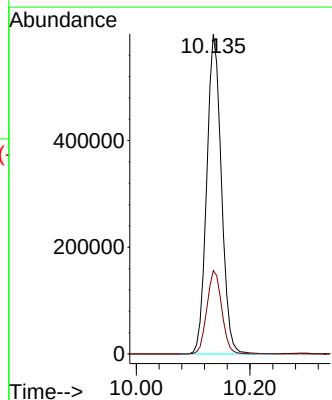
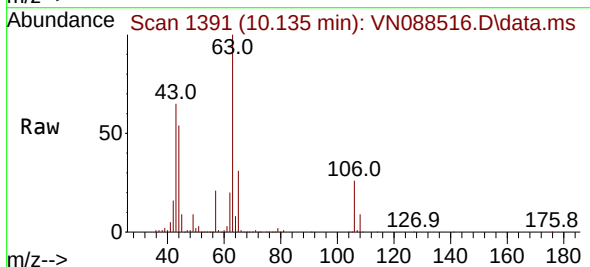
Acq: 16 Dec 2025 10:23

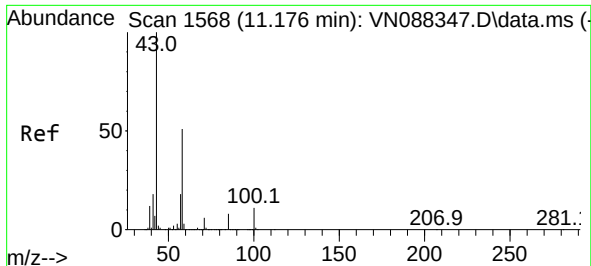
Tgt Ion: 63 Resp: 1068417

Ion Ratio Lower Upper

63 100

106 26.5 20.5 30.7

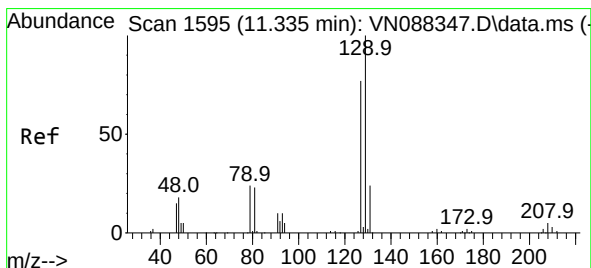
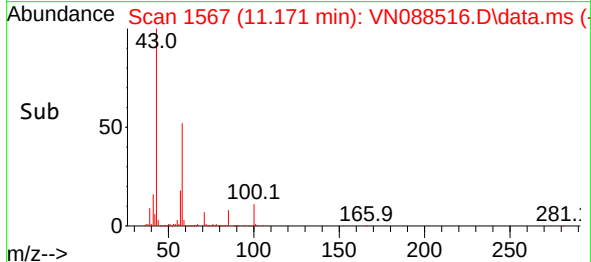
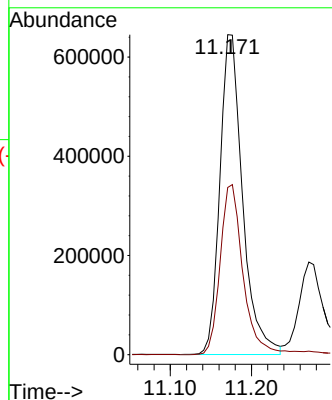
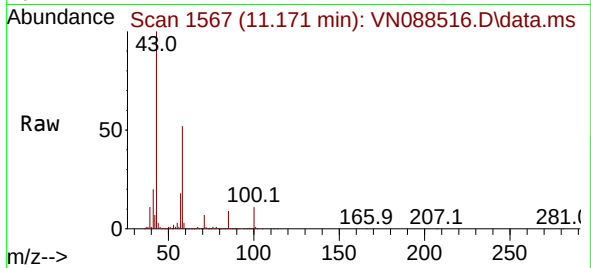




#59
2-Hexanone
Concen: 264.999 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

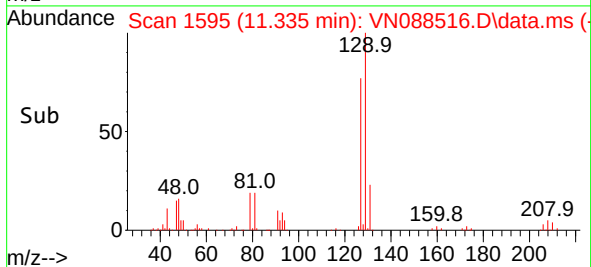
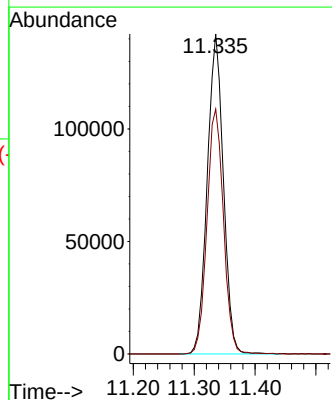
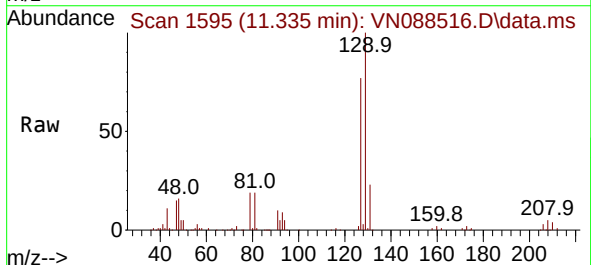
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

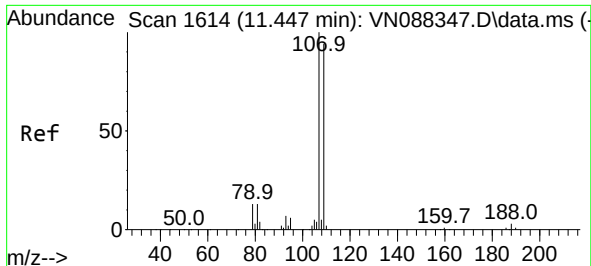
Tgt Ion: 43 Resp: 1254703
Ion Ratio Lower Upper
43 100
58 55.1 25.3 75.9



#60
Dibromochloromethane
Concen: 55.096 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion:129 Resp: 261398
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6

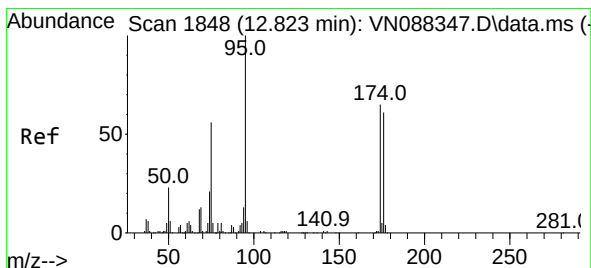
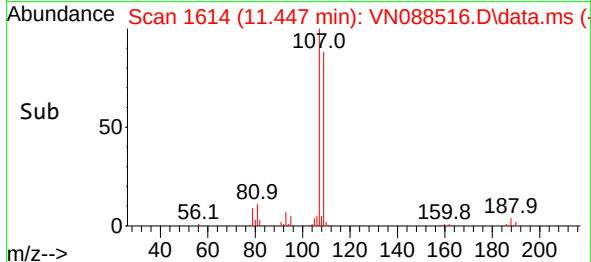
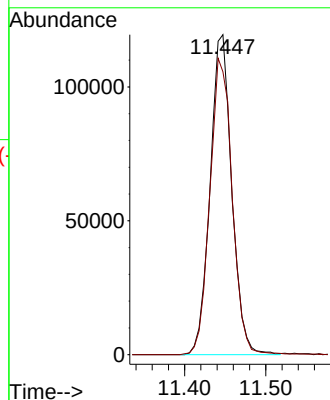
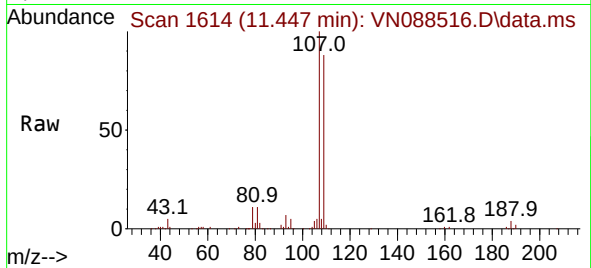




#61
1,2-Dibromoethane
Concen: 52.488 ug/l
RT: 11.447 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

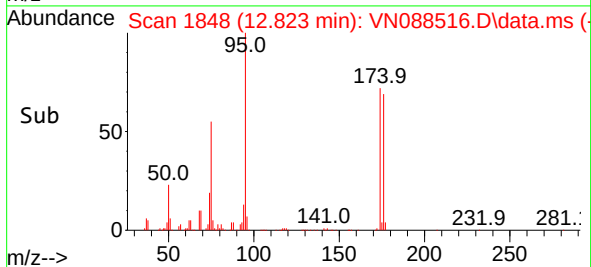
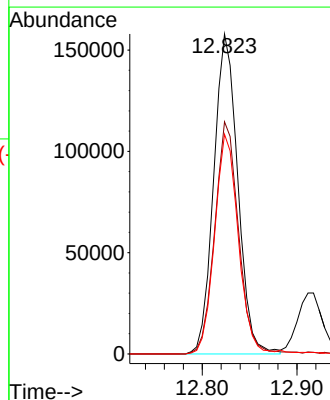
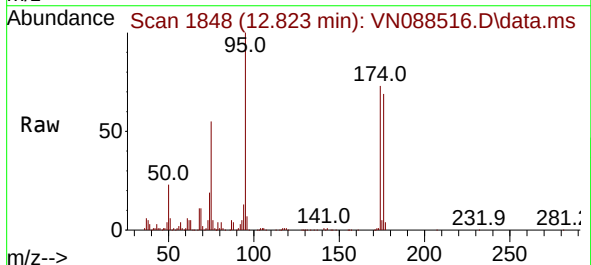
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

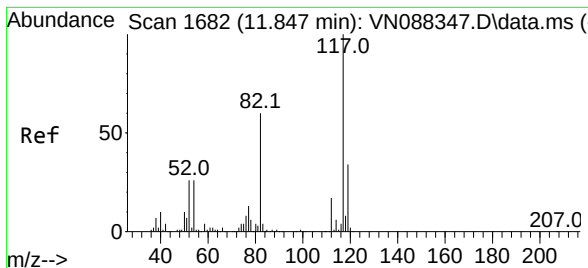
Tgt Ion:107 Resp: 221204
Ion Ratio Lower Upper
107 100
109 95.9 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 53.114 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 95 Resp: 278877
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.0
176 67.9 0.0 132.4

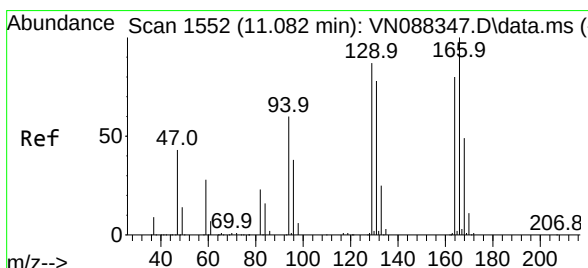
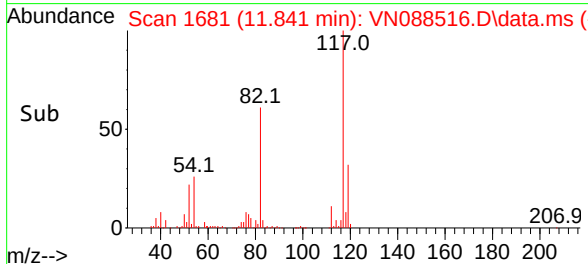
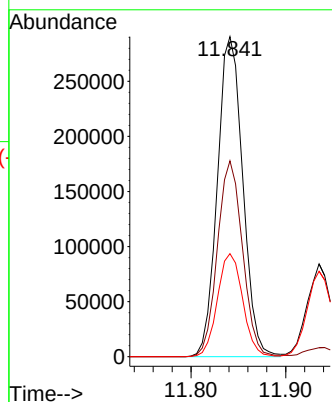
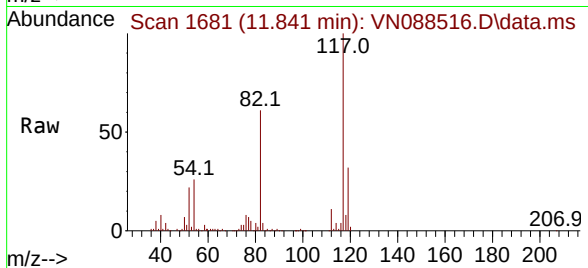




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

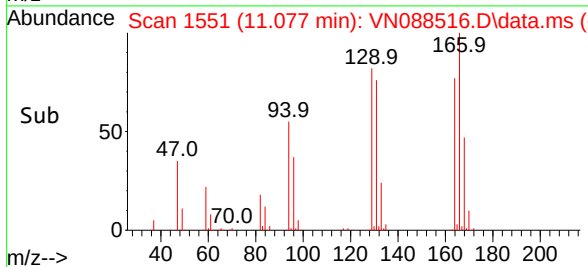
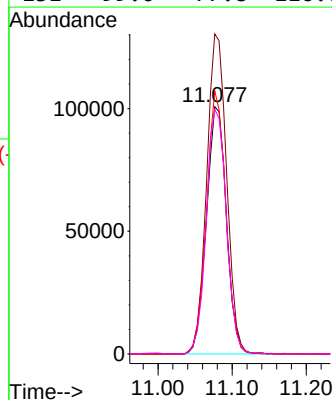
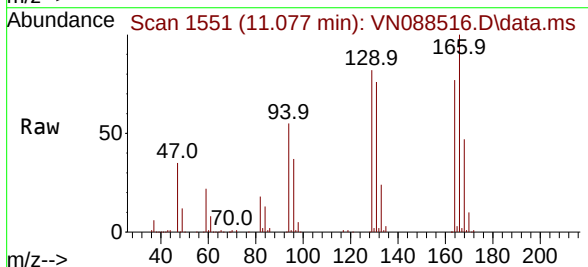
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

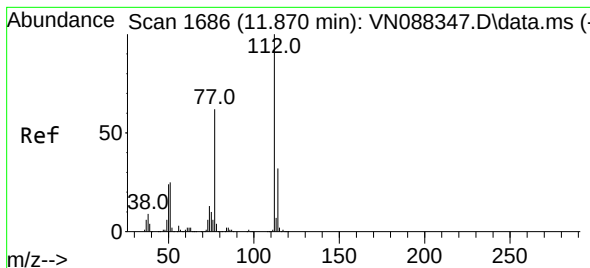
Tgt Ion:117 Resp: 542012
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 32.2 26.9 40.3



#64
Tetrachloroethene
Concen: 43.957 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion:164 Resp: 188878
Ion Ratio Lower Upper
164 100
166 129.5 99.6 149.4
129 106.4 86.6 129.8
131 99.0 77.8 116.6





#65

Chlorobenzene

Concen: 50.293 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

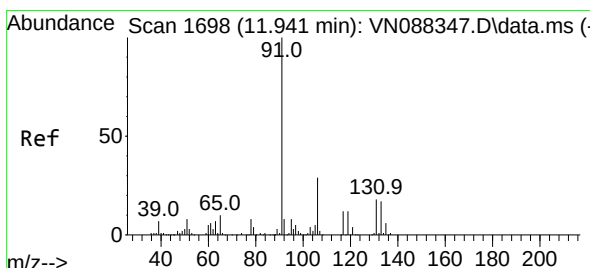
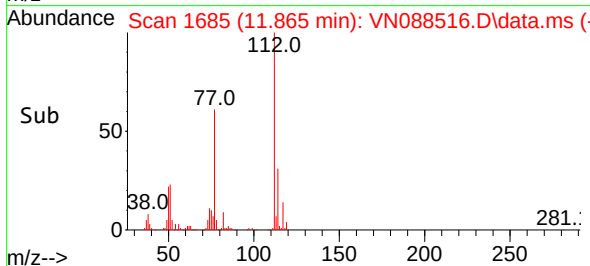
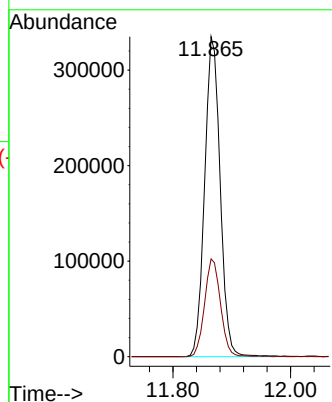
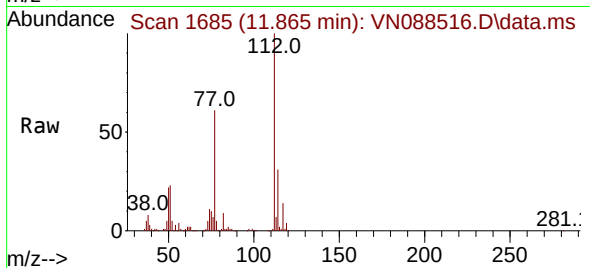
VSTDCCC050

Tgt Ion:112 Resp: 612296

Ion Ratio Lower Upper

112 100

114 30.5 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.434 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

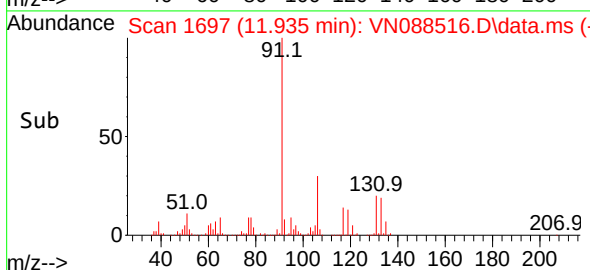
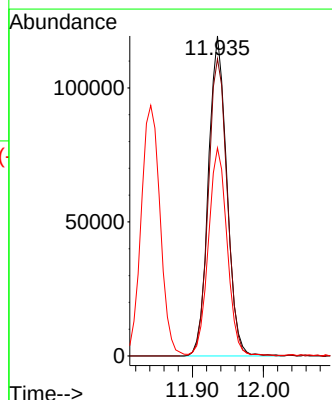
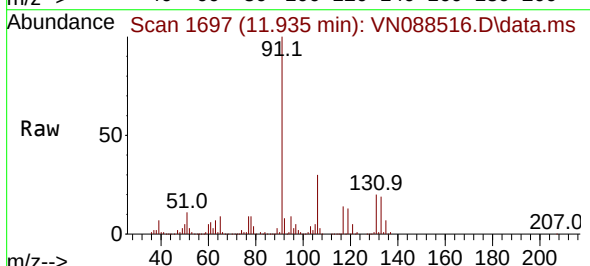
Tgt Ion:131 Resp: 215304

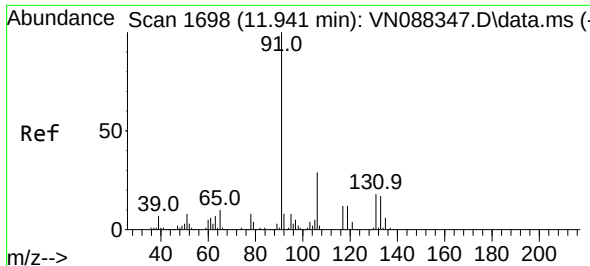
Ion Ratio Lower Upper

131 100

133 95.0 47.4 142.2

119 66.2 33.4 100.1

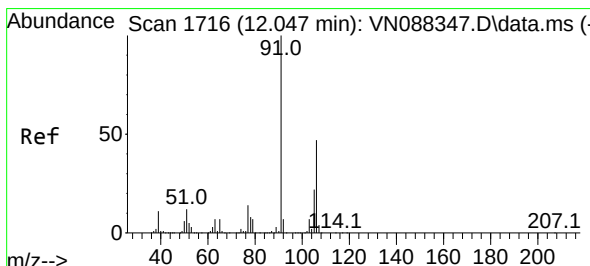
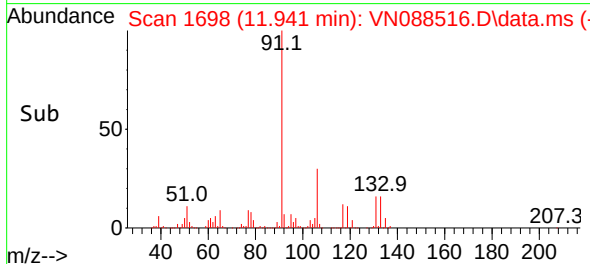
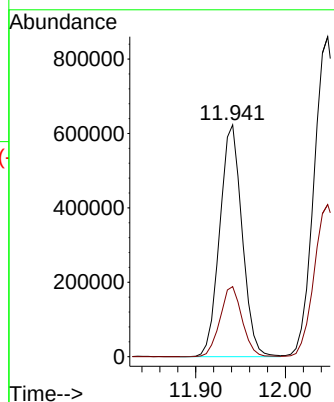
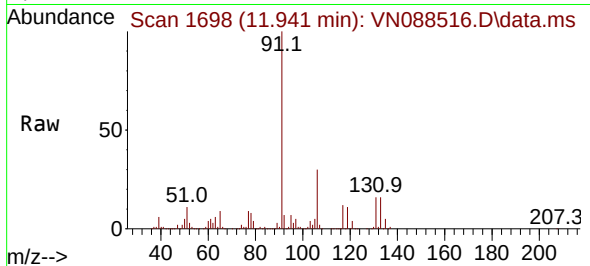




#67
Ethyl Benzene
Concen: 50.682 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

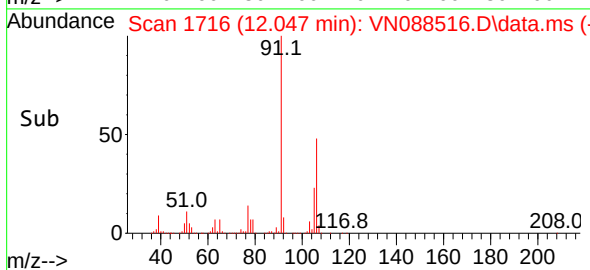
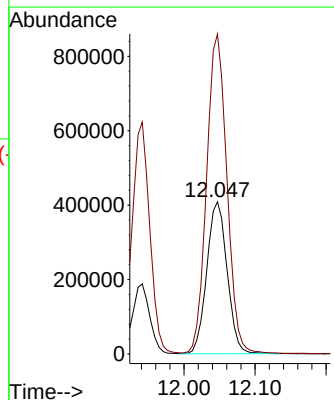
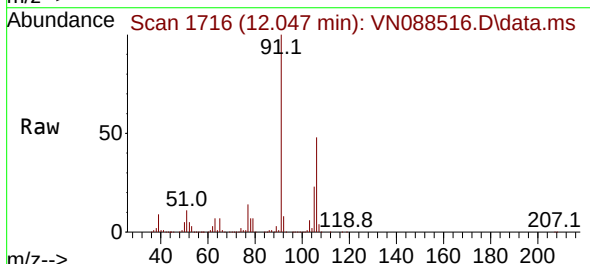
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

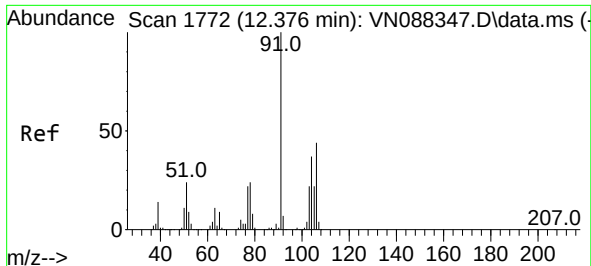
Tgt Ion: 91 Resp: 1078447
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4



#68
m/p-Xylenes
Concen: 103.083 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion:106 Resp: 813268
Ion Ratio Lower Upper
106 100
91 210.6 167.8 251.6

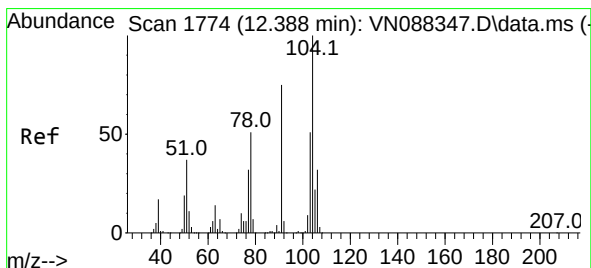
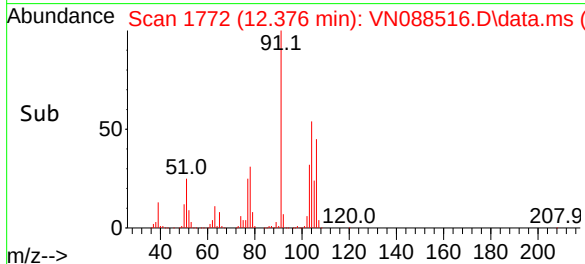
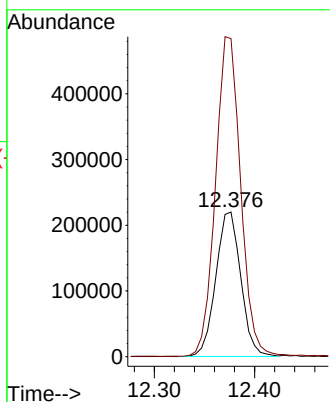
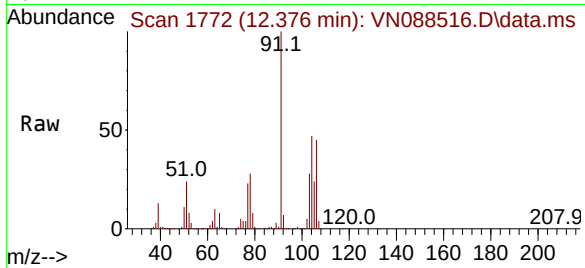




#69
o-Xylene
Concen: 50.568 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

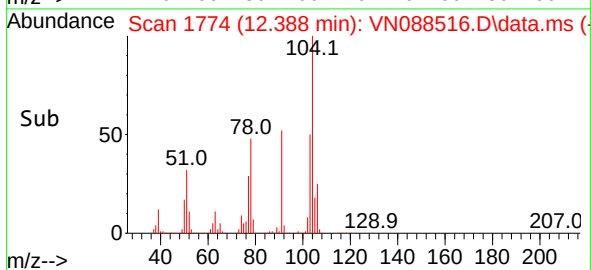
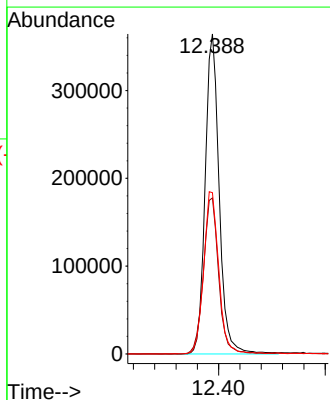
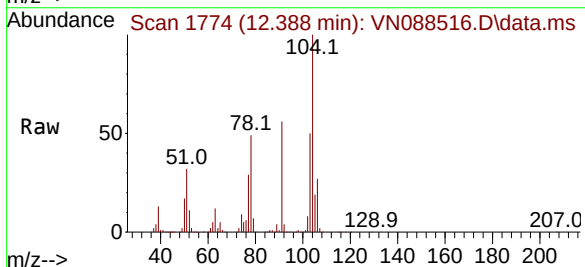
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

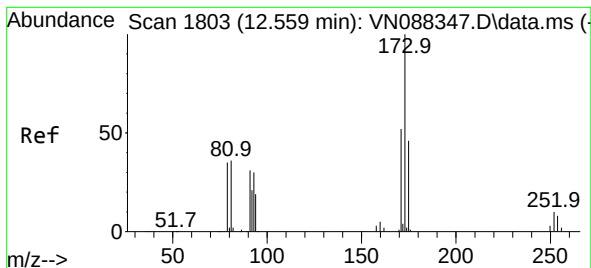
Tgt Ion:106 Resp: 380347
Ion Ratio Lower Upper
106 100
91 223.6 112.9 338.7



#70
Styrene
Concen: 54.454 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion:104 Resp: 665041
Ion Ratio Lower Upper
104 100
78 52.9 44.3 66.5
103 54.2 44.2 66.4





#71

Bromoform

Concen: 56.691 ug/l

RT: 12.553 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

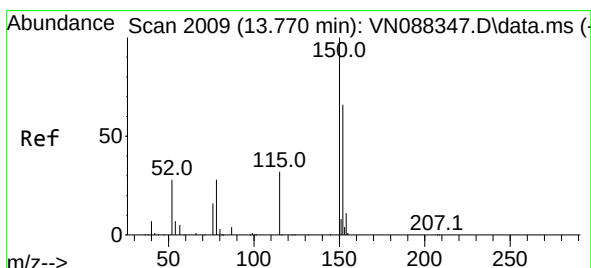
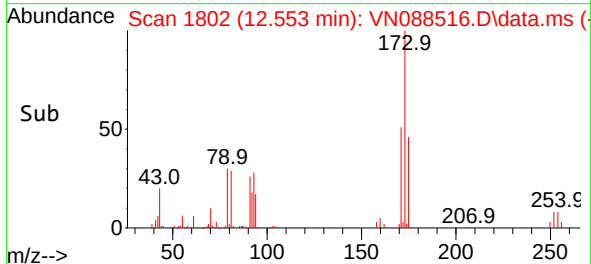
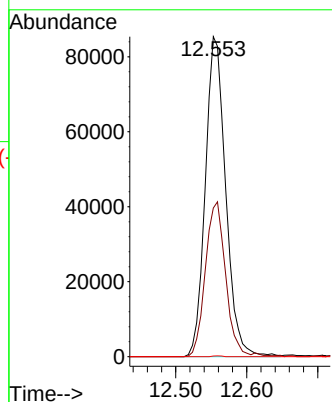
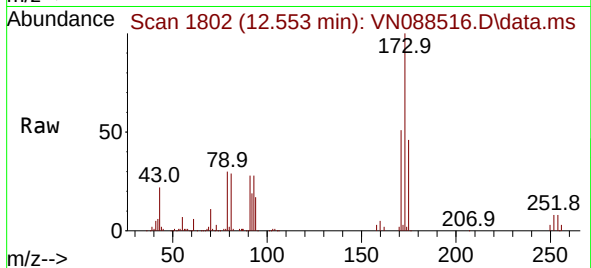
Tgt Ion:173 Resp: 170502

Ion Ratio Lower Upper

173 100

175 47.7 23.9 71.8

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.765 min Scan# 2008

Delta R.T. -0.006 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

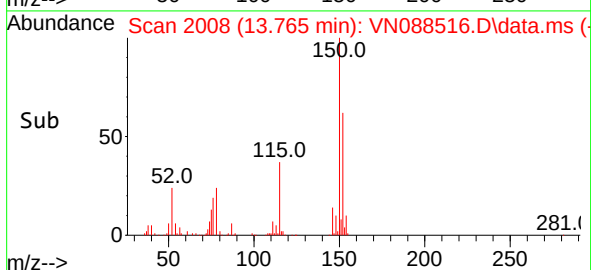
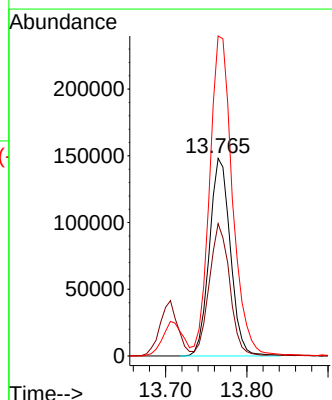
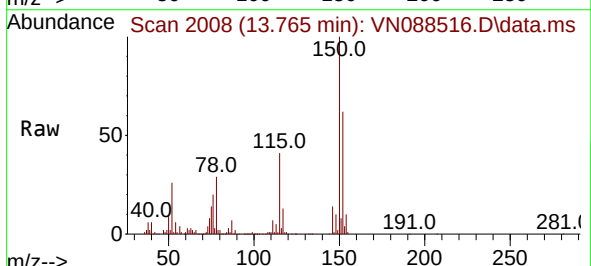
Tgt Ion:152 Resp: 266315

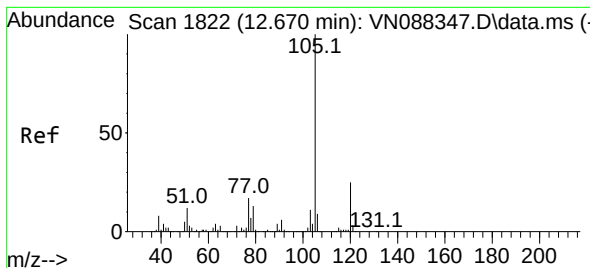
Ion Ratio Lower Upper

152 100

115 64.0 33.0 98.9

150 176.4 0.0 349.0





#73

Isopropylbenzene

Concen: 50.746 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

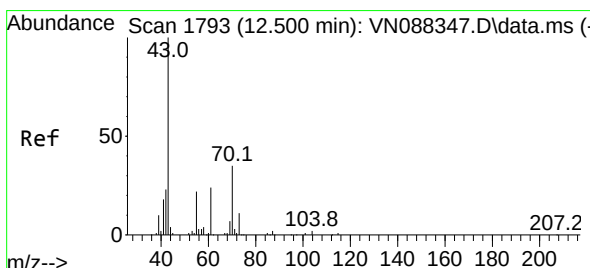
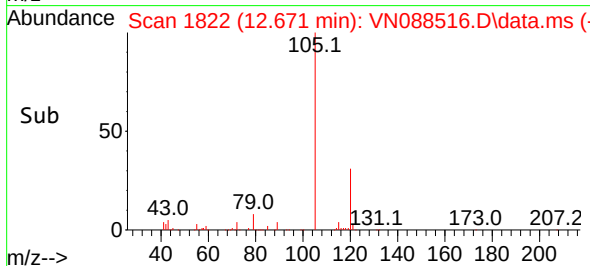
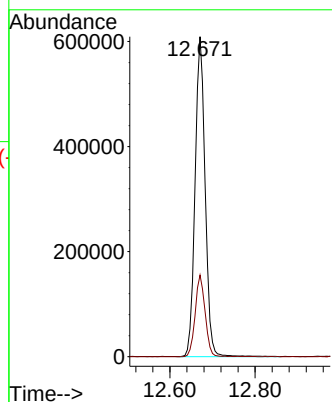
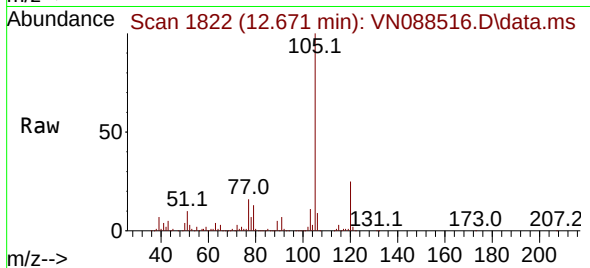
VSTDCCC050

Tgt Ion:105 Resp: 999226

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



#74

N-ethyl acetate

Concen: 51.295 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Tgt Ion: 43 Resp: 343978

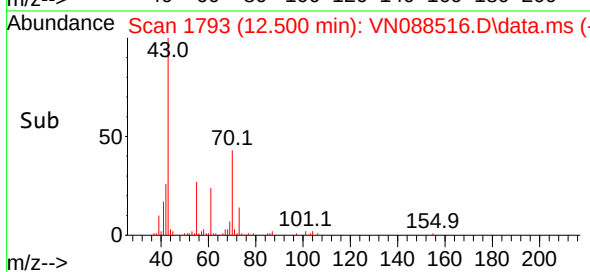
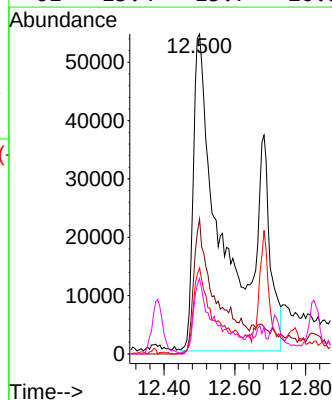
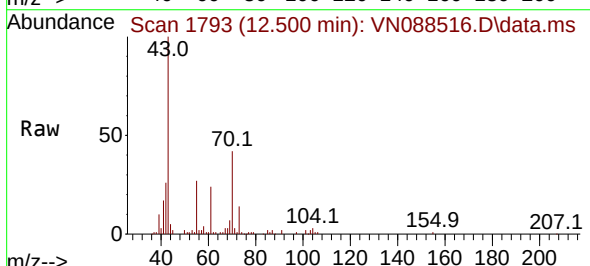
Ion Ratio Lower Upper

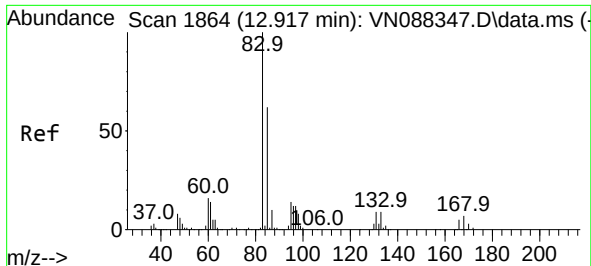
43 100

70 27.1 28.3 42.5#

55 16.3 17.7 26.5#

61 13.4 13.7 20.5#

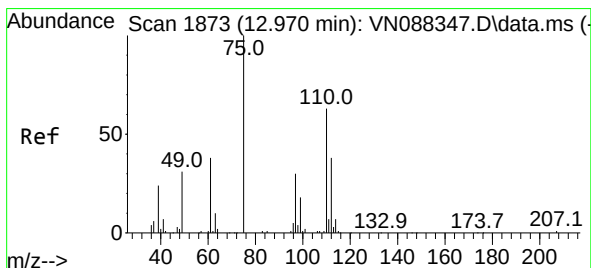
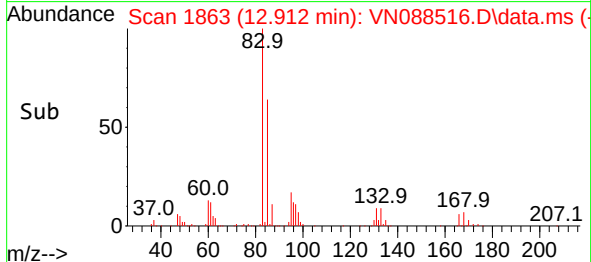
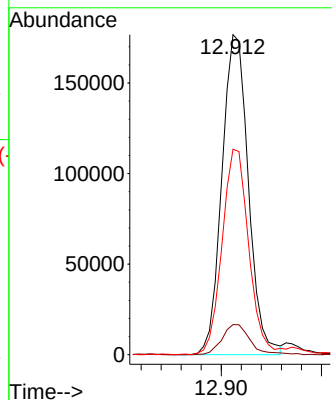
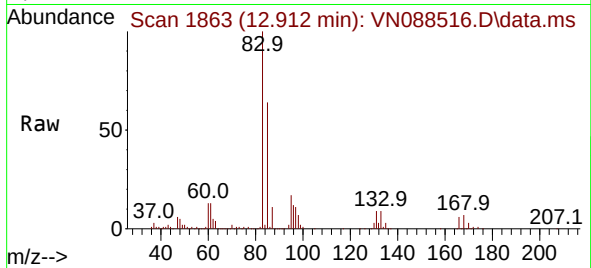




#75
1,1,2,2-Tetrachloroethane
Concen: 50.916 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

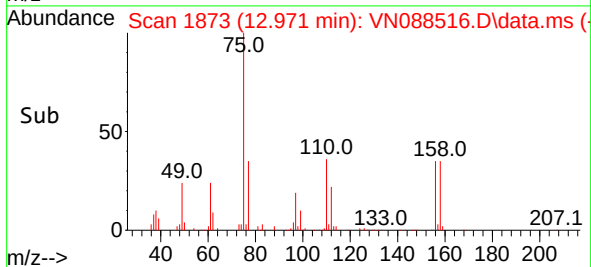
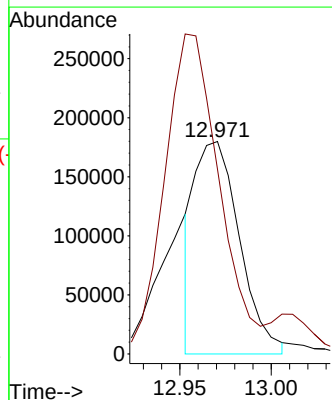
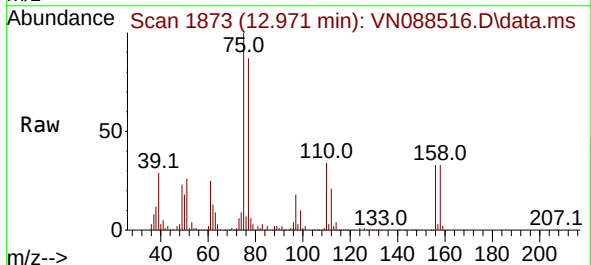
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

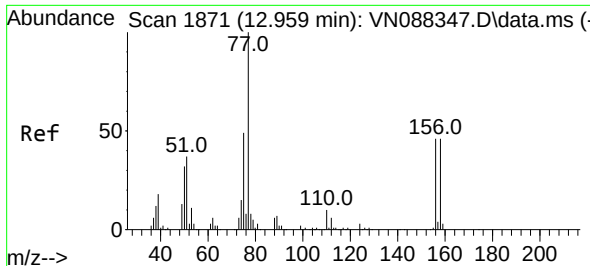
Tgt Ion: 83 Resp: 324121
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.9 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 49.142 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 75 Resp: 306526
Ion Ratio Lower Upper
75 100
77 183.6 87.2 261.6

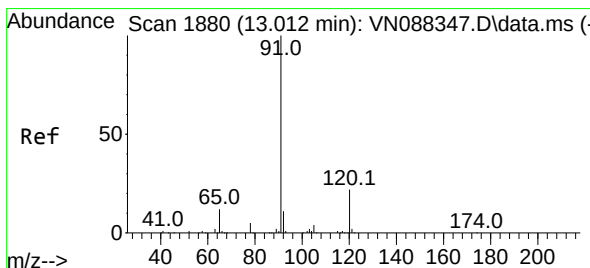
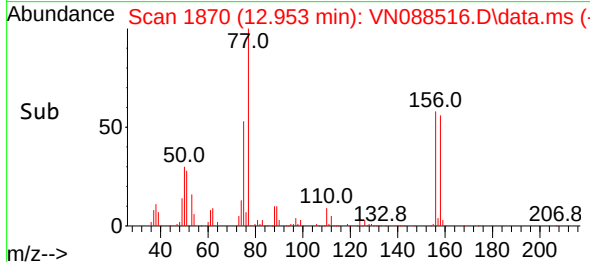
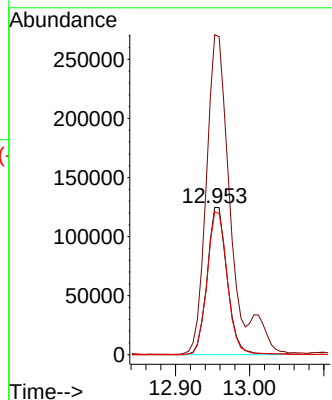
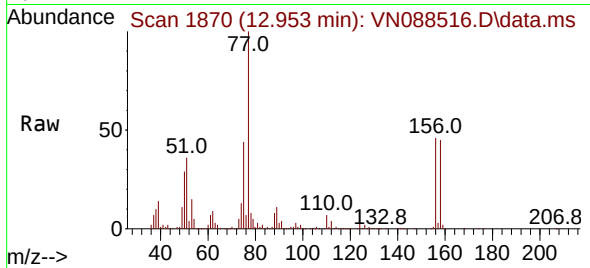




#77
Bromobenzene
Concen: 51.726 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

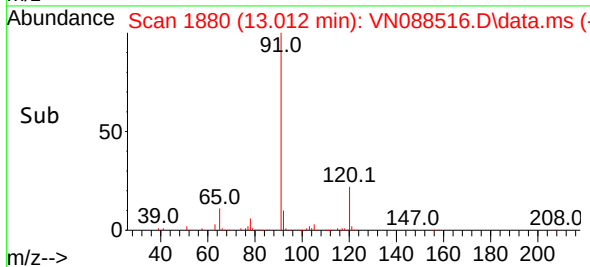
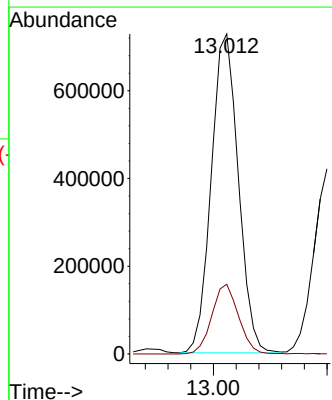
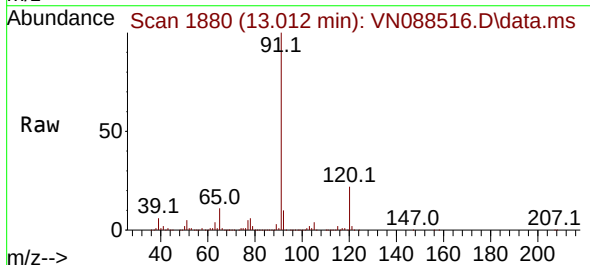
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

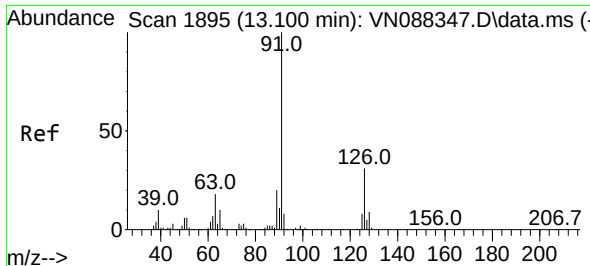
Tgt Ion:156 Resp: 233043
Ion Ratio Lower Upper
156 100
77 241.5 121.6 364.7
158 98.2 48.6 145.8



#78
n-propylbenzene
Concen: 49.983 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 91 Resp: 1204069
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.6

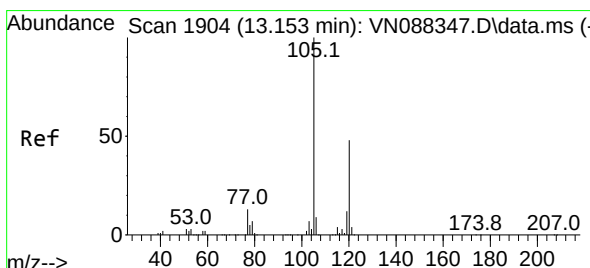
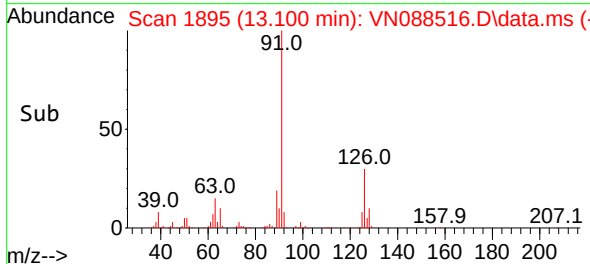
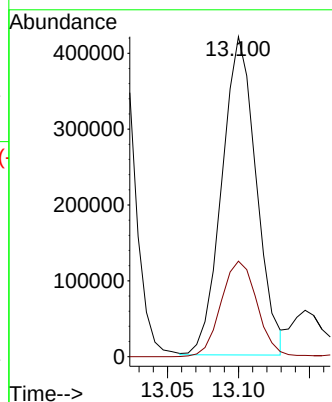
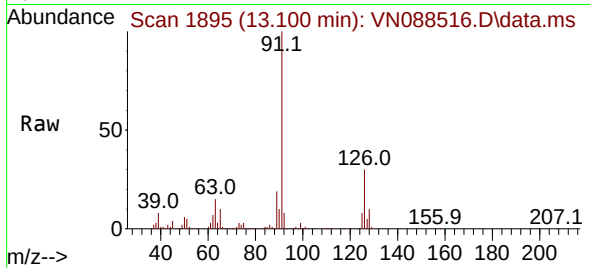




#79
2-Chlorotoluene
Concen: 48.082 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

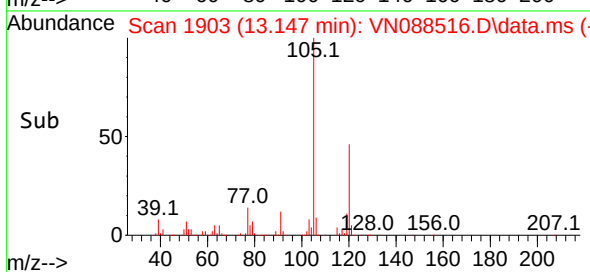
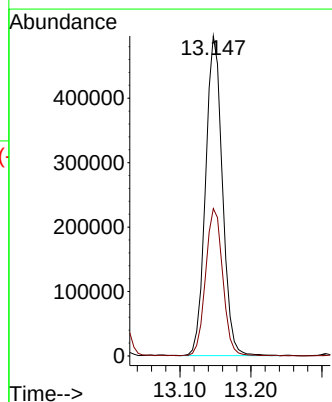
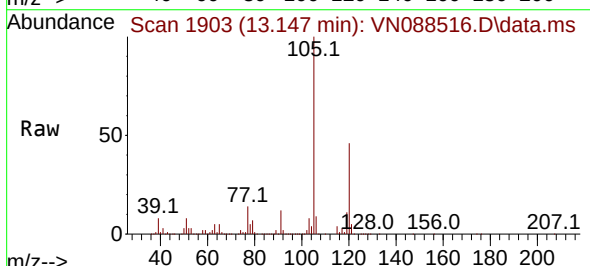
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

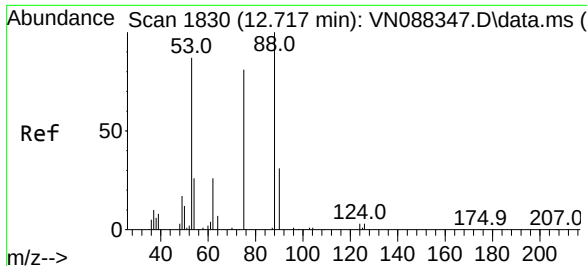
Tgt Ion: 91 Resp: 707310
Ion Ratio Lower Upper
91 100
126 31.5 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 50.183 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 105 Resp: 818826
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.5

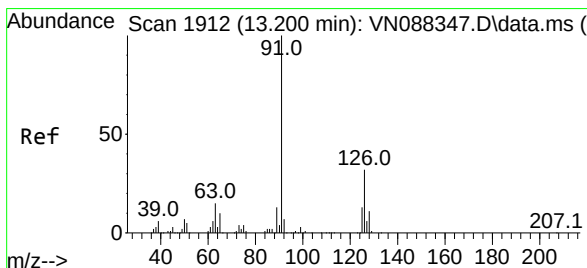
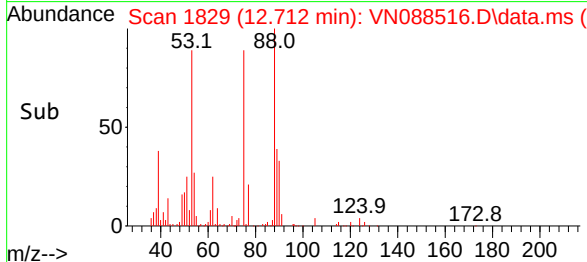
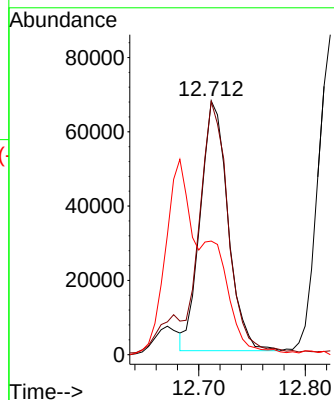
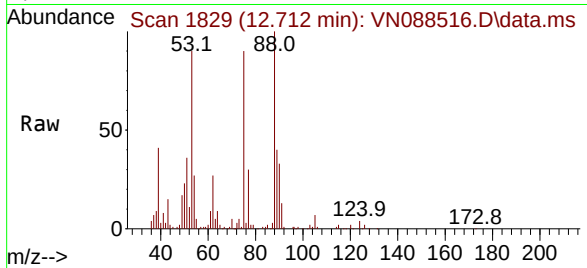




#81
trans-1,4-Dichloro-2-butene
Concen: 55.211 ug/l
RT: 12.712 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

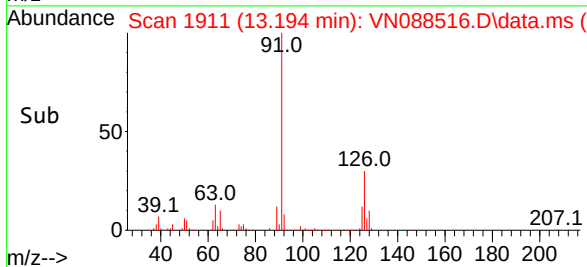
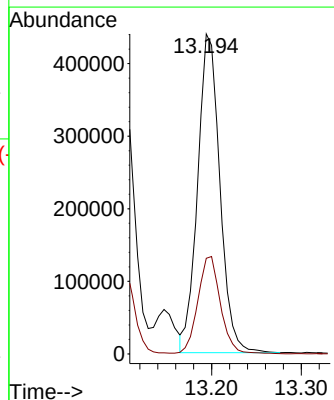
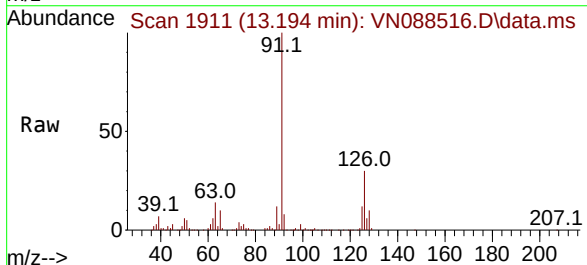
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

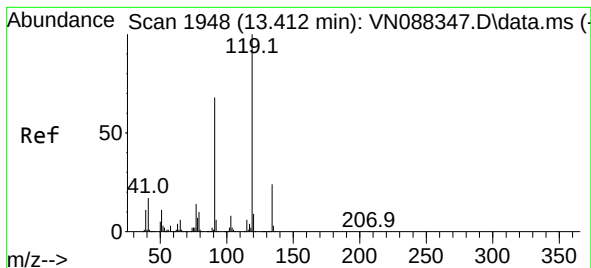
Tgt Ion: 75 Resp: 121393
Ion Ratio Lower Upper
75 100
53 118.7 92.2 138.4
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 51.791 ug/l
RT: 13.194 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 91 Resp: 756714
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.7





#83

tert-Butylbenzene

Concen: 47.513 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

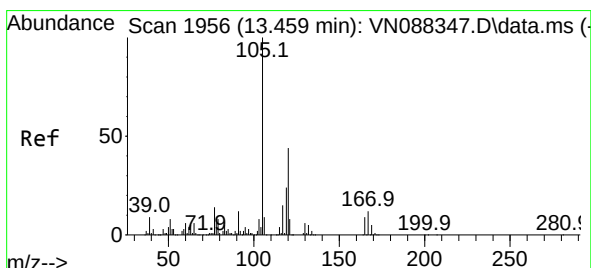
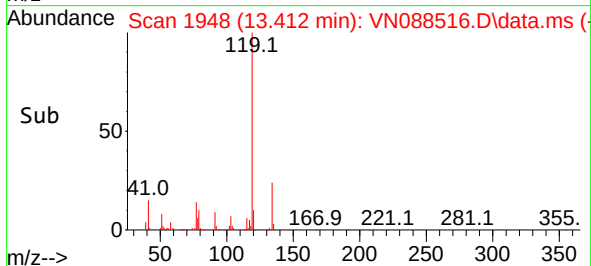
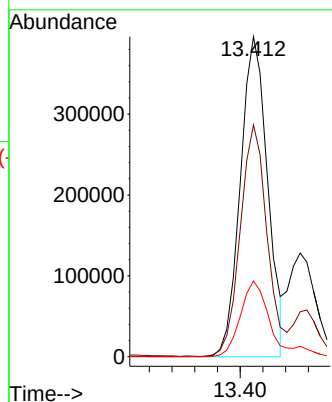
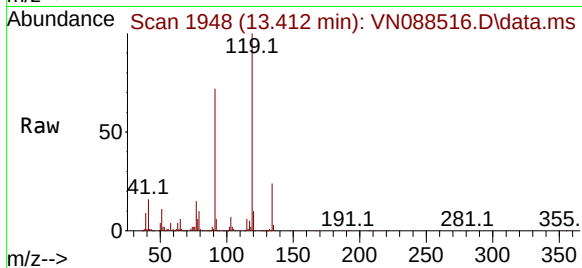
Tgt Ion:119 Resp: 659025

Ion Ratio Lower Upper

119 100

91 71.5 35.1 105.3

134 26.3 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 50.904 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088516.D

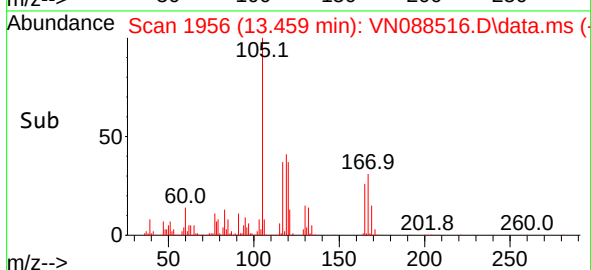
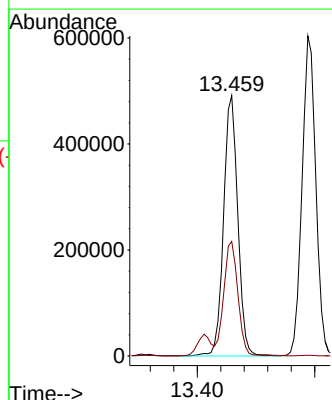
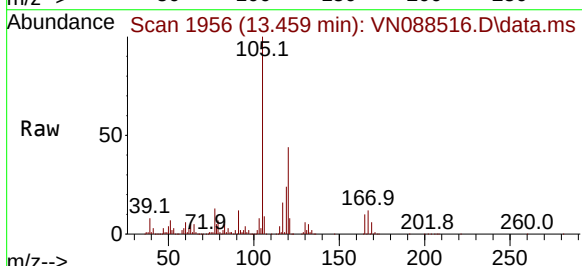
Acq: 16 Dec 2025 10:23

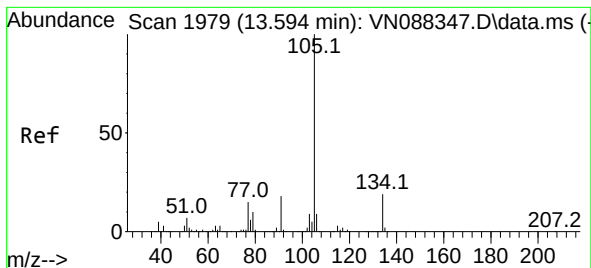
Tgt Ion:105 Resp: 825563

Ion Ratio Lower Upper

105 100

120 43.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.163 ug/l

RT: 13.588 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

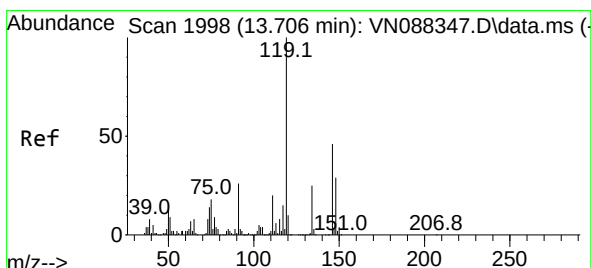
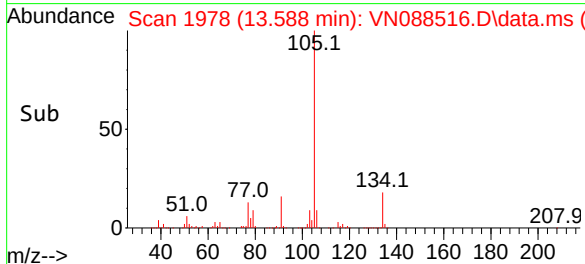
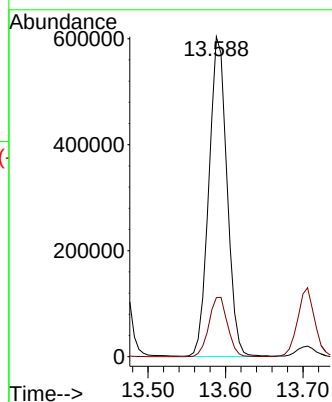
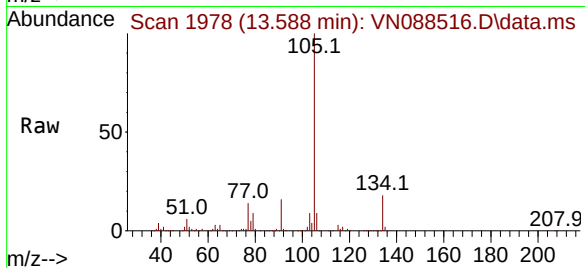
VSTDCCC050

Tgt Ion:105 Resp: 979626

Ion Ratio Lower Upper

105 100

134 19.2 9.5 28.5



#86

p-Isopropyltoluene

Concen: 49.296 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

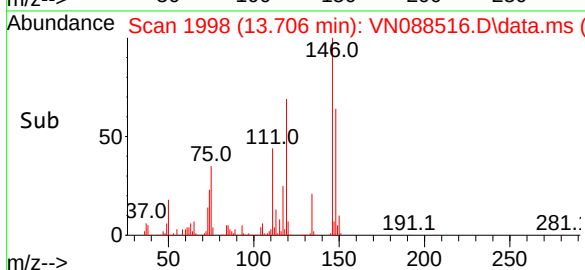
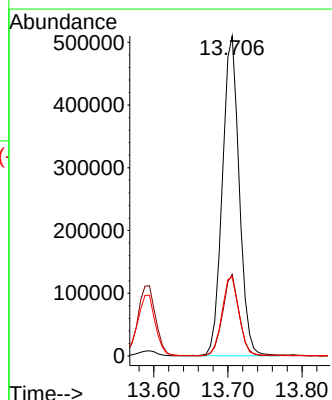
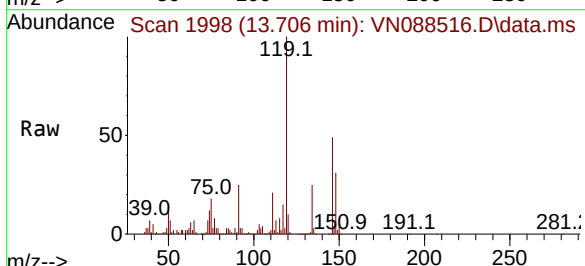
Tgt Ion:119 Resp: 805484

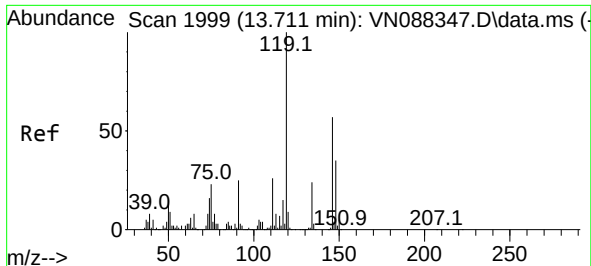
Ion Ratio Lower Upper

119 100

134 24.6 12.2 36.6

91 24.8 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 50.077 ug/l

RT: 13.706 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

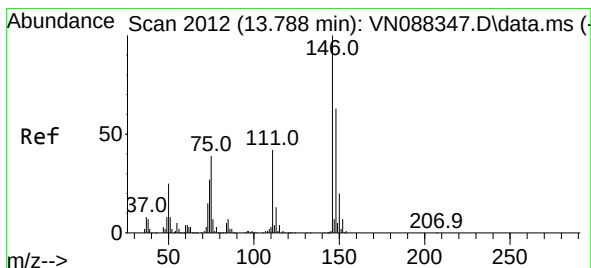
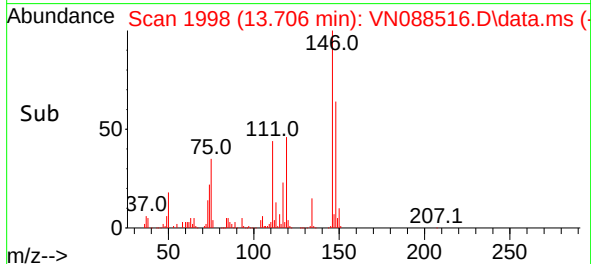
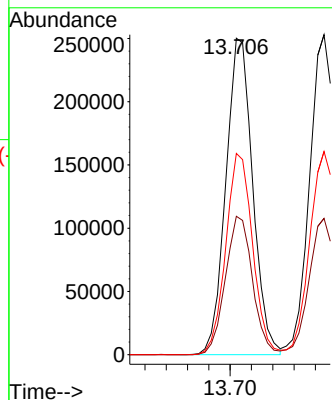
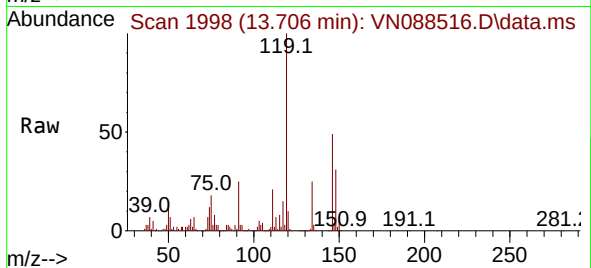
Tgt Ion:146 Resp: 439194

Ion Ratio Lower Upper

146 100

111 44.2 22.4 67.0

148 63.5 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 48.919 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

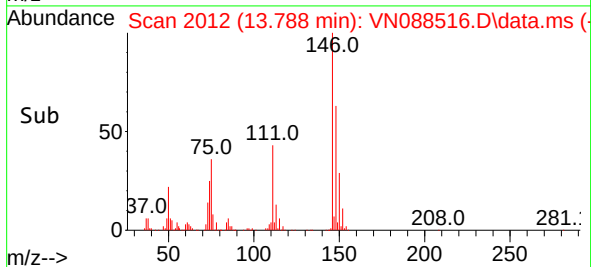
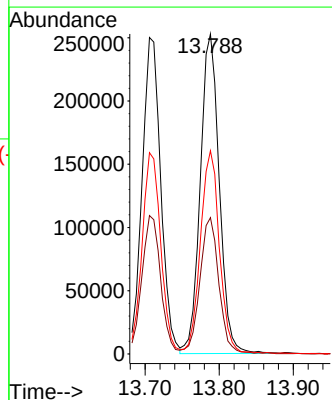
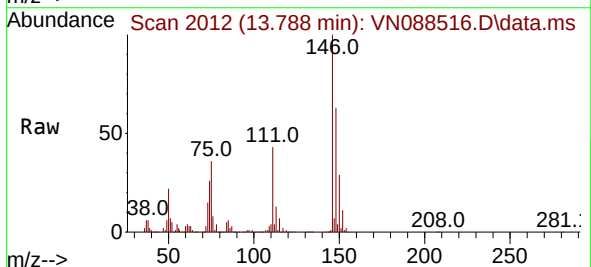
Tgt Ion:146 Resp: 449411

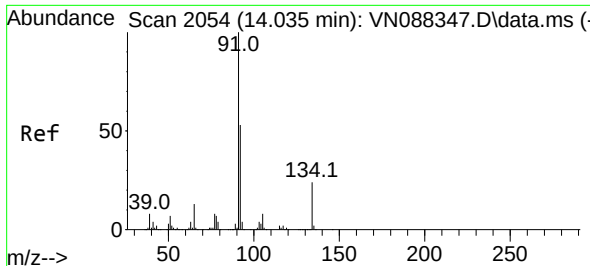
Ion Ratio Lower Upper

146 100

111 42.2 21.6 64.6

148 63.6 31.0 93.0

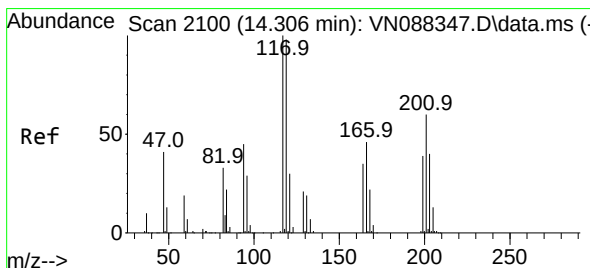
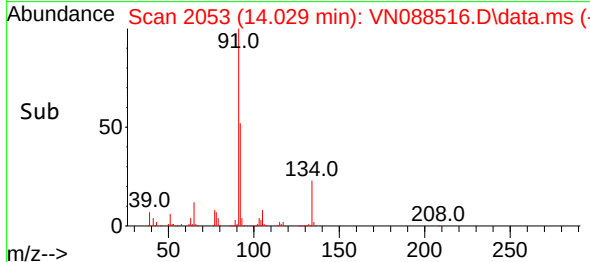
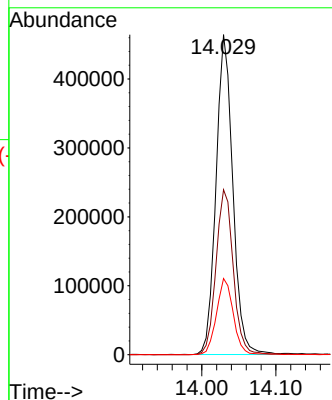
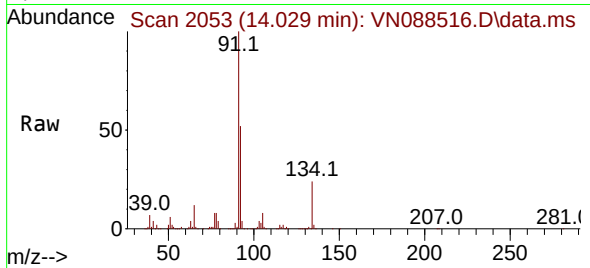




#89
n-Butylbenzene
Concen: 46.018 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

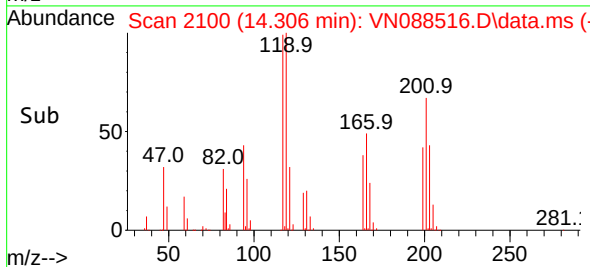
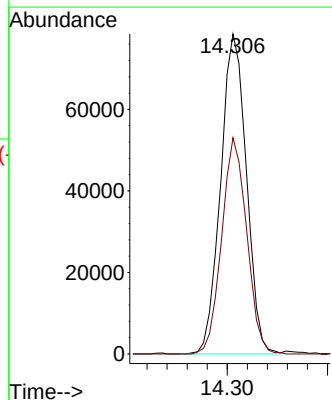
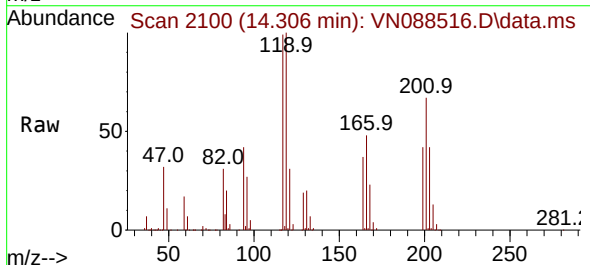
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

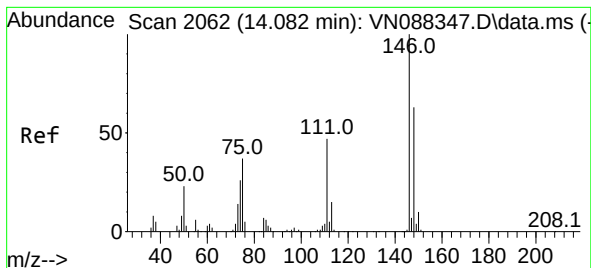
Tgt Ion: 91 Resp: 730078
Ion Ratio Lower Upper
91 100
92 53.3 26.1 78.3
134 23.9 11.7 35.1



#90
Hexachloroethane
Concen: 46.825 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion: 117 Resp: 139769
Ion Ratio Lower Upper
117 100
201 65.6 30.3 90.9





#91

1,2-Dichlorobenzene

Concen: 50.376 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

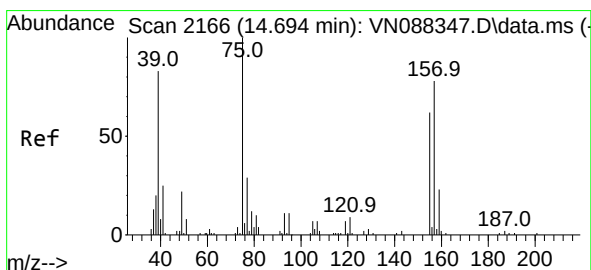
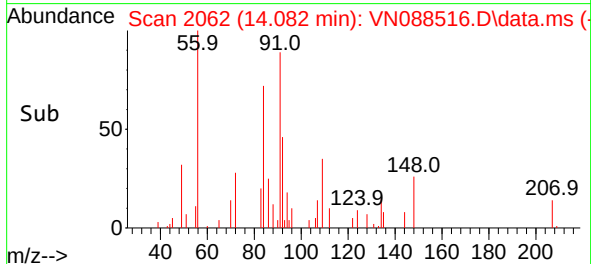
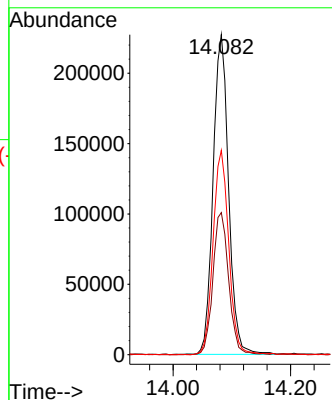
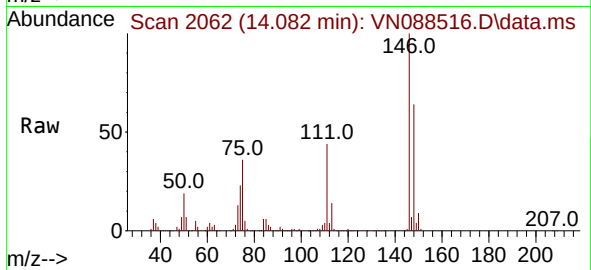
Tgt Ion:146 Resp: 415762

Ion Ratio Lower Upper

146 100

111 45.4 23.3 69.9

148 64.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.035 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VN088516.D

Acq: 16 Dec 2025 10:23

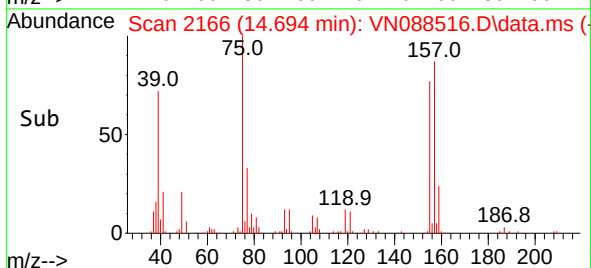
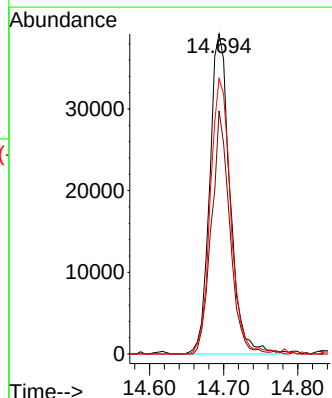
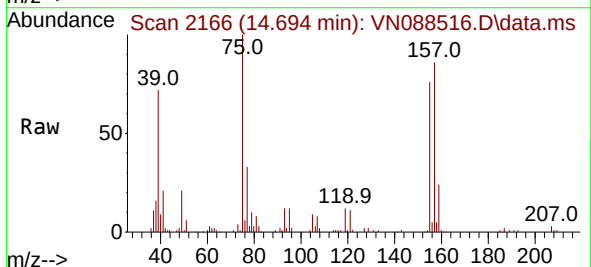
Tgt Ion: 75 Resp: 74190

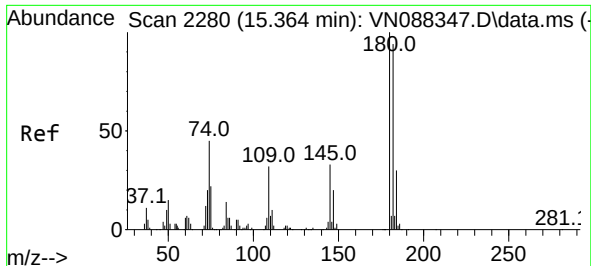
Ion Ratio Lower Upper

75 100

155 68.8 33.7 101.1

157 87.1 43.8 131.3



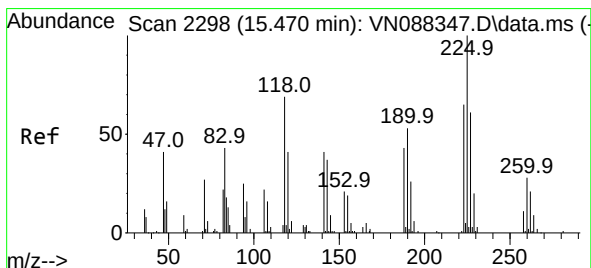
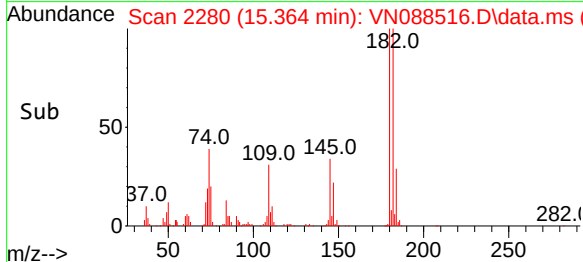
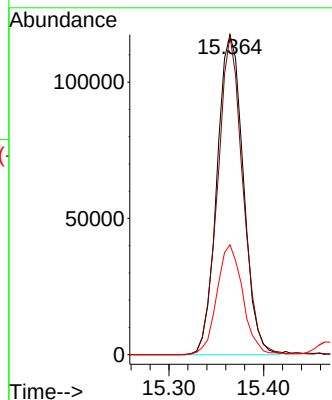
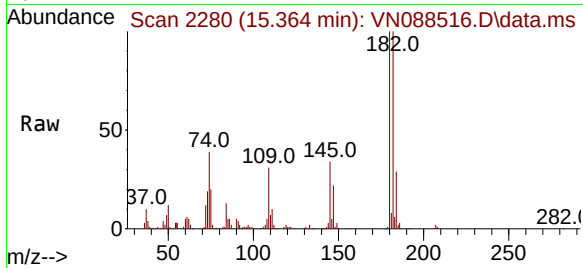


#93
 1,2,4-Trichlorobenzene
 Concen: 46.092 ug/l
 RT: 15.364 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088516.D
 Acq: 16 Dec 2025 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 226027

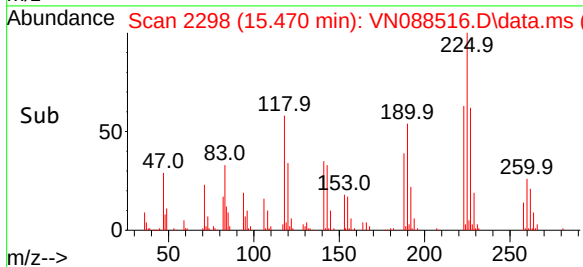
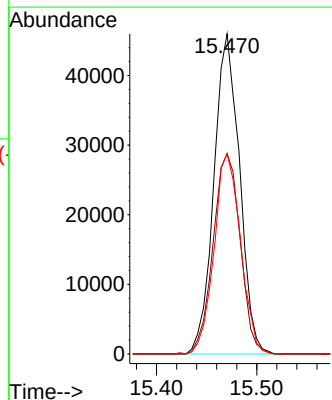
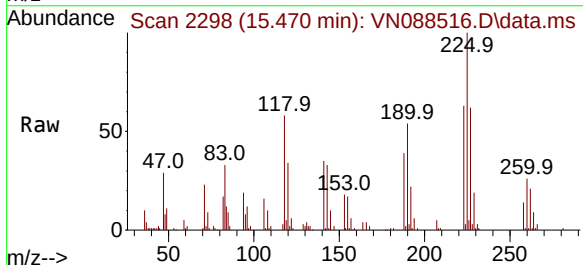
Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.1	138.2
145	34.1	16.7	50.1

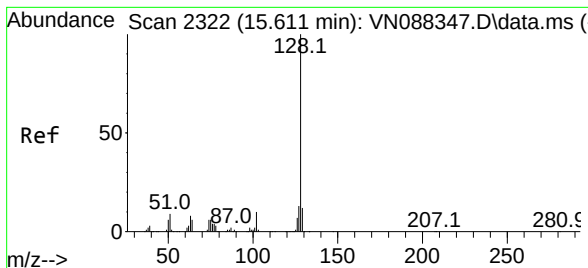


#94
 Hexachlorobutadiene
 Concen: 46.291 ug/l
 RT: 15.470 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VN088516.D
 Acq: 16 Dec 2025 10:23

Tgt Ion:225 Resp: 81572

Ion	Ratio	Lower	Upper
225	100		
223	66.1	32.3	96.8
227	64.6	29.9	89.8

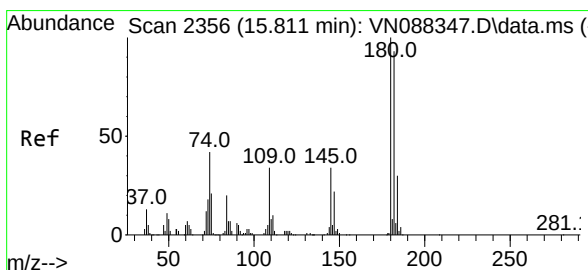
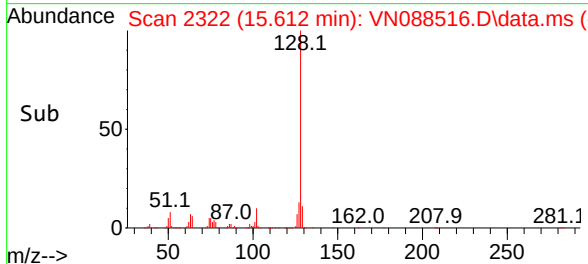
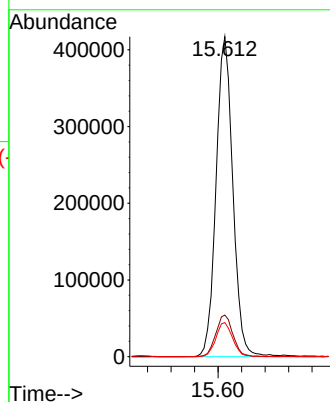
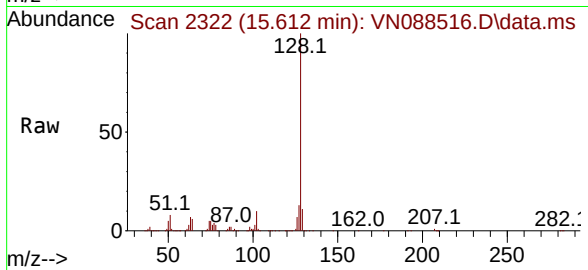




#95
Naphthalene
Concen: 48.587 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 825620
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.7 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 46.039 ug/l
RT: 15.806 min Scan# 2355
Delta R.T. -0.006 min
Lab File: VN088516.D
Acq: 16 Dec 2025 10:23

Tgt Ion:180 Resp: 219719
Ion Ratio Lower Upper
180 100
182 94.7 45.9 137.7
145 35.0 17.8 53.4

