

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088147.D
 Acq On : 29 Oct 2025 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 30 04:01:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	276791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	513941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	450607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	235546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	273604	57.164	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.320%	
35) Dibromofluoromethane	8.147	113	182180	52.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.520%	
50) Toluene-d8	10.547	98	661877	49.751	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.829	95	247544	52.687	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.380%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	164970	52.838	ug/l	100
3) Chloromethane	2.383	50	183800	50.039	ug/l	95
4) Vinyl Chloride	2.536	62	207336	51.806	ug/l	99
5) Bromomethane	2.959	94	121693	50.836	ug/l	98
6) Chloroethane	3.130	64	136689	47.404	ug/l	98
7) Trichlorofluoromethane	3.506	101	322344	50.498	ug/l	96
8) Diethyl Ether	3.959	74	128195	54.036	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	171449	52.051	ug/l	99
10) Methyl Iodide	4.577	142	152457	47.192	ug/l	99
11) Tert butyl alcohol	5.524	59	240346	291.479	ug/l	98
12) 1,1-Dichloroethene	4.336	96	166280	47.796	ug/l	91
13) Acrolein	4.171	56	399139	430.337	ug/l	100
14) Allyl chloride	5.012	41	320247	52.518	ug/l	100
15) Acrylonitrile	5.706	53	669318	297.991	ug/l	99
16) Acetone	4.418	43	698546	290.508	ug/l	99
17) Carbon Disulfide	4.700	76	503774	47.636	ug/l	98
18) Methyl Acetate	5.018	43	304255	61.806	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	738964	57.838	ug/l	98
20) Methylene Chloride	5.259	84	213890	57.040	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	194037	50.813	ug/l	99
22) Diisopropyl ether	6.653	45	750083	58.490	ug/l	98
23) Vinyl Acetate	6.589	43	3502969	303.244	ug/l	98
24) 1,1-Dichloroethane	6.547	63	400432	56.369	ug/l	98
25) 2-Butanone	7.471	43	957991	302.314	ug/l	99
26) 2,2-Dichloropropane	7.471	77	329175	50.991	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	233426	53.098	ug/l	93
28) Bromochloromethane	7.794	49	178228	53.099	ug/l	97
29) Tetrahydrofuran	7.824	42	614290	297.454	ug/l	98
30) Chloroform	7.947	83	403678	56.883	ug/l	98
31) Cyclohexane	8.241	56	344672	51.445	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	346537	54.826	ug/l	98
36) 1,1-Dichloropropene	8.353	75	276199	54.787	ug/l	100
37) Ethyl Acetate	7.547	43	388034	59.645	ug/l	98
38) Carbon Tetrachloride	8.341	117	289057	55.515	ug/l	99
39) Methylcyclohexane	9.582	83	333429	51.455	ug/l	98
40) Benzene	8.588	78	833839	54.311	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	204403	59.696	ug/l	98
42) 1,2-Dichloroethane	8.653	62	341565	62.613	ug/l	98
43) Isopropyl Acetate	8.671	43	598332	59.852	ug/l	100
44) Trichloroethene	9.335	130	188118	52.421	ug/l	95
45) 1,2-Dichloropropane	9.600	63	222476	57.398	ug/l	96
46) Dibromomethane	9.688	93	160429	58.034	ug/l	98
47) Bromodichloromethane	9.865	83	328426	59.340	ug/l	96
48) Methyl methacrylate	9.665	41	291080	63.068	ug/l	98
49) 1,4-Dioxane	9.682	88	70074	1220.741	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	1859047	314.348	ug/l	99
52) Toluene	10.606	92	512754	54.169	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	348452	59.154	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	363639	58.175	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	202441	56.371	ug/l	96
56) Ethyl methacrylate	10.853	69	348210	61.271	ug/l	97
57) 1,3-Dichloropropane	11.141	76	369528	58.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	964688	326.334	ug/l	99
59) 2-Hexanone	11.177	43	1260002	321.167	ug/l	99
60) Dibromochloromethane	11.335	129	235956	57.806	ug/l	99
61) 1,2-Dibromoethane	11.447	107	207697	56.195	ug/l	97
64) Tetrachloroethene	11.082	164	153151	51.526	ug/l	95
65) Chlorobenzene	11.871	112	557475	54.484	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	192433	57.405	ug/l	100
67) Ethyl Benzene	11.941	91	993281	55.305	ug/l	100
68) m/p-Xylenes	12.047	106	736560	109.455	ug/l	98
69) o-Xylene	12.376	106	358701	56.230	ug/l	98
70) Styrene	12.388	104	613971	59.022	ug/l	96
71) Bromoform	12.559	173	148569	59.389	ug/l #	98
73) Isopropylbenzene	12.676	105	953816	52.502	ug/l	100
74) N-amyl acetate	12.506	43	152600	29.590	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.918	83	311886	55.143	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	422357	78.428	ug/l	63
77) Bromobenzene	12.959	156	212806	54.321	ug/l	94
78) n-propylbenzene	13.012	91	1177896	53.130	ug/l	100
79) 2-Chlorotoluene	13.106	91	705272	55.783	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	805138	53.363	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	101773	52.717	ug/l	90
82) 4-Chlorotoluene	13.200	91	742918	54.312	ug/l	99
83) tert-Butylbenzene	13.418	119	698366	51.815	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	834714	55.295	ug/l	99
85) sec-Butylbenzene	13.594	105	1024249	51.725	ug/l	100
86) p-Isopropyltoluene	13.706	119	861086	54.207	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	424640	54.298	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	433469	51.606	ug/l	98
89) n-Butylbenzene	14.035	91	839862	53.375	ug/l	99
90) Hexachloroethane	14.312	117	157187	51.098	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	404865	53.706	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	79245	60.196	ug/l	92
93) 1,2,4-Trichlorobenzene	15.364	180	244895	53.640	ug/l	99
94) Hexachlorobutadiene	15.470	225	91800	53.995	ug/l	99
95) Naphthalene	15.612	128	870340	55.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	233523	53.345	ug/l	96

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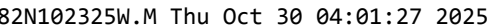
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

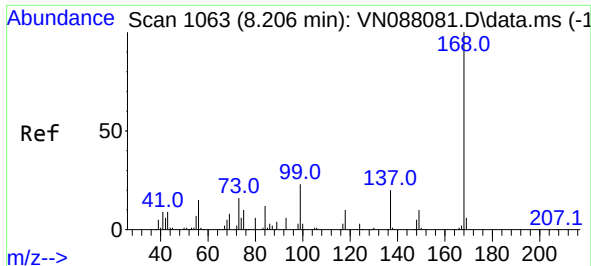
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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

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

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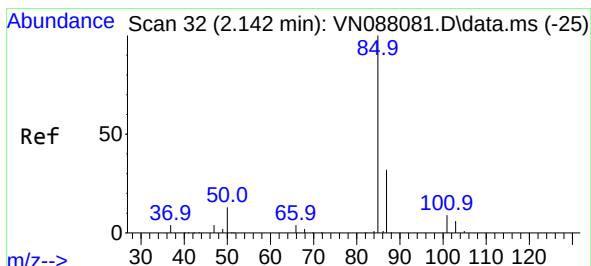
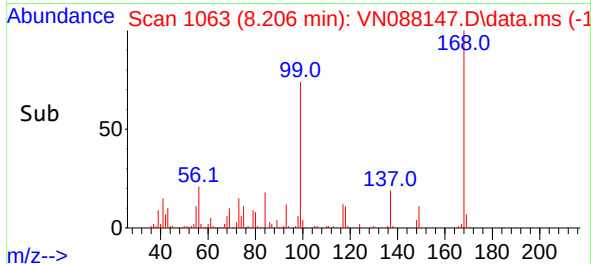
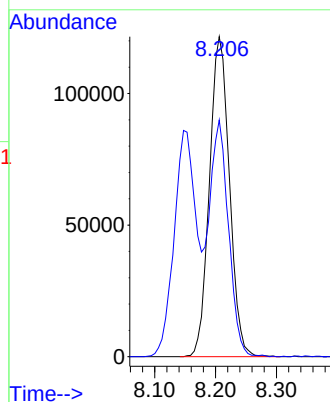
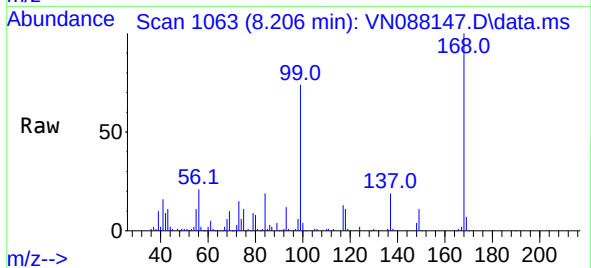




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN088147.D
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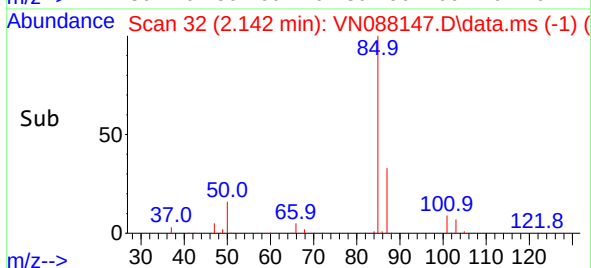
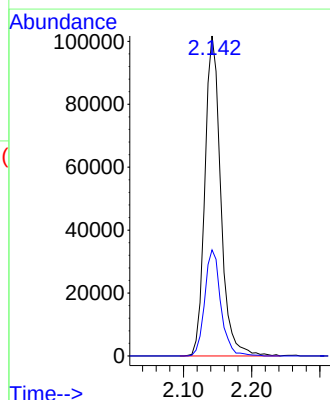
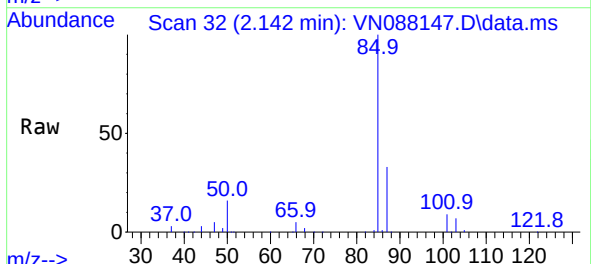
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 276791
Ion Ratio Lower Upper
168 100
99 74.0 57.2 85.8

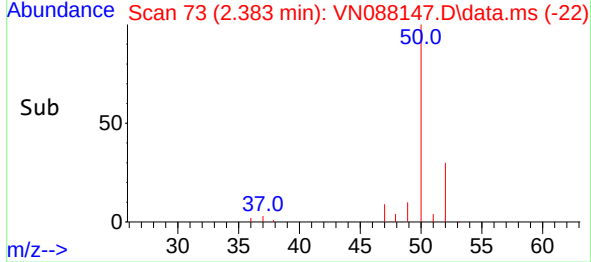
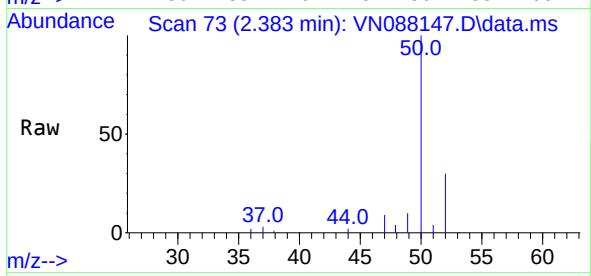
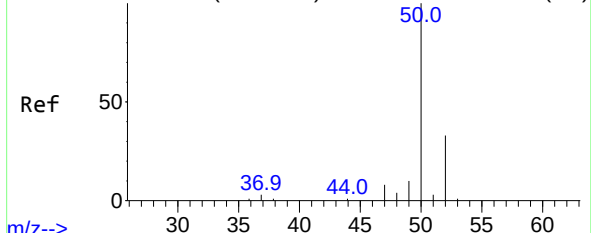


#2
Dichlorodifluoromethane
Concen: 52.838 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 85 Resp: 164970
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8



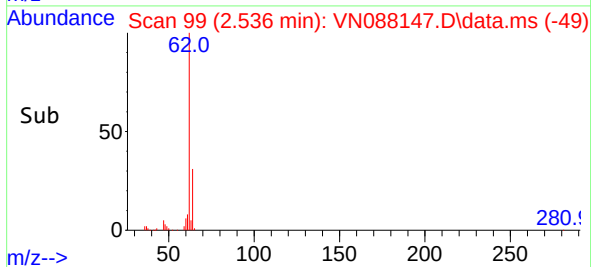
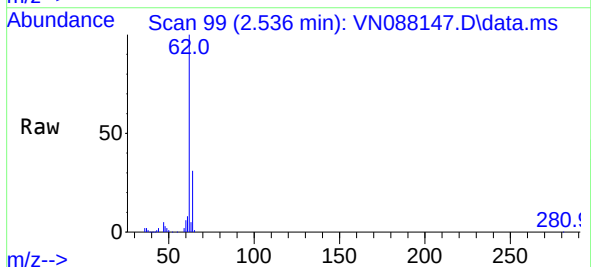
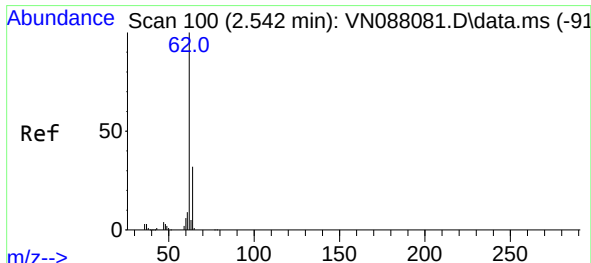
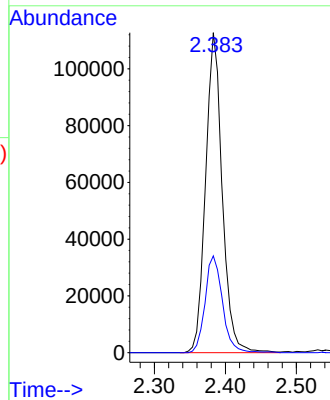
Abundance Scan 73 (2.383 min): VN088081.D\data.ms (-64)



#3
Chloromethane
Concen: 50.039 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

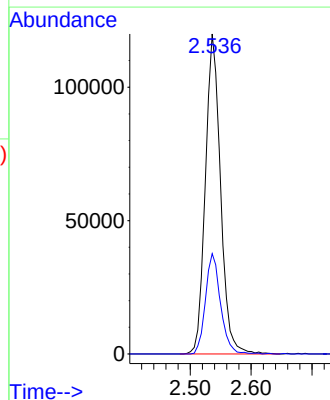
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

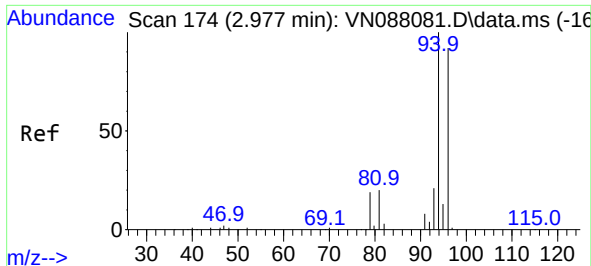
Tgt Ion: 50 Resp: 183800
Ion Ratio Lower Upper
50 100
52 30.3 26.2 39.4



#4
Vinyl Chloride
Concen: 51.806 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 62 Resp: 207336
Ion Ratio Lower Upper
62 100
64 31.4 24.6 37.0

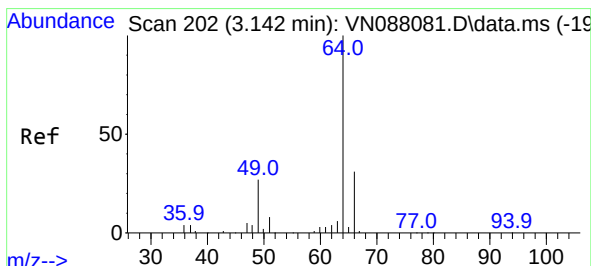
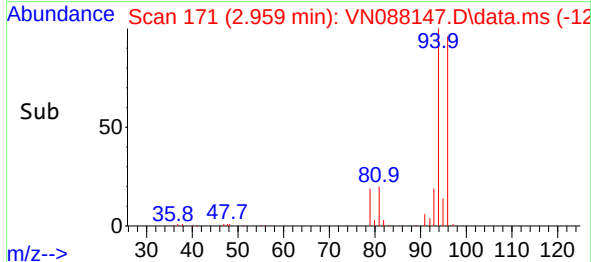
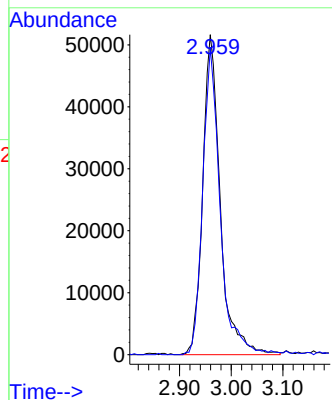
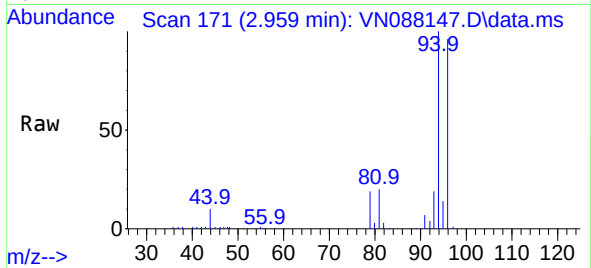




#5
Bromomethane
Concen: 50.836 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

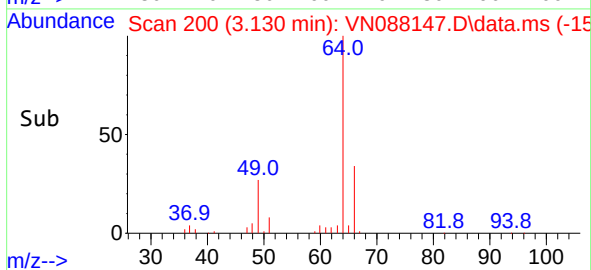
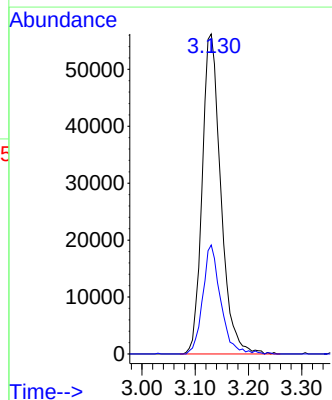
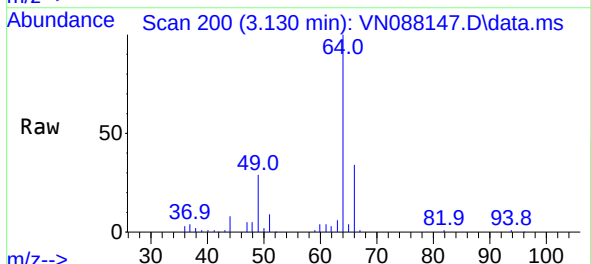
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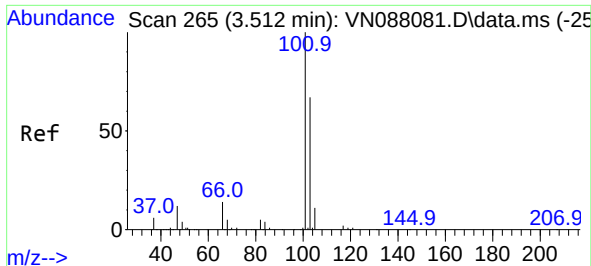
Tgt Ion: 94 Resp: 121693
Ion Ratio Lower Upper
94 100
96 96.0 75.4 113.2



#6
Chloroethane
Concen: 47.404 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 64 Resp: 136689
Ion Ratio Lower Upper
64 100
66 34.0 26.2 39.2

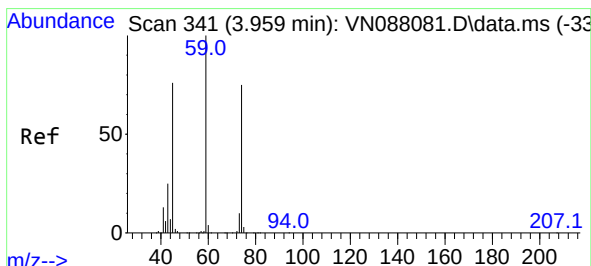
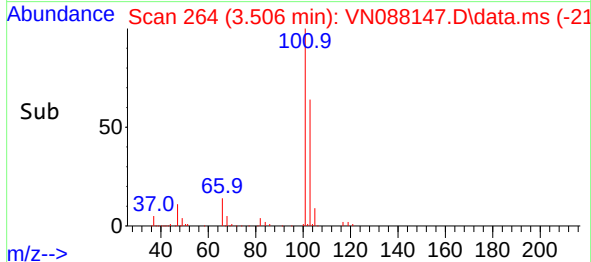
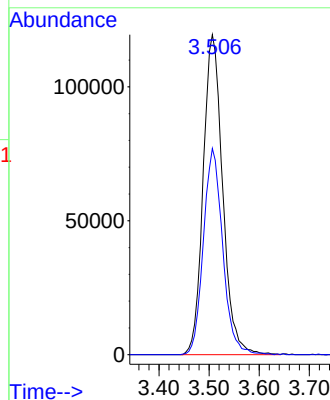
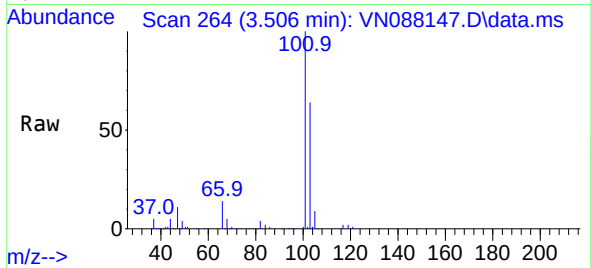




#7
Trichlorofluoromethane
Concen: 50.498 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

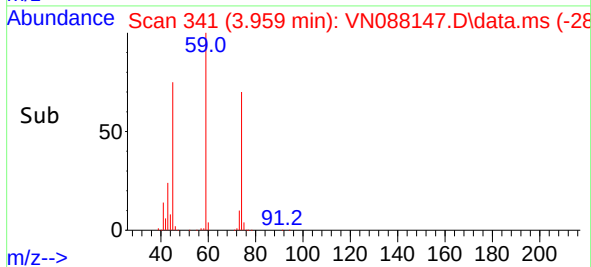
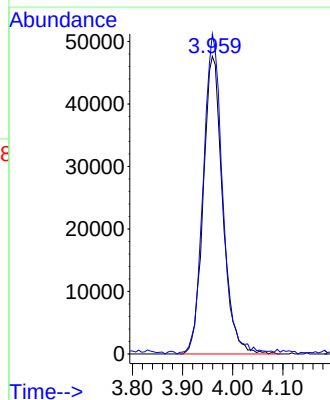
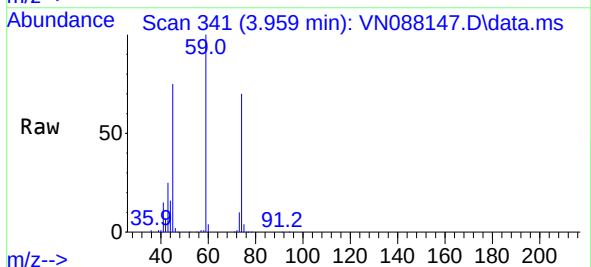
Instrument :
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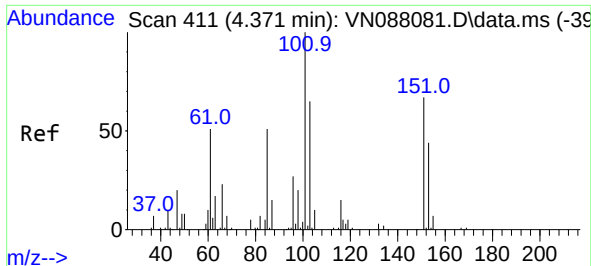
Tgt Ion:101 Resp: 322344
Ion Ratio Lower Upper
101 100
103 64.5 49.4 74.0



#8
Diethyl Ether
Concen: 54.036 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 74 Resp: 128195
Ion Ratio Lower Upper
74 100
45 106.9 50.6 151.9

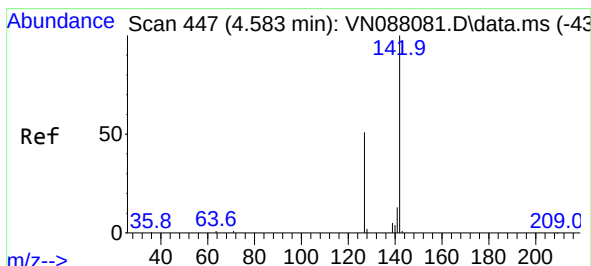
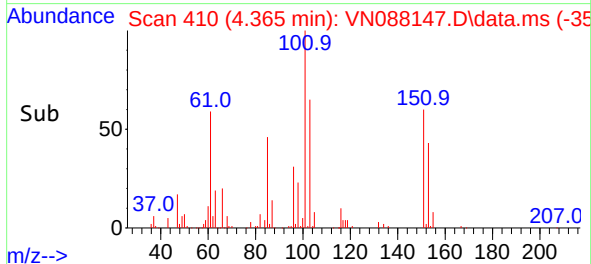
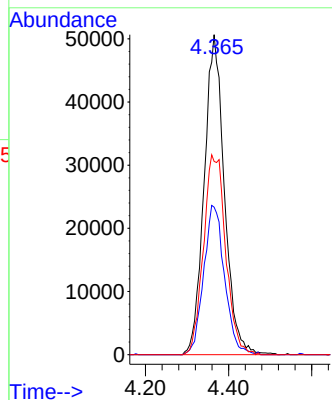
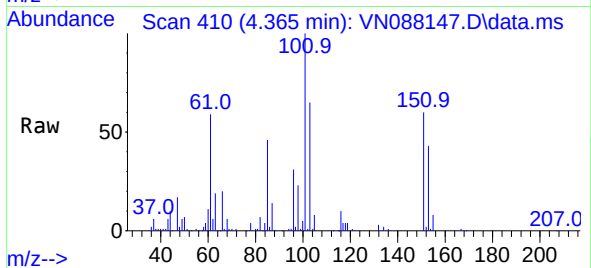




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.051 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

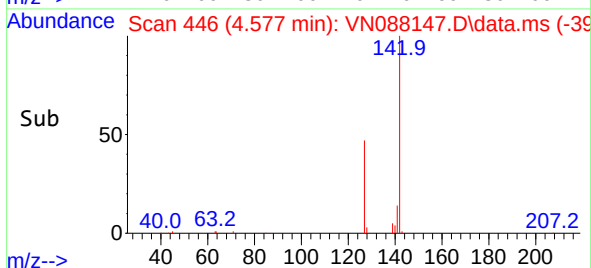
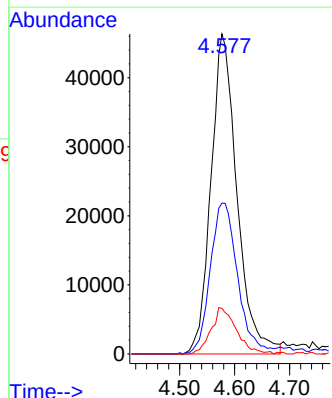
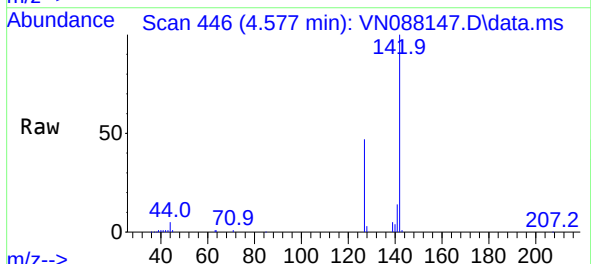
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

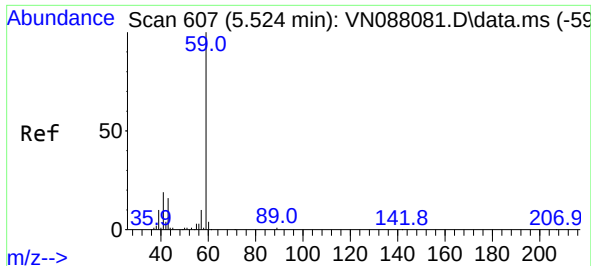
Tgt Ion:101 Resp: 171449
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 68.5 54.7 82.1



#10
Methyl Iodide
Concen: 47.192 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:142 Resp: 152457
Ion Ratio Lower Upper
142 100
127 46.8 38.0 57.0
141 14.2 12.0 18.0

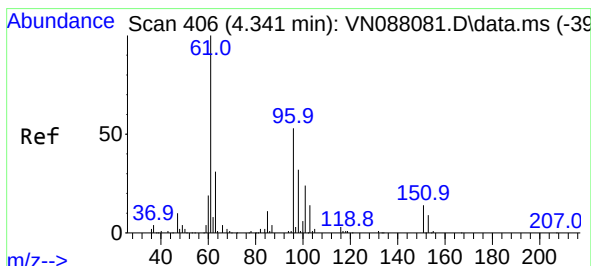
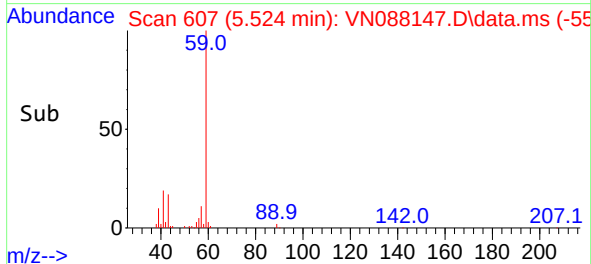
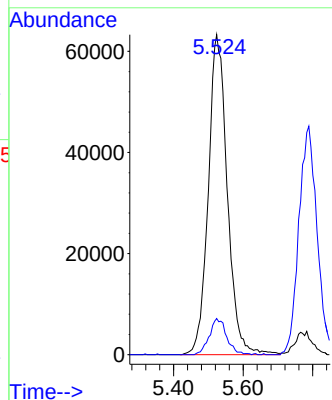
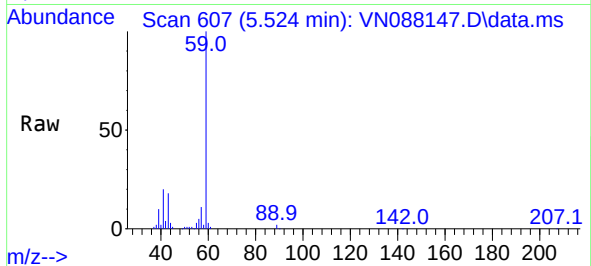




#11
Tert butyl alcohol
Concen: 291.479 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

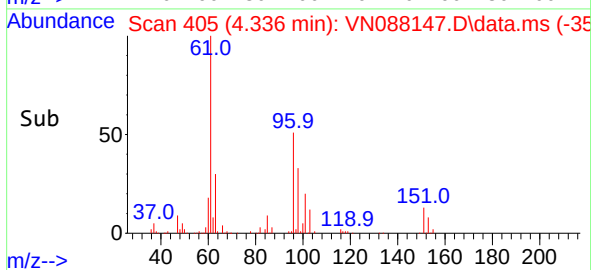
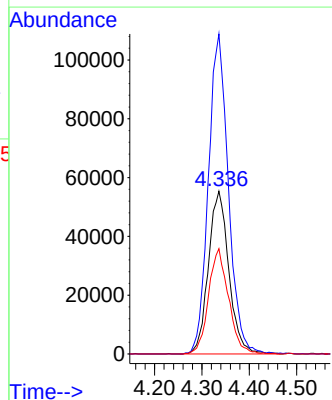
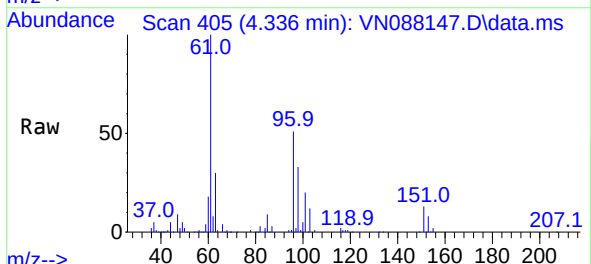
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

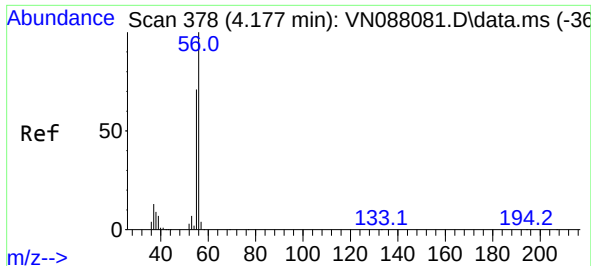
Tgt Ion: 59 Resp: 240346
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 47.796 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 96 Resp: 166280
Ion Ratio Lower Upper
96 100
61 196.7 143.8 215.8
98 64.8 52.1 78.1

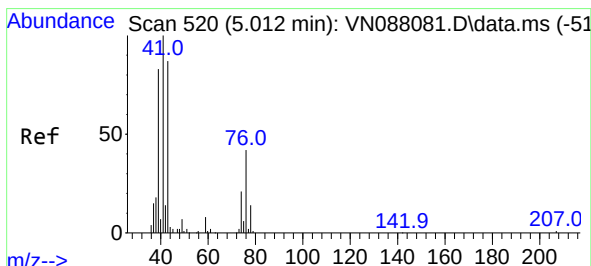
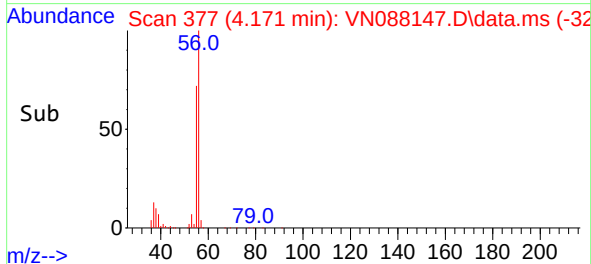
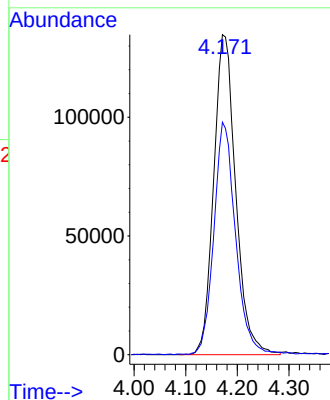
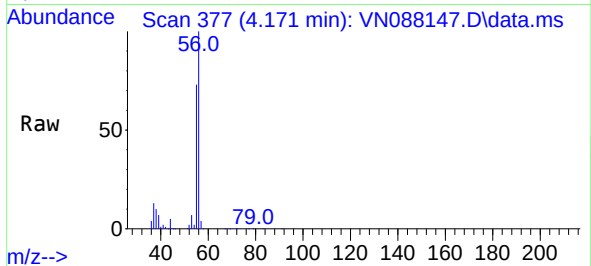




#13
Acrolein
Concen: 430.337 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

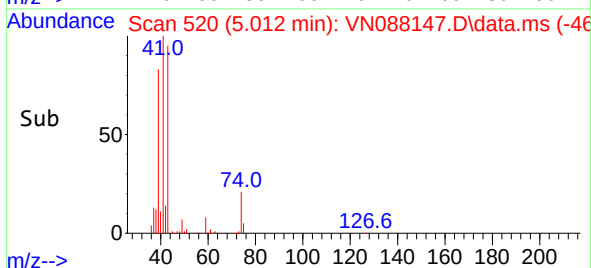
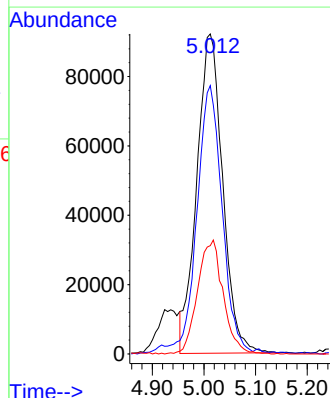
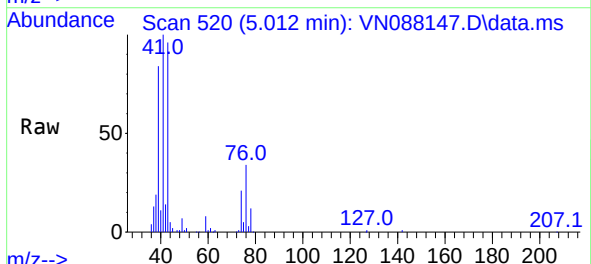
Instrument :
MSVOA_N
ClientSampleId :
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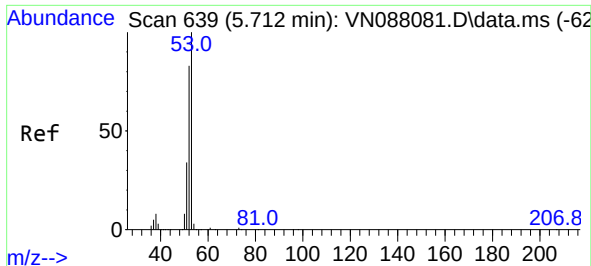
Tgt Ion: 56 Resp: 399139
Ion Ratio Lower Upper
56 100
55 71.3 57.3 85.9



#14
Allyl chloride
Concen: 52.518 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 41 Resp: 320247
Ion Ratio Lower Upper
41 100
39 80.4 63.9 95.9
76 35.3 28.1 42.1

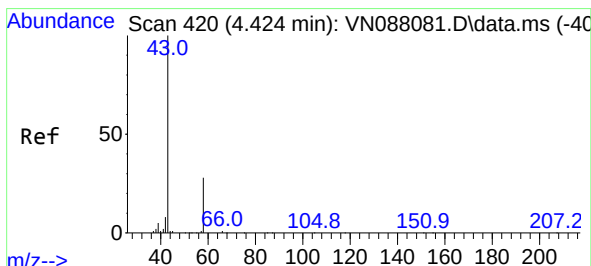
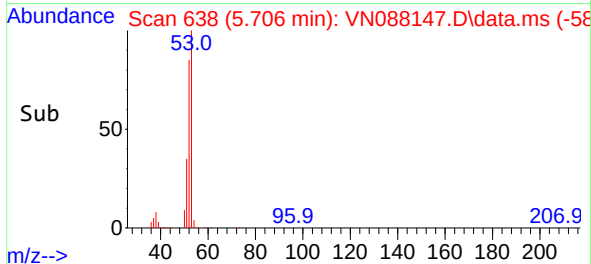
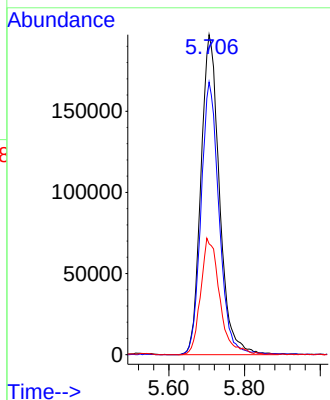
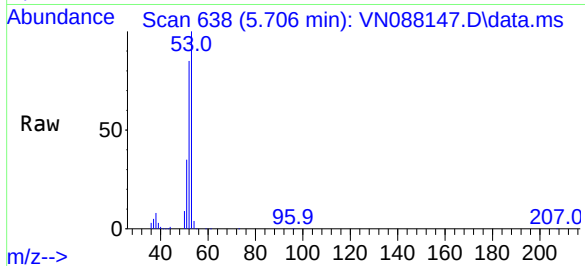




#15
Acrylonitrile
Concen: 297.991 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

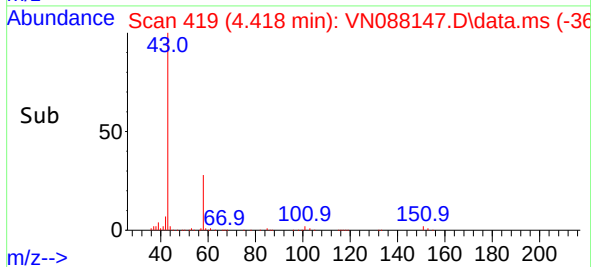
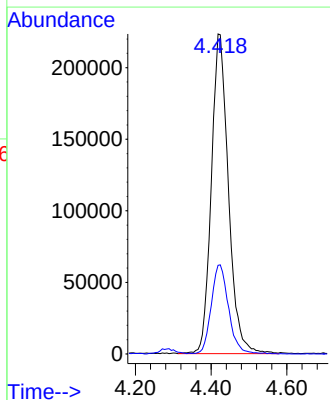
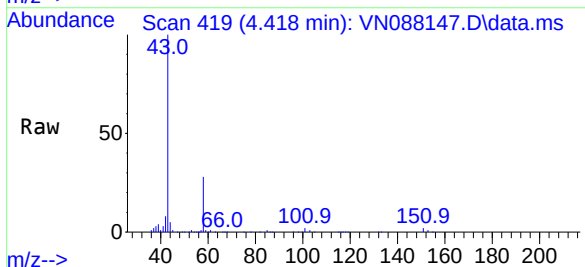
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

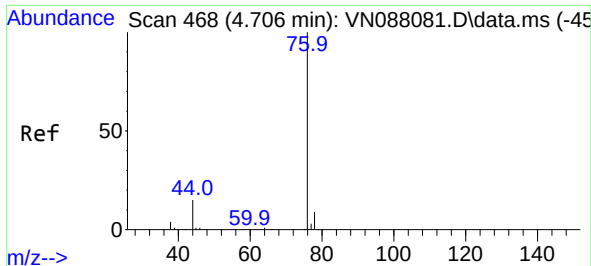
Tgt Ion: 53 Resp: 669318
Ion Ratio Lower Upper
53 100
52 82.9 67.6 101.4
51 37.2 30.1 45.1



#16
Acetone
Concen: 290.508 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 43 Resp: 698546
Ion Ratio Lower Upper
43 100
58 27.8 22.6 33.8

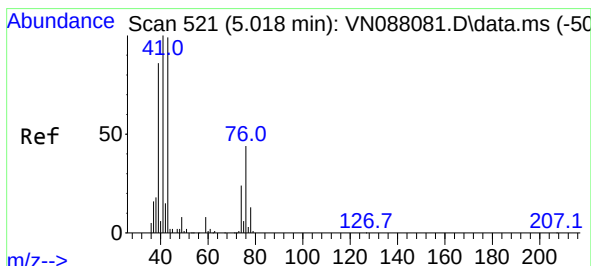
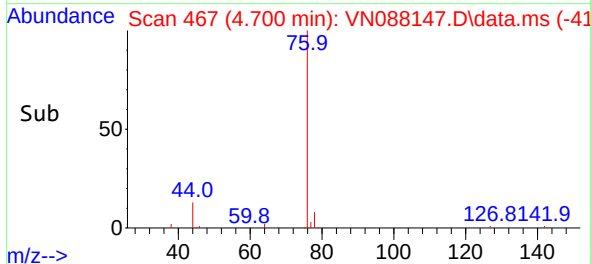
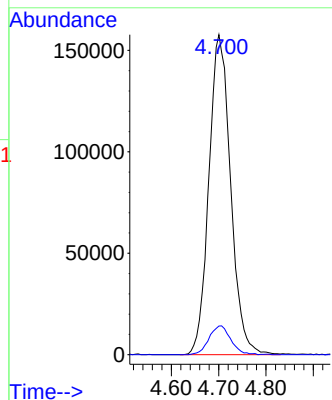
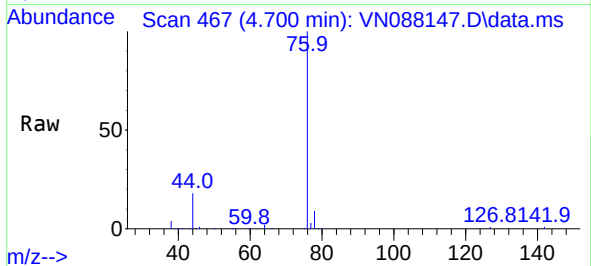




#17
Carbon Disulfide
Concen: 47.636 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

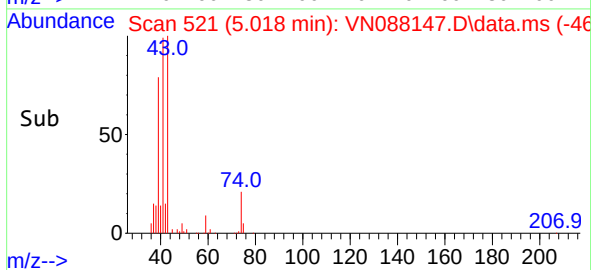
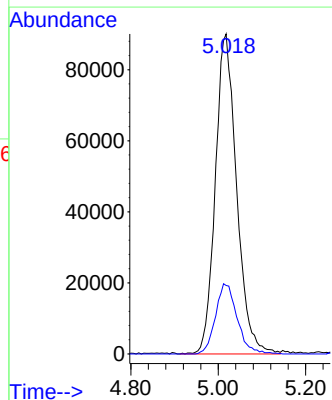
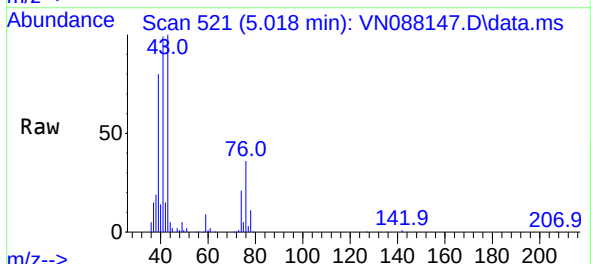
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

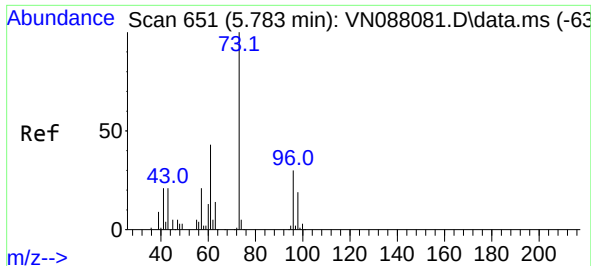
Tgt Ion: 76 Resp: 503774
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 61.806 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 43 Resp: 304255
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4

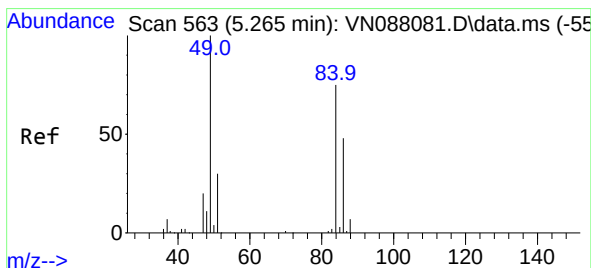
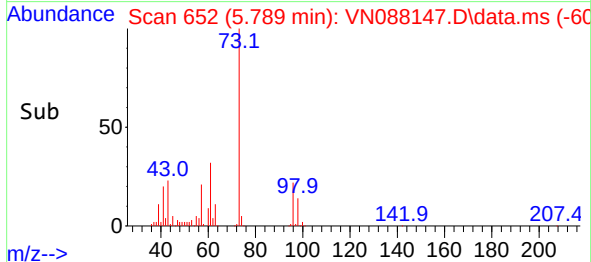
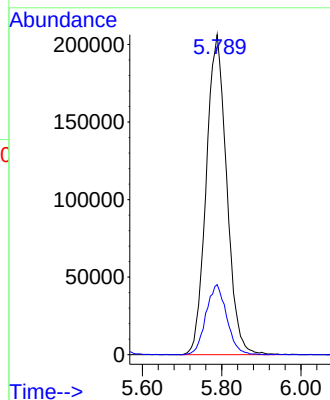
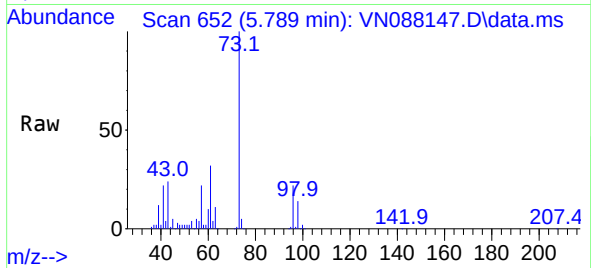




#19
Methyl tert-butyl Ether
Concen: 57.838 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

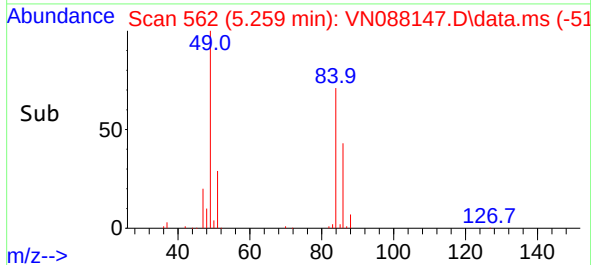
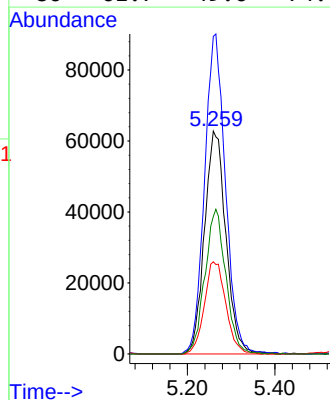
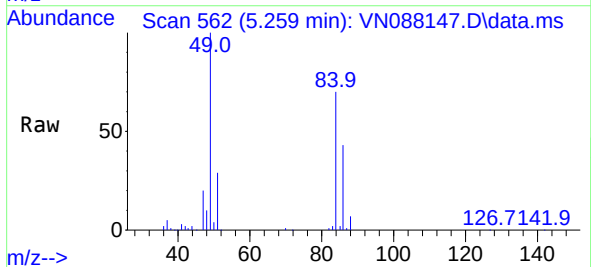
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

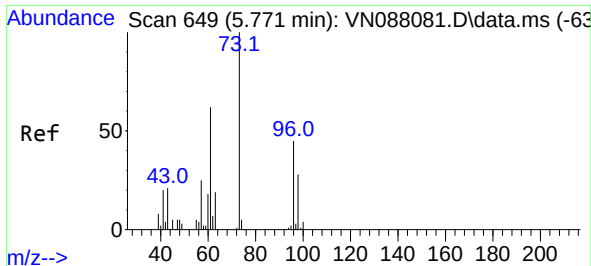
Tgt Ion: 73 Resp: 738964
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6



#20
Methylene Chloride
Concen: 57.040 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 84 Resp: 213890
Ion Ratio Lower Upper
84 100
49 142.5 103.4 155.2
51 41.4 33.8 50.8
86 61.7 49.6 74.4

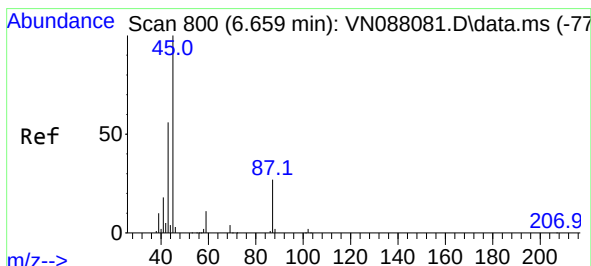
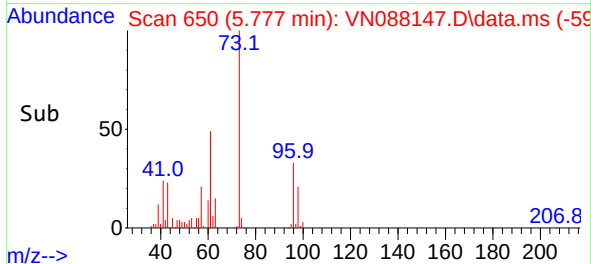
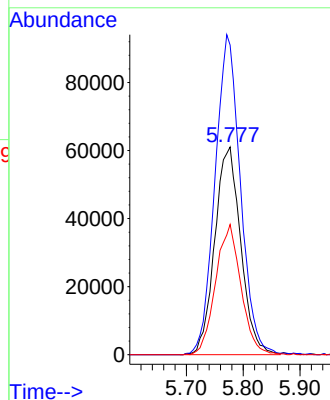
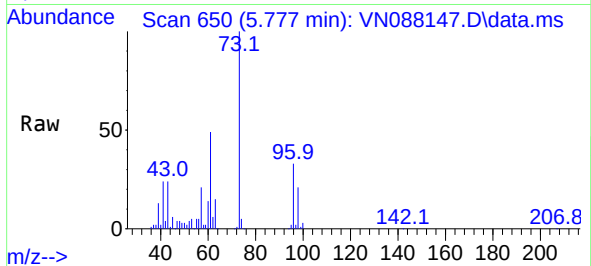




#21
trans-1,2-Dichloroethene
Concen: 50.813 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

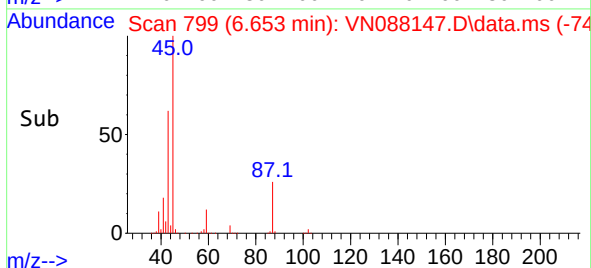
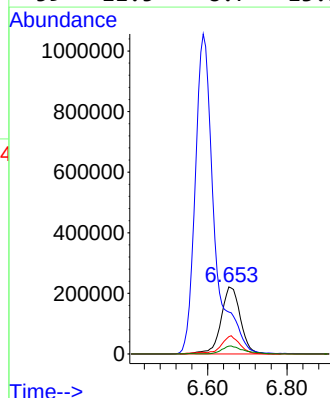
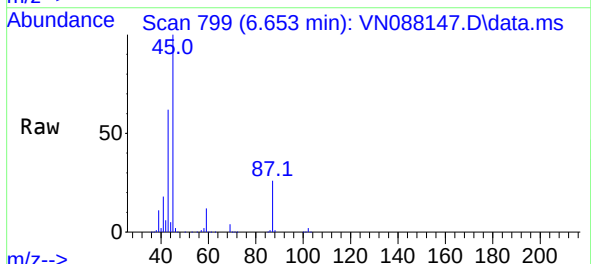
Instrument :
MSVOA_N
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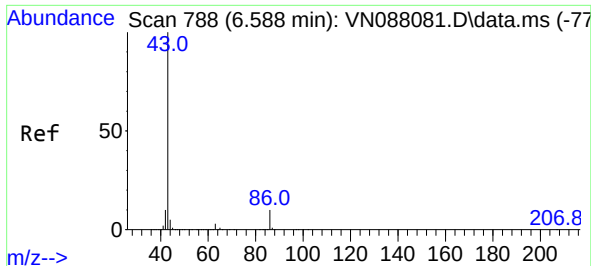
Tgt Ion: 96 Resp: 194037
Ion Ratio Lower Upper
96 100
61 149.0 118.0 177.0
98 62.7 50.0 75.0



#22
Diisopropyl ether
Concen: 58.490 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 45 Resp: 750083
Ion Ratio Lower Upper
45 100
43 61.5 47.7 71.5
87 25.8 21.4 32.0
59 11.5 8.7 13.1

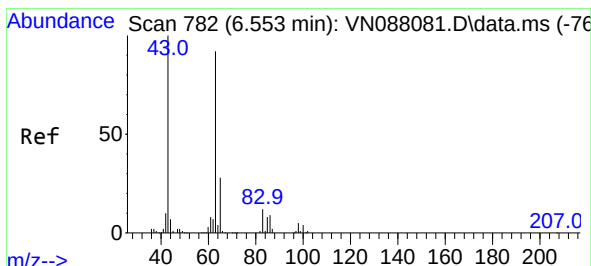
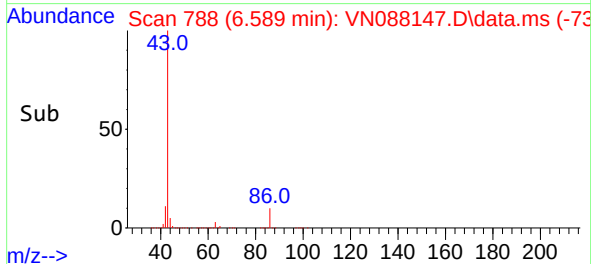
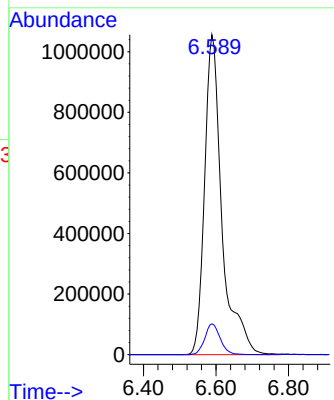
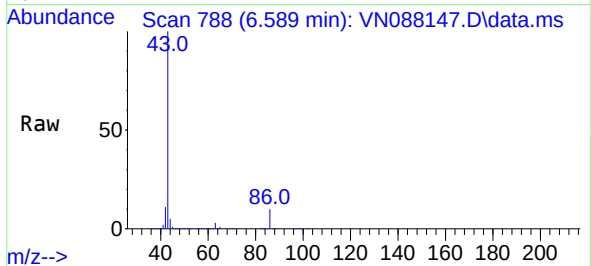




#23
 Vinyl Acetate
 Concen: 303.244 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088147.D
 Acq: 29 Oct 2025 10:24

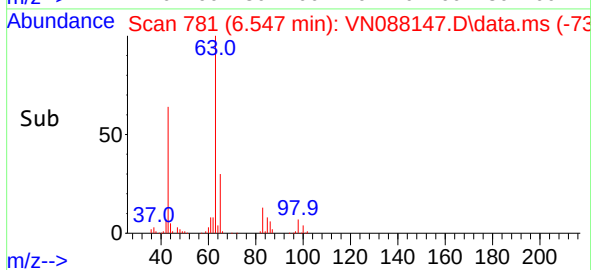
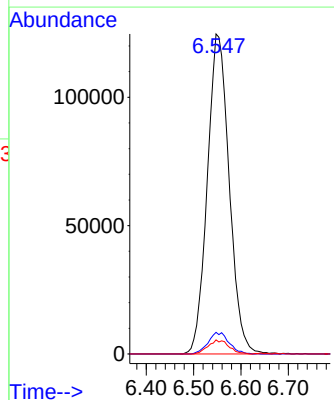
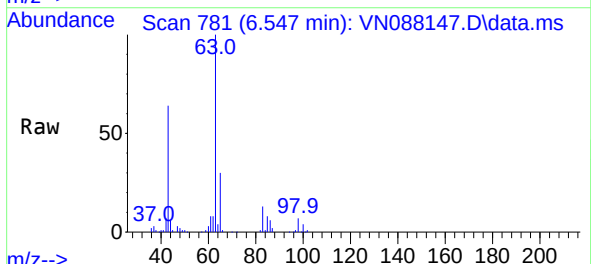
Instrument :
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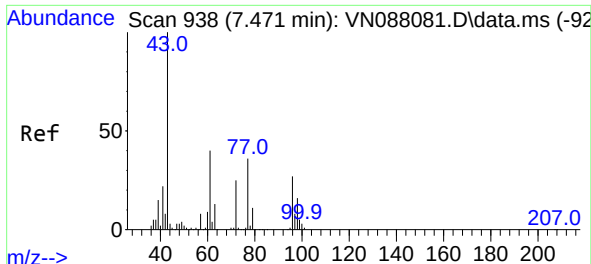
Tgt Ion: 43 Resp: 3502969
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 56.369 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN088147.D
 Acq: 29 Oct 2025 10:24

Tgt Ion: 63 Resp: 400432
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.4 2.0 6.0

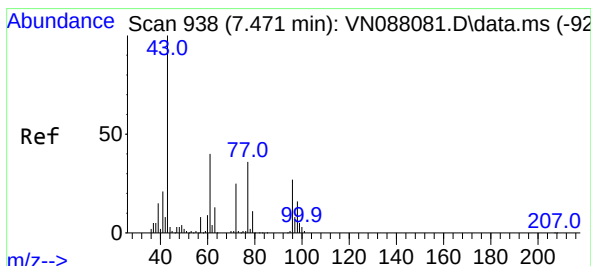
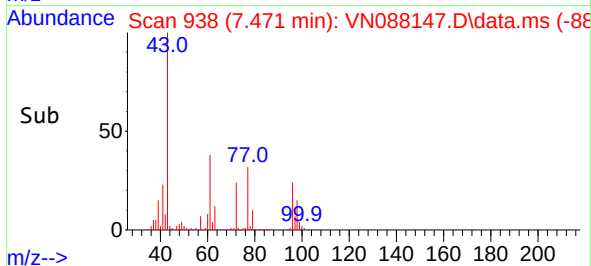
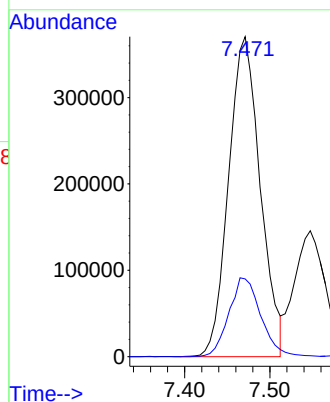
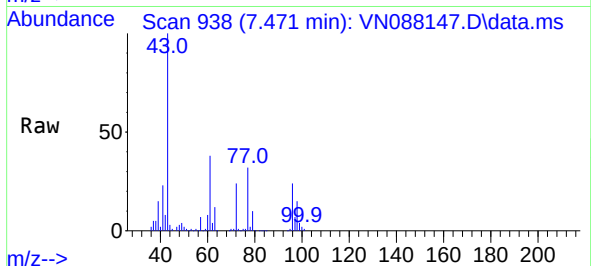




#25
2-Butanone
Concen: 302.314 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

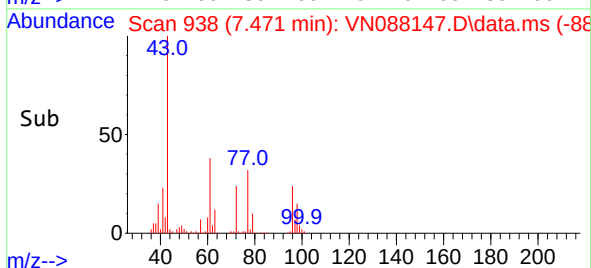
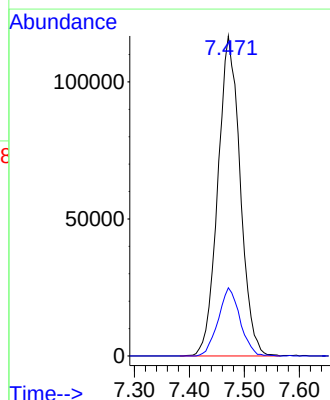
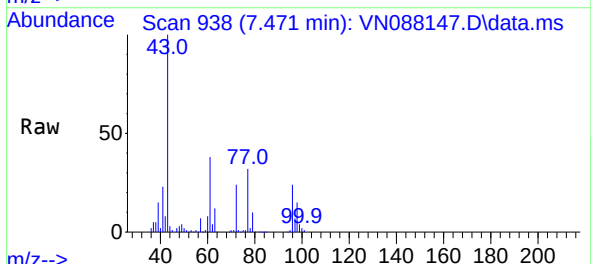
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

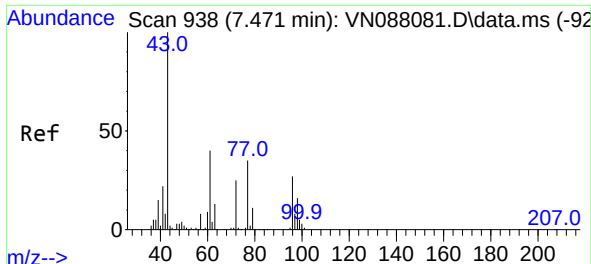
Tgt Ion: 43 Resp: 957991
Ion Ratio Lower Upper
43 100
72 24.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 50.991 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 77 Resp: 329175
Ion Ratio Lower Upper
77 100
97 20.9 10.9 32.7

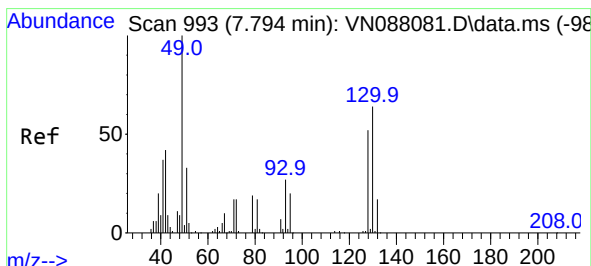
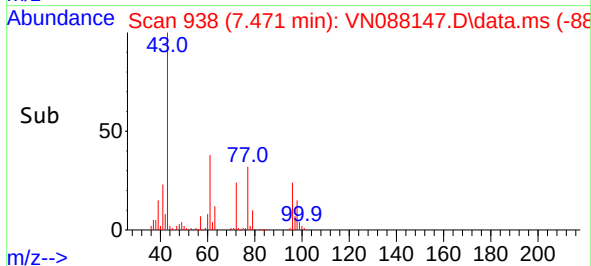
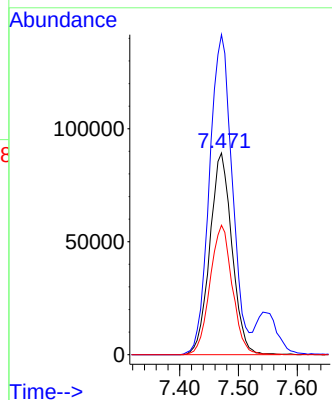
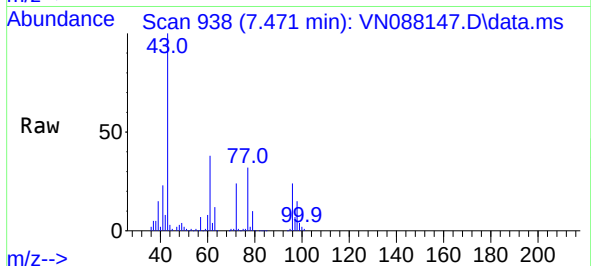




#27
cis-1,2-Dichloroethene
Concen: 53.098 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

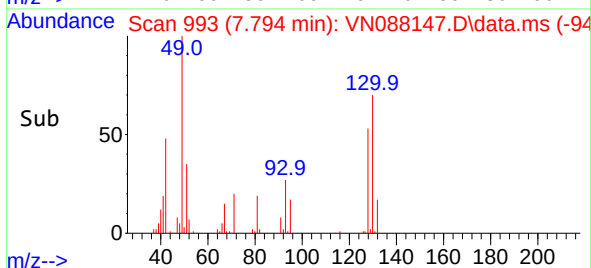
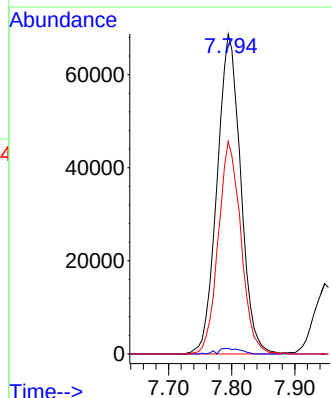
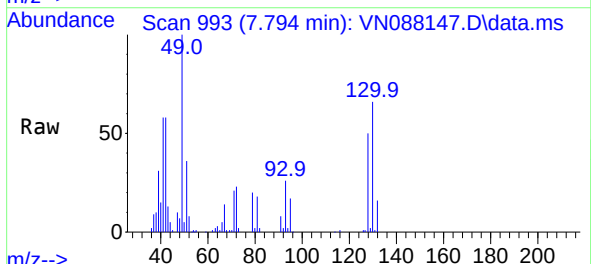
Instrument :
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ClientSampleId :
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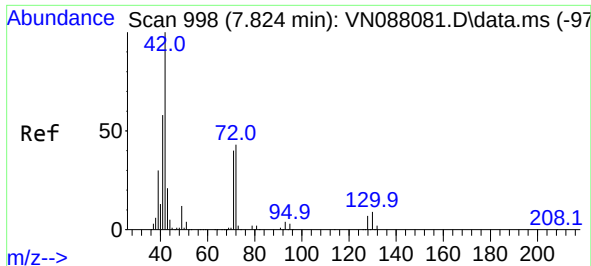
Tgt Ion: 96 Resp: 233426
Ion Ratio Lower Upper
96 100
61 162.7 0.0 301.8
98 64.6 0.0 126.2



#28
Bromochloromethane
Concen: 53.099 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 49 Resp: 178228
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.0
130 63.9 53.1 79.7

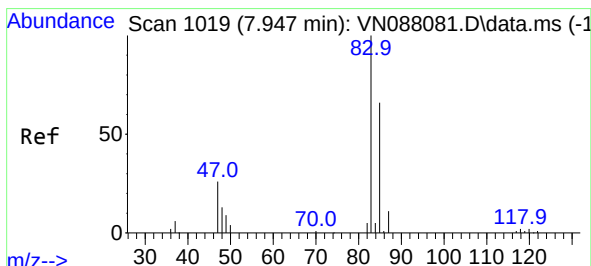
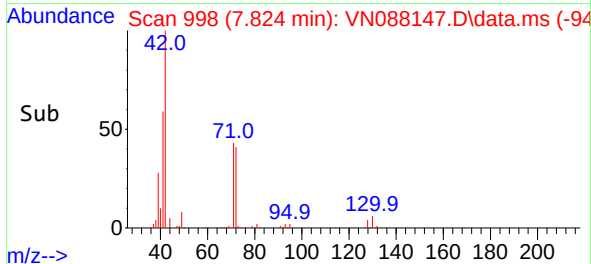
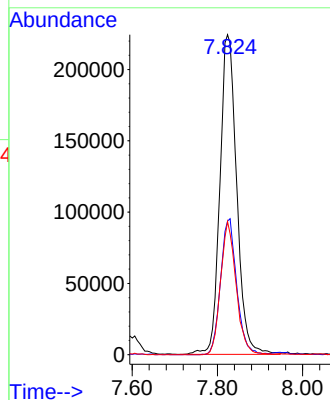
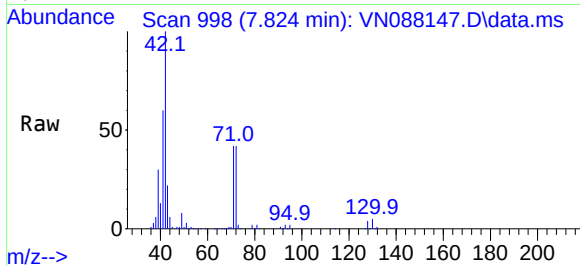




#29
Tetrahydrofuran
Concen: 297.454 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

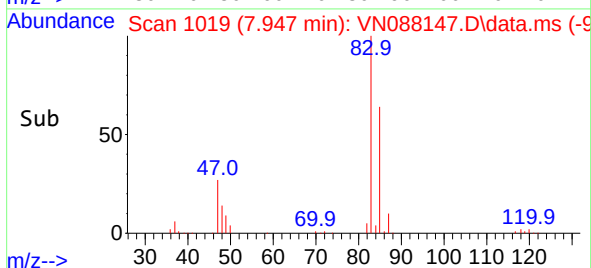
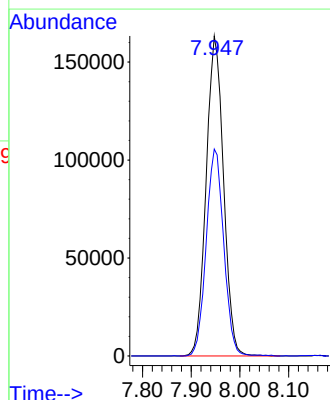
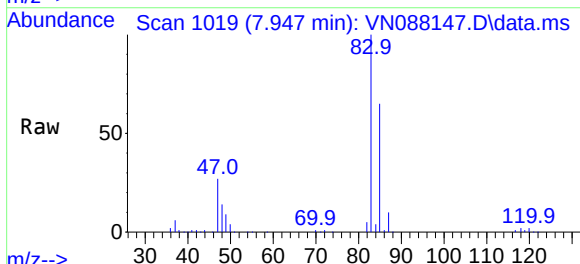
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ClientSampleId :
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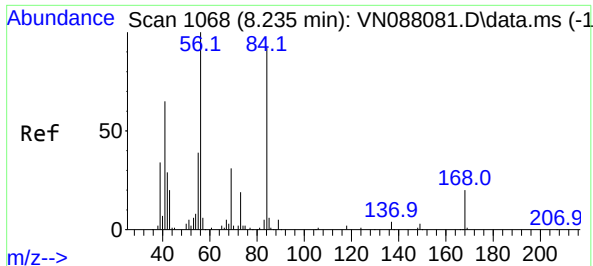
Tgt Ion: 42 Resp: 614290
Ion Ratio Lower Upper
42 100
72 40.7 33.7 50.5
71 38.4 31.9 47.9



#30
Chloroform
Concen: 56.883 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 83 Resp: 403678
Ion Ratio Lower Upper
83 100
85 64.7 50.7 76.1

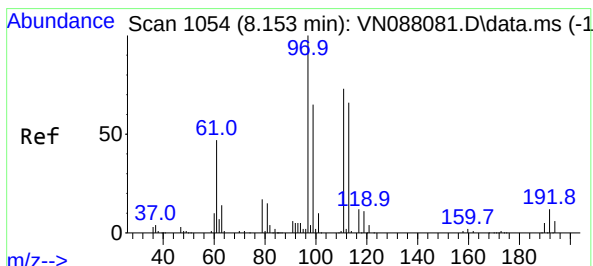
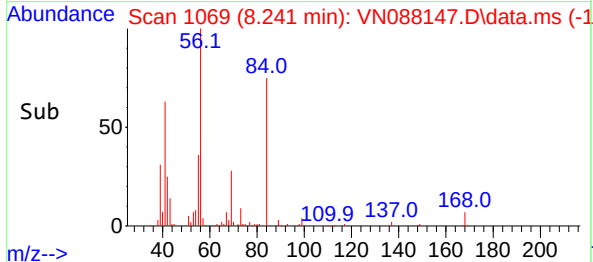
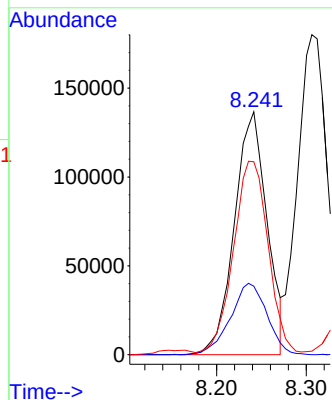
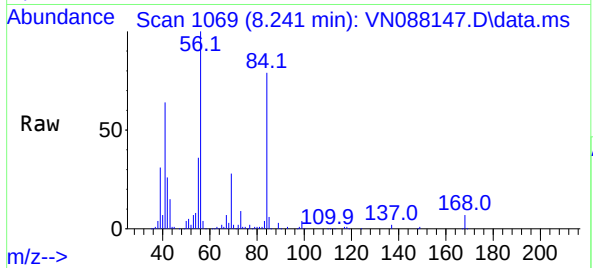




#31
Cyclohexane
Concen: 51.445 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

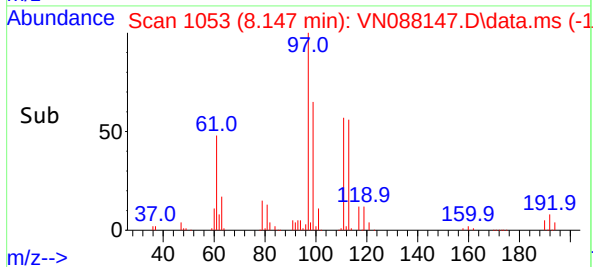
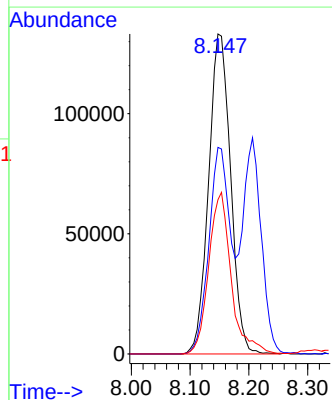
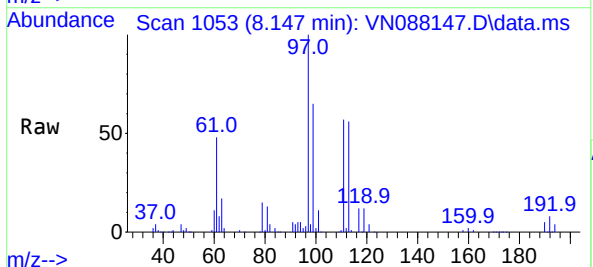
Instrument :
MSVOA_N
ClientSampleId :
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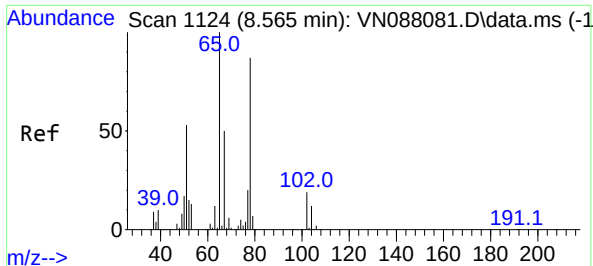
Tgt Ion: 56 Resp: 344672
Ion Ratio Lower Upper
56 100
69 28.2 23.7 35.5
84 77.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 54.826 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 97 Resp: 346537
Ion Ratio Lower Upper
97 100
99 62.5 52.2 78.2
61 51.7 41.2 61.8

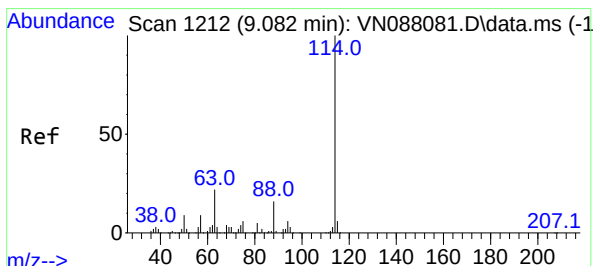
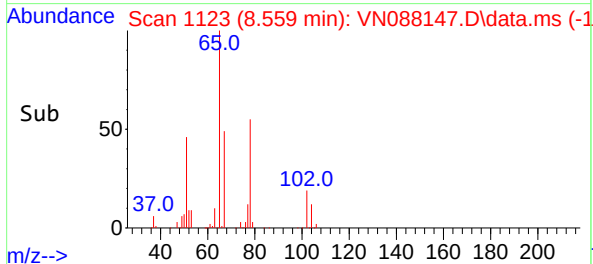
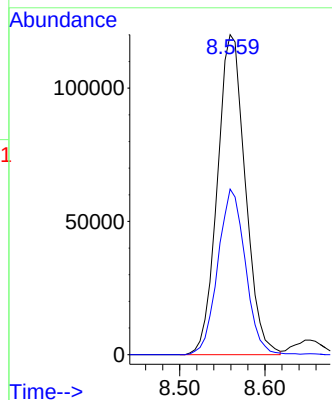
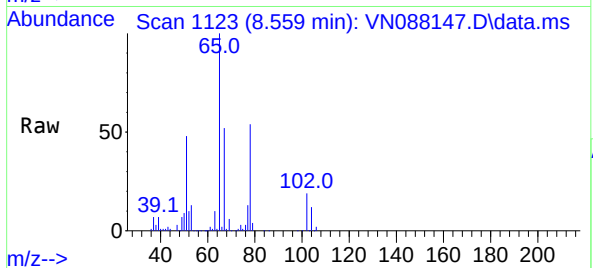




#33
1,2-Dichloroethane-d4
Concen: 57.164 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

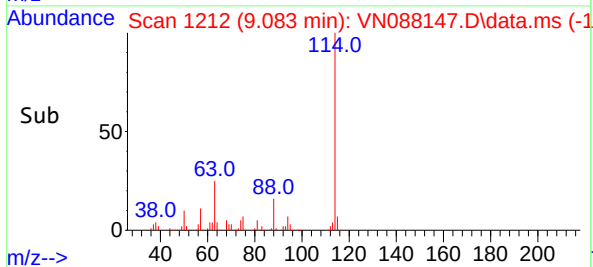
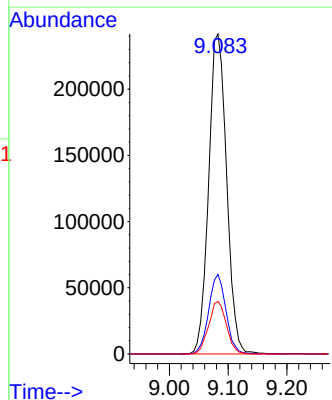
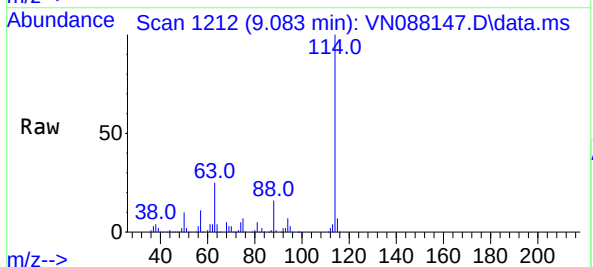
Instrument :
MSVOA_N
ClientSampleId :
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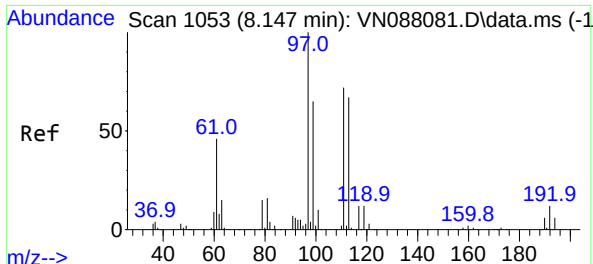
Tgt Ion: 65 Resp: 273604
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:114 Resp: 513941
Ion Ratio Lower Upper
114 100
63 24.9 0.0 45.2
88 16.4 0.0 33.4

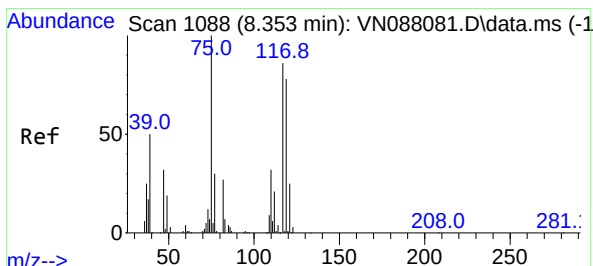
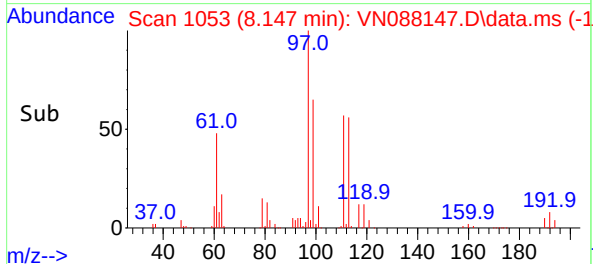
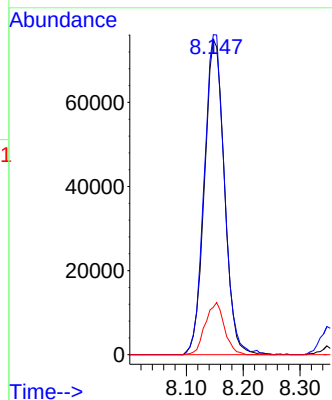
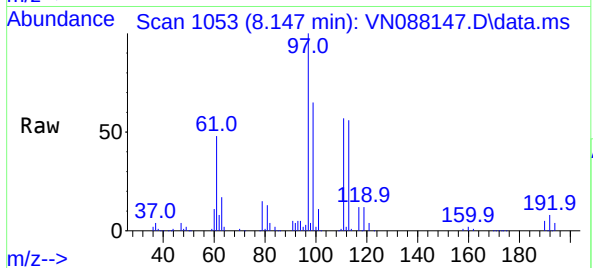




#35
Dibromofluoromethane
Concen: 52.765 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

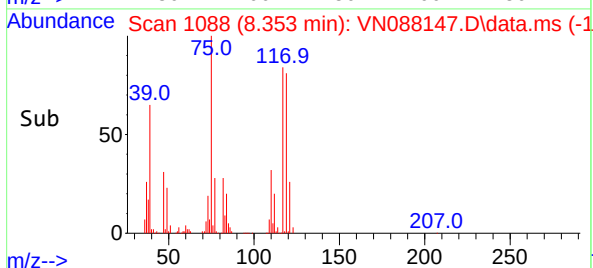
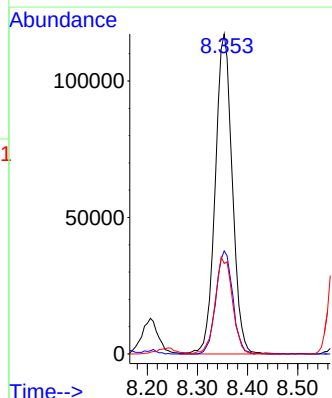
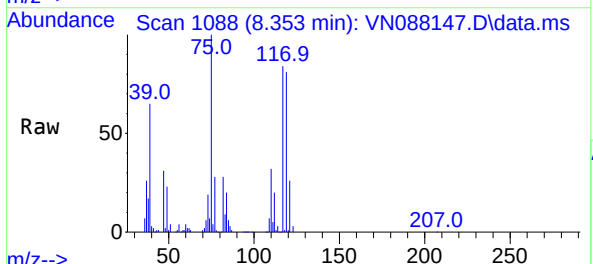
Instrument :
MSVOA_N
ClientSampleId :
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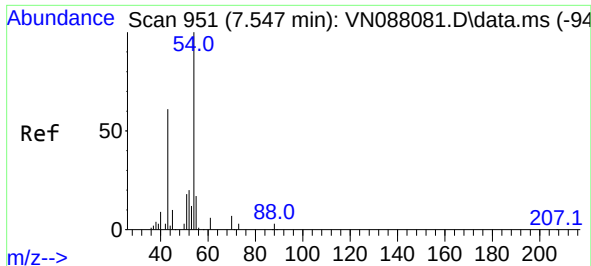
Tgt Ion:113 Resp: 182180
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 16.0 12.8 19.2



#36
1,1-Dichloropropene
Concen: 54.787 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 75 Resp: 276199
Ion Ratio Lower Upper
75 100
110 31.8 15.9 47.6
77 30.7 24.4 36.6

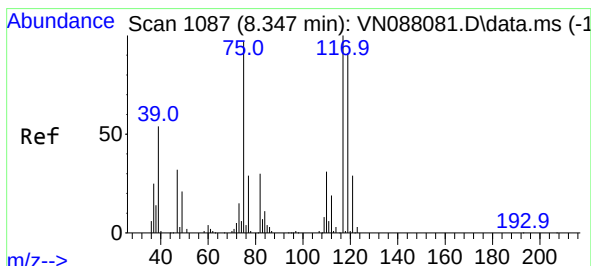
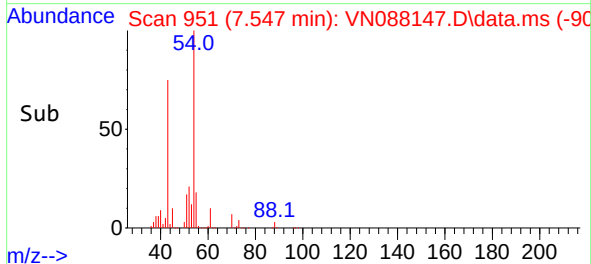
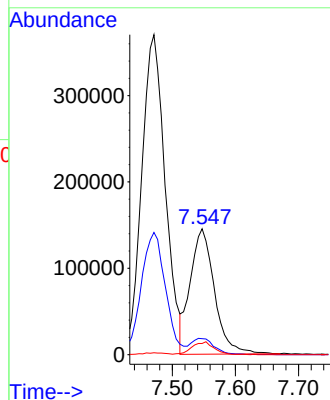
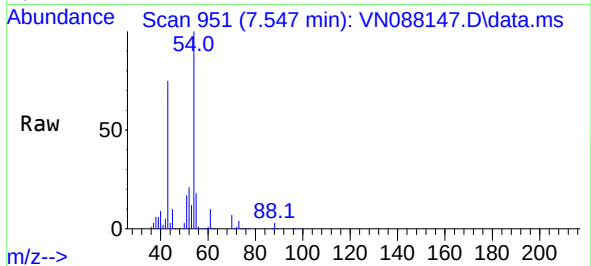




#37
Ethyl Acetate
Concen: 59.645 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

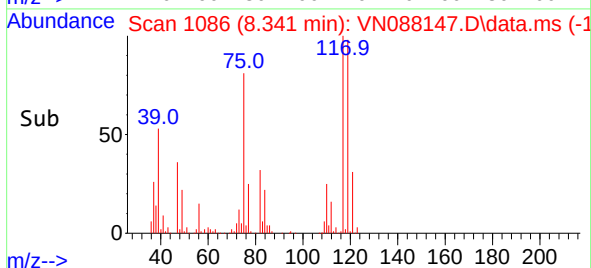
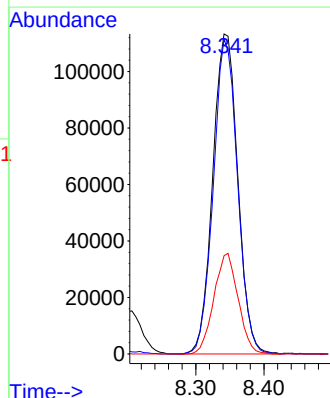
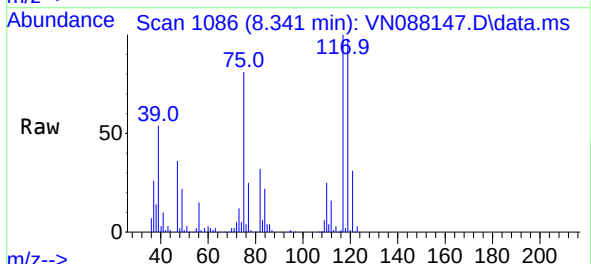
Instrument :
MSVOA_N
ClientSampleId :
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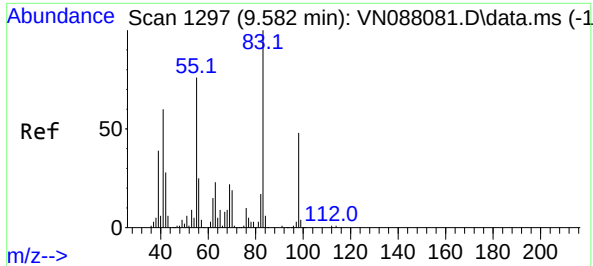
Tgt Ion: 43 Resp: 388034
Ion Ratio Lower Upper
43 100
61 12.7 9.3 13.9
70 9.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 55.515 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 117 Resp: 289057
Ion Ratio Lower Upper
117 100
119 98.3 79.0 118.6
121 30.7 25.0 37.6

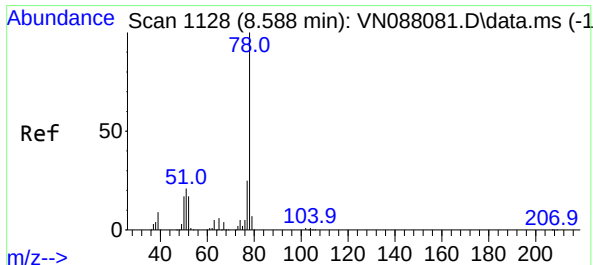
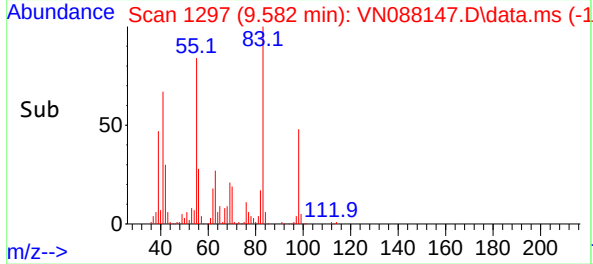
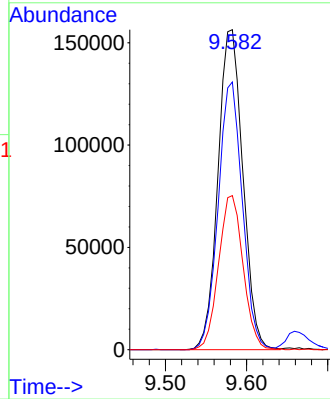
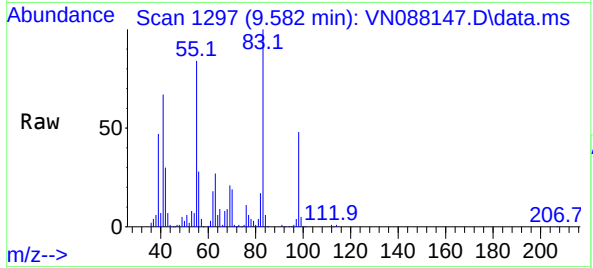




#39
Methylcyclohexane
Concen: 51.455 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

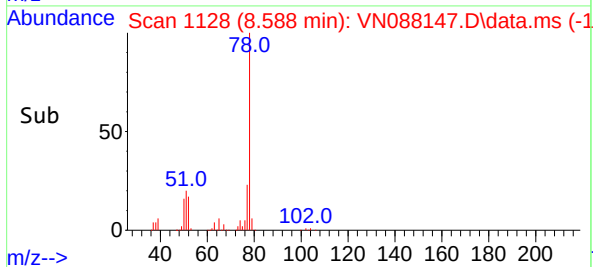
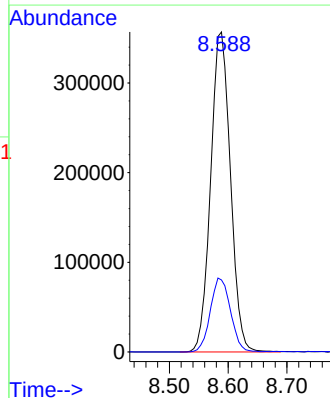
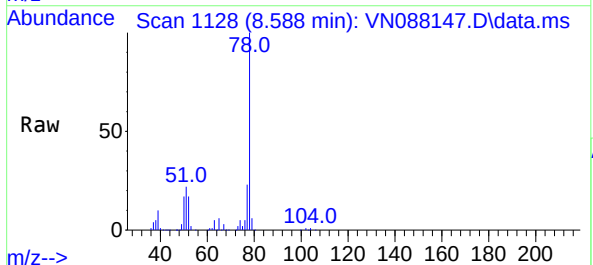
Instrument :
MSVOA_N
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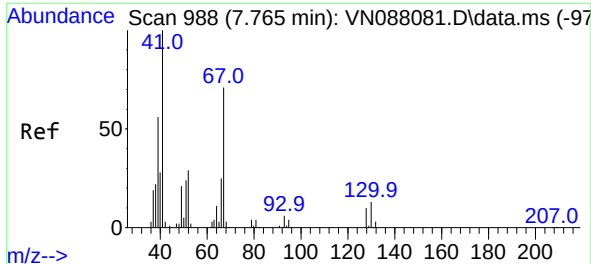
Tgt Ion: 83 Resp: 333429
Ion Ratio Lower Upper
83 100
55 83.7 64.6 96.8
98 48.1 38.4 57.6



#40
Benzene
Concen: 54.311 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 78 Resp: 833839
Ion Ratio Lower Upper
78 100
77 22.5 19.7 29.5

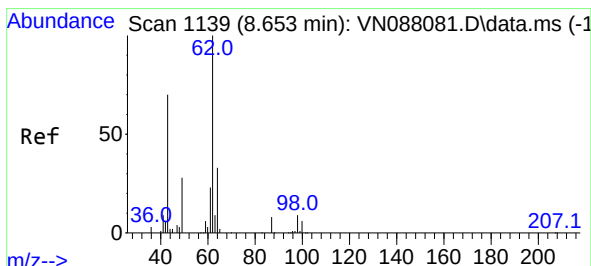
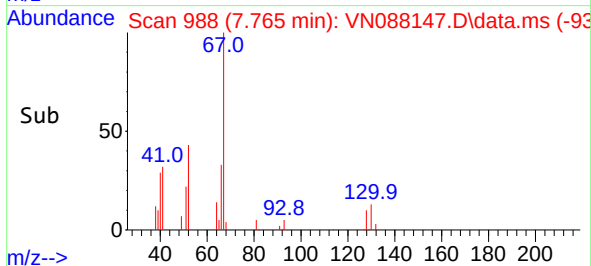
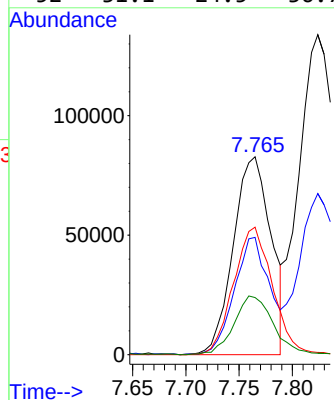
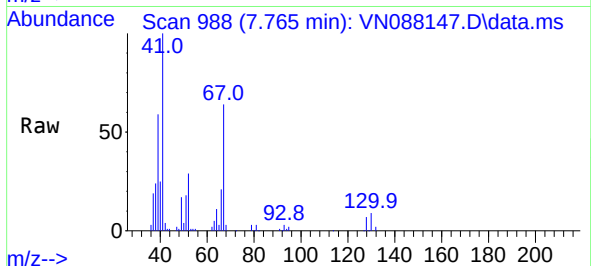




#41
Methacrylonitrile
Concen: 59.696 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

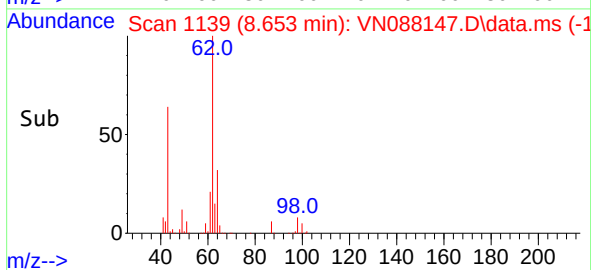
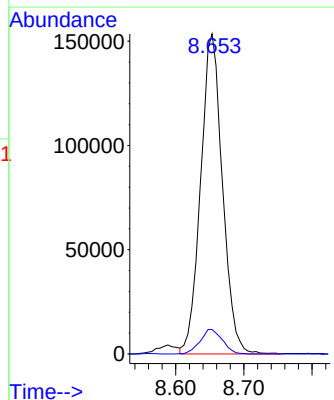
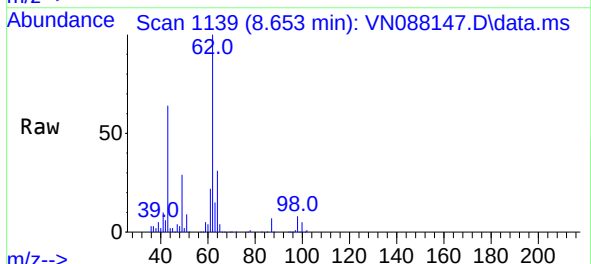
Instrument :
MSVOA_N
ClientSampleId :
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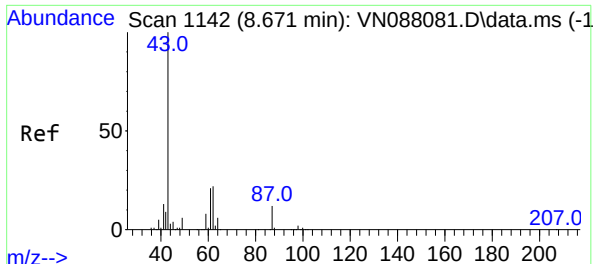
Tgt Ion: 41 Resp: 204403
Ion Ratio Lower Upper
41 100
39 55.5 45.4 68.0
67 66.5 55.3 82.9
52 31.1 24.5 36.7



#42
1,2-Dichloroethane
Concen: 62.613 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 62 Resp: 341565
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.4

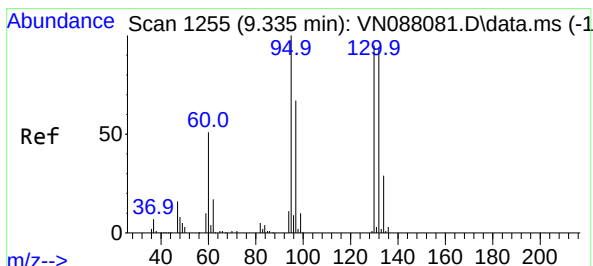
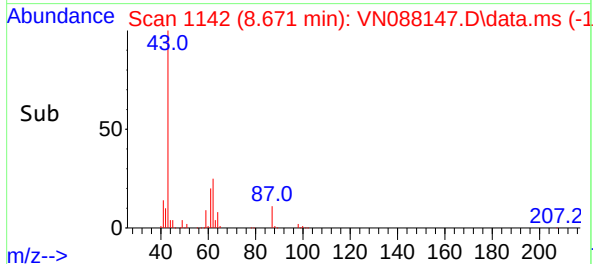
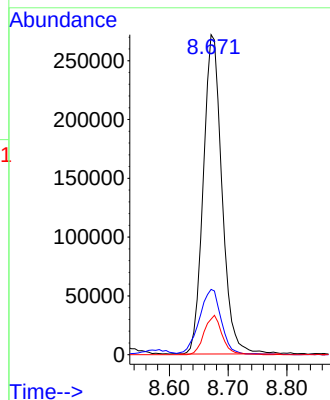
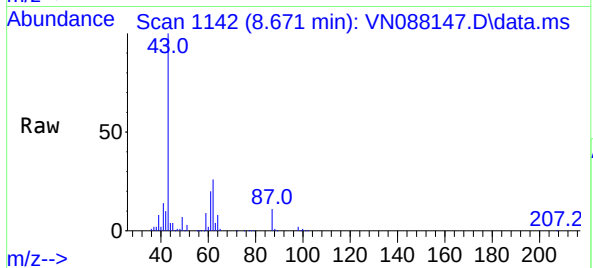




#43
Isopropyl Acetate
Concen: 59.852 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

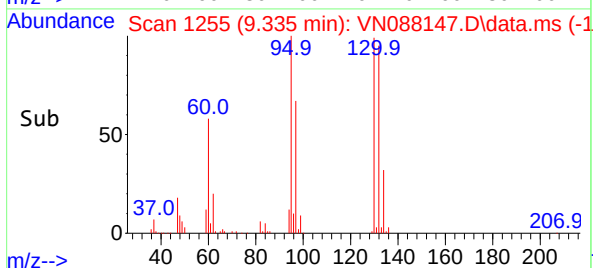
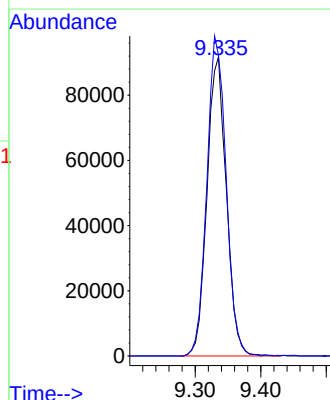
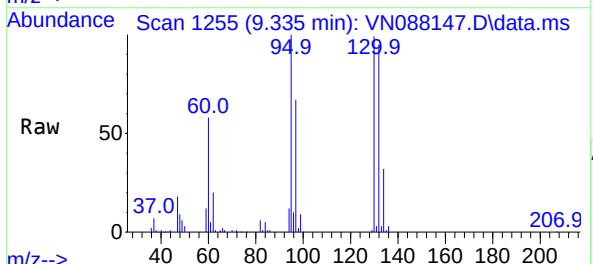
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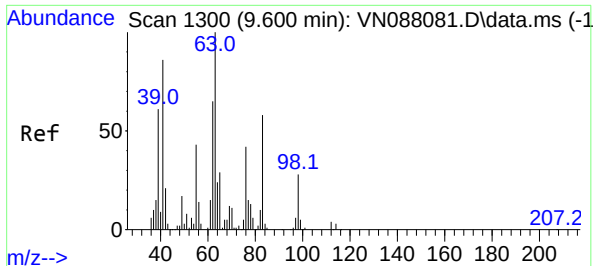
Tgt Ion: 43 Resp: 598332
Ion Ratio Lower Upper
43 100
61 23.6 18.8 28.2
87 11.9 9.6 14.4



#44
Trichloroethene
Concen: 52.421 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:130 Resp: 188118
Ion Ratio Lower Upper
130 100
95 100.6 0.0 212.0

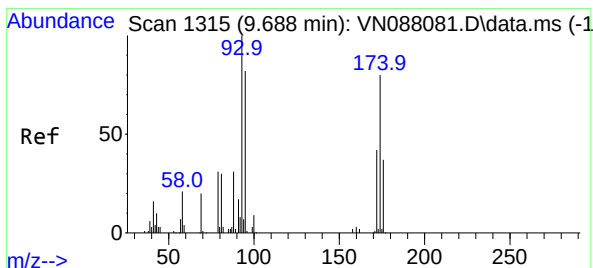
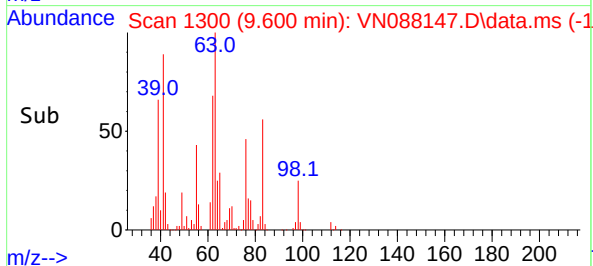
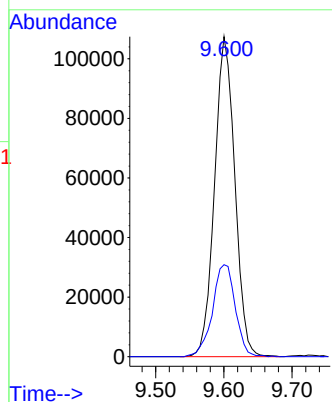
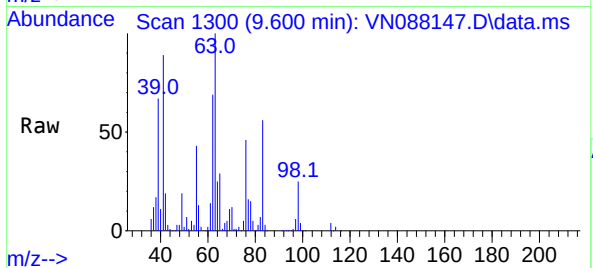




#45
1,2-Dichloropropane
Concen: 57.398 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

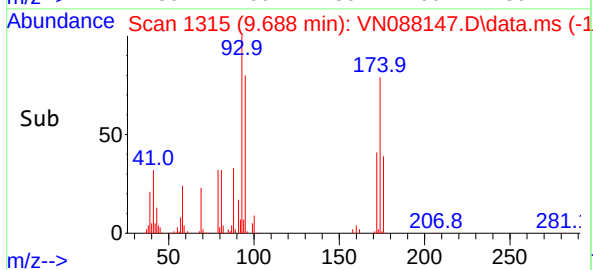
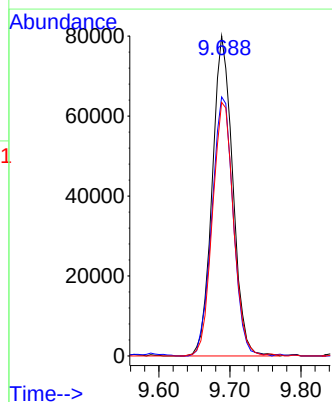
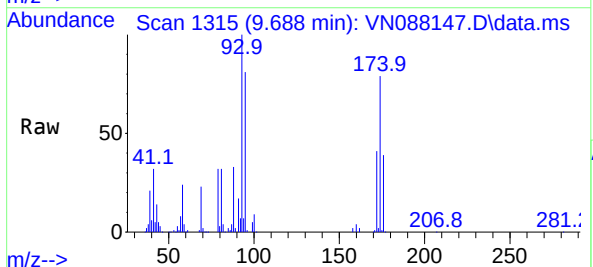
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

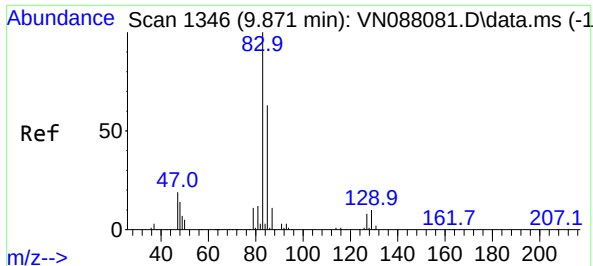
Tgt Ion: 63 Resp: 222476
Ion Ratio Lower Upper
63 100
65 28.8 25.0 37.4



#46
Dibromomethane
Concen: 58.034 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 93 Resp: 160429
Ion Ratio Lower Upper
93 100
95 83.8 66.2 99.4
174 81.2 63.4 95.2

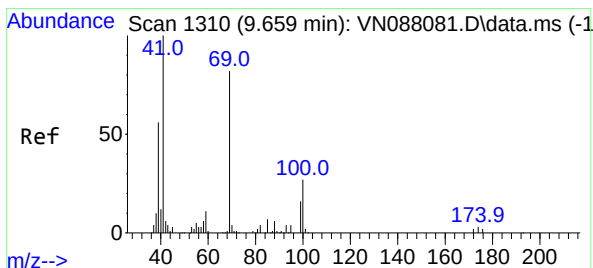
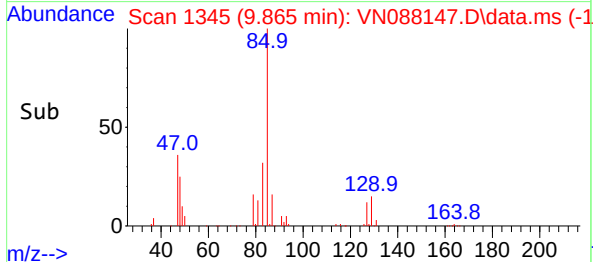
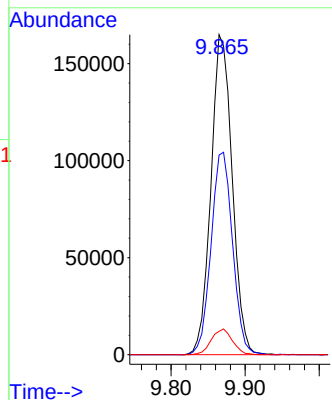
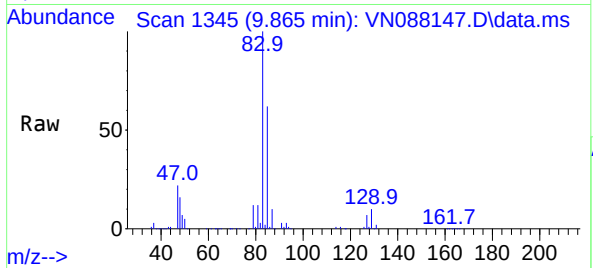




#47
Bromodichloromethane
Concen: 59.340 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

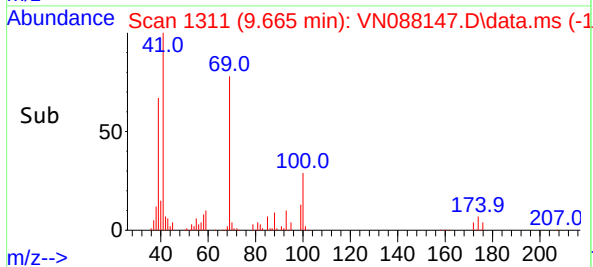
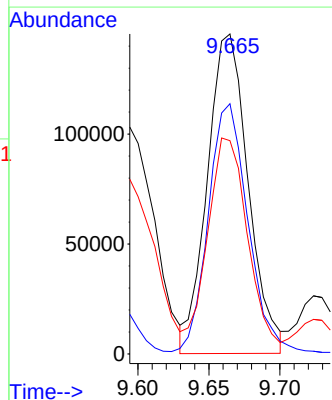
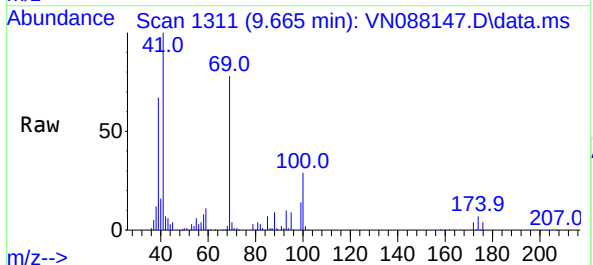
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

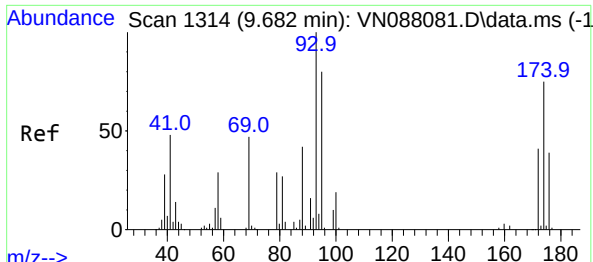
Tgt Ion: 83 Resp: 328426
Ion Ratio Lower Upper
83 100
85 62.4 52.5 78.7
127 7.3 5.8 8.6



#48
Methyl methacrylate
Concen: 63.068 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 41 Resp: 291080
Ion Ratio Lower Upper
41 100
69 76.2 62.7 94.1
39 66.8 52.9 79.3

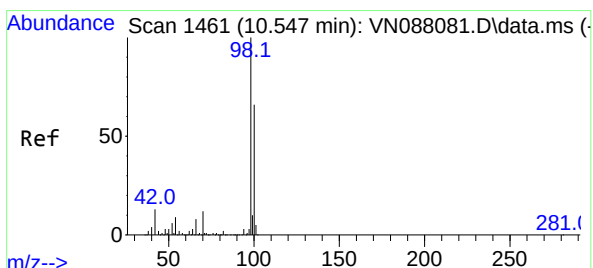
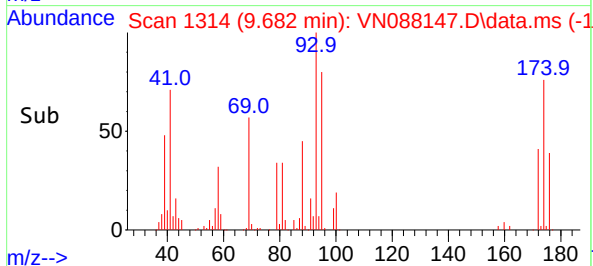
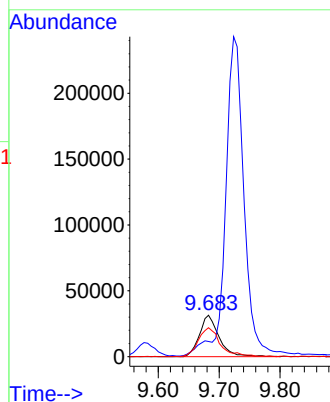
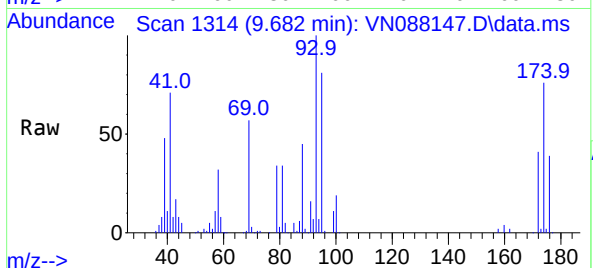




#49
1,4-Dioxane
Concen: 1220.741 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

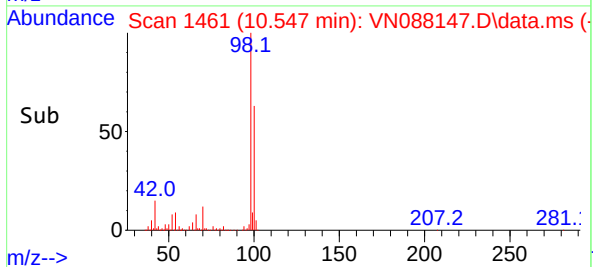
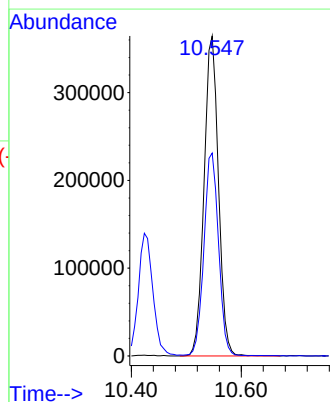
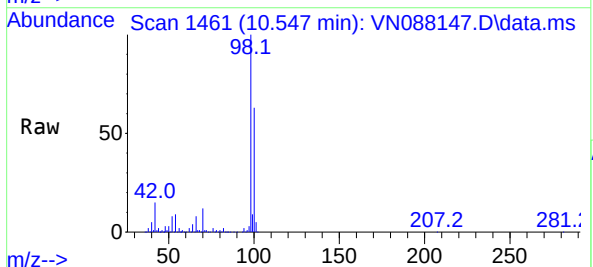
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

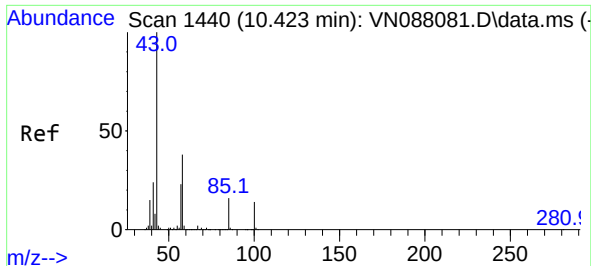
Tgt Ion: 88 Resp: 70074
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.7 57.9 86.9



#50
Toluene-d8
Concen: 49.751 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 98 Resp: 661877
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2

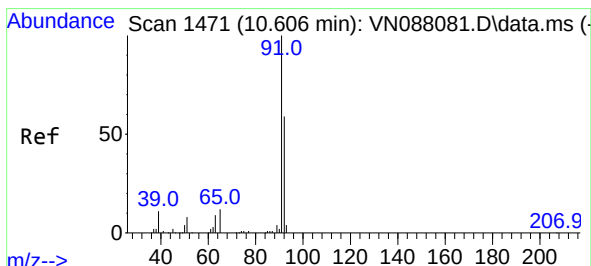
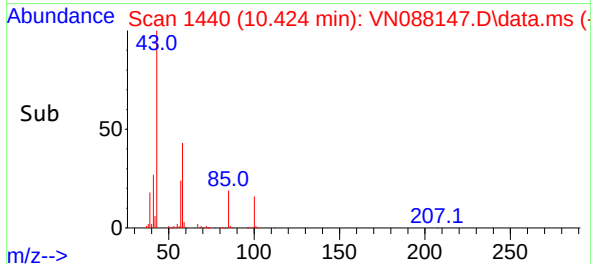
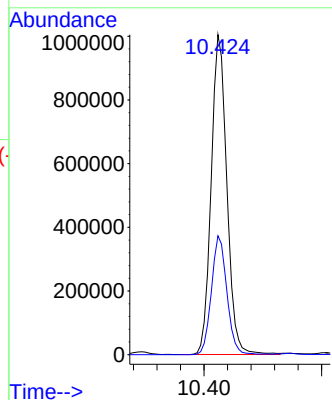
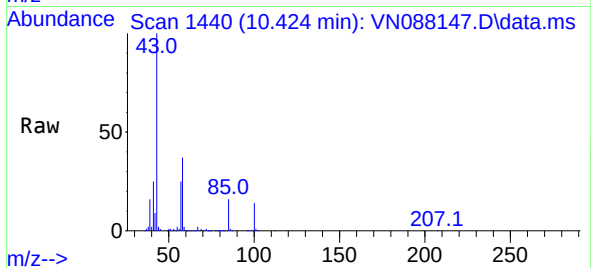




#51
4-Methyl-2-Pentanone
Concen: 314.348 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

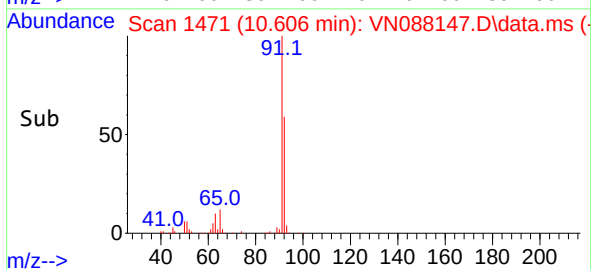
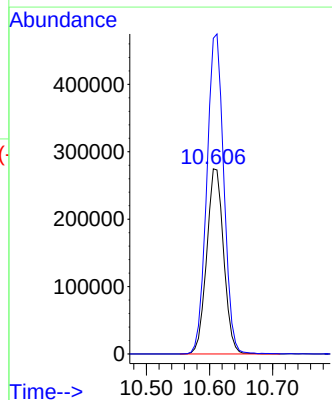
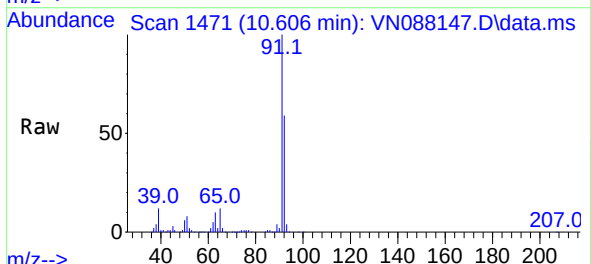
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

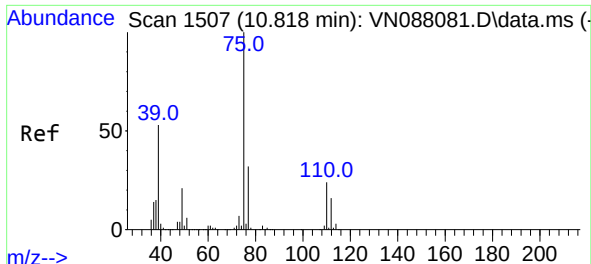
Tgt Ion: 43 Resp: 1859047
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4



#52
Toluene
Concen: 54.169 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 92 Resp: 512754
Ion Ratio Lower Upper
92 100
91 173.3 140.4 210.6

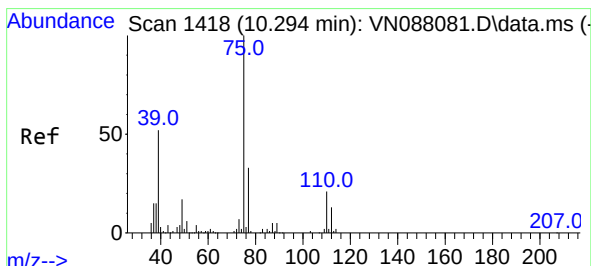
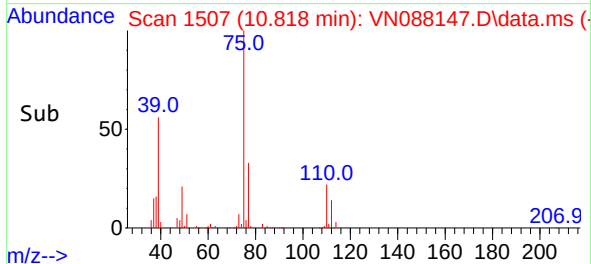
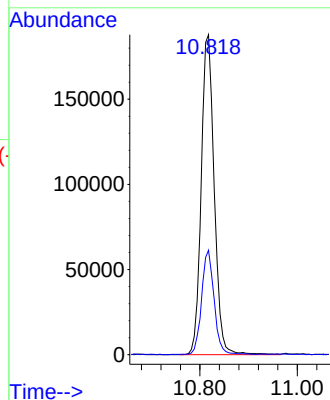
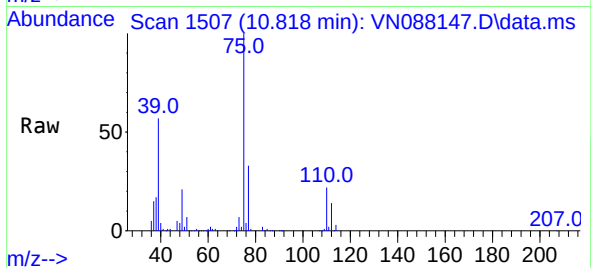




#53
t-1,3-Dichloropropene
Concen: 59.154 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

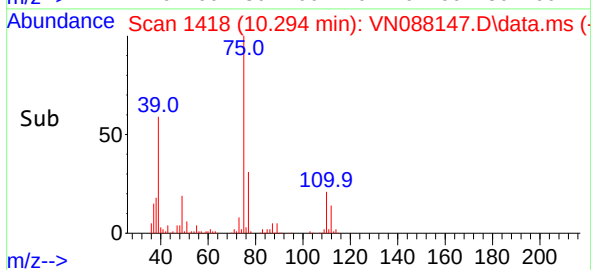
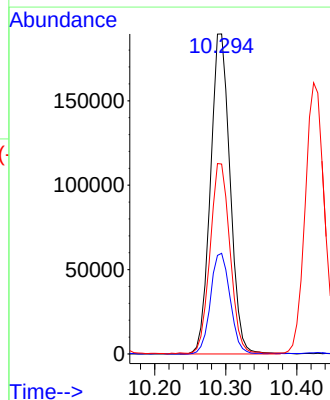
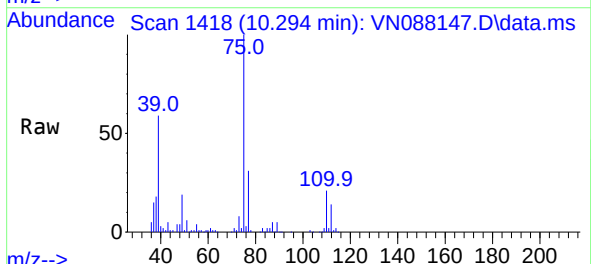
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

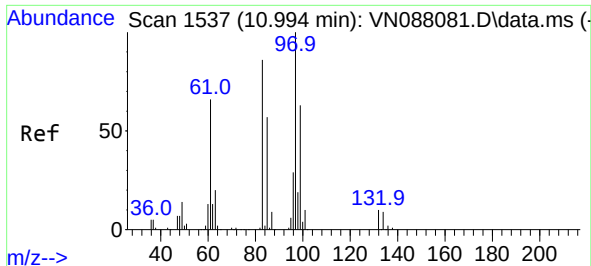
Tgt Ion: 75 Resp: 348452
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 58.175 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 75 Resp: 363639
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0
39 59.1 45.2 67.8



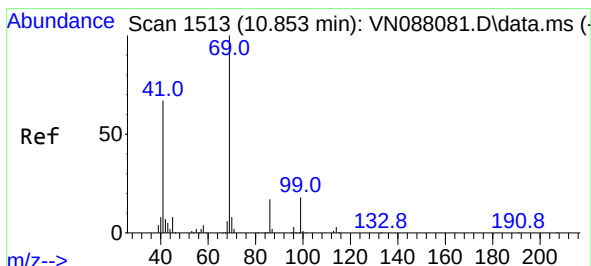
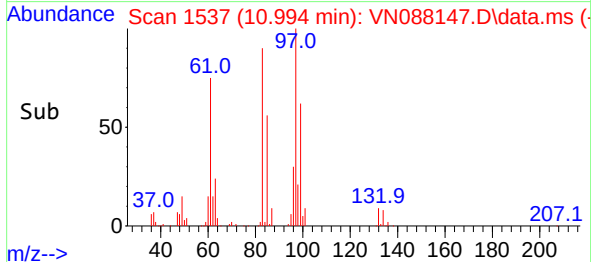
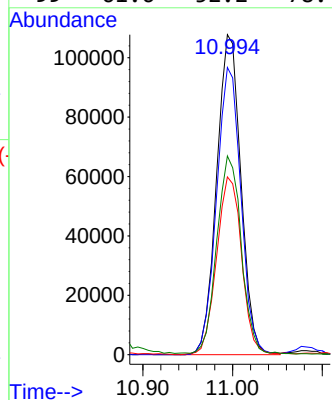
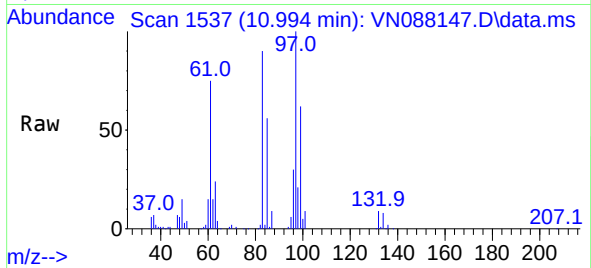


#55
1,1,2-Trichloroethane
Concen: 56.371 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 202441

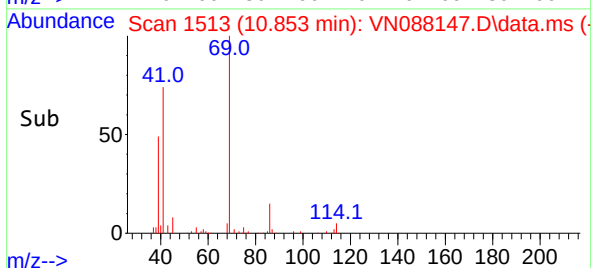
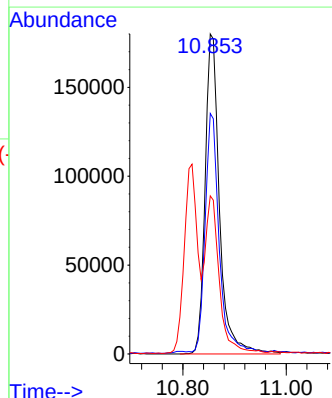
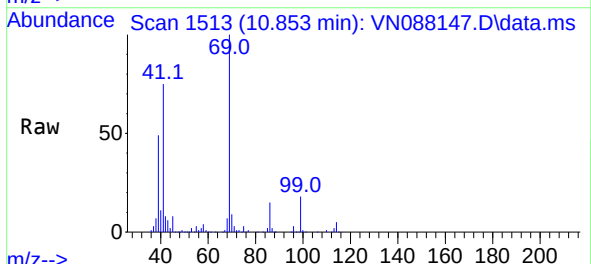
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.2	102.4
85	55.6	45.5	68.3
99	61.6	52.2	78.4

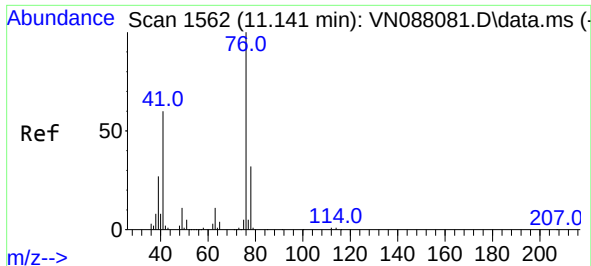


#56
Ethyl methacrylate
Concen: 61.271 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 69 Resp: 348210

Ion	Ratio	Lower	Upper
69	100		
41	71.6	56.5	84.7
39	47.3	34.2	51.4





#57

1,3-Dichloropropane

Concen: 58.541 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088147.D

Acq: 29 Oct 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

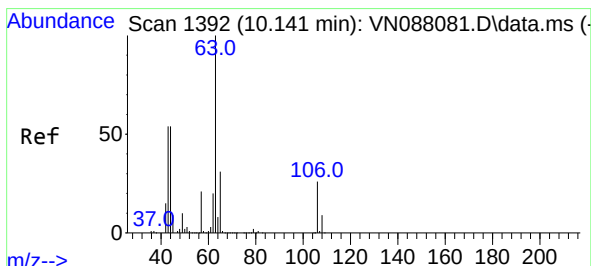
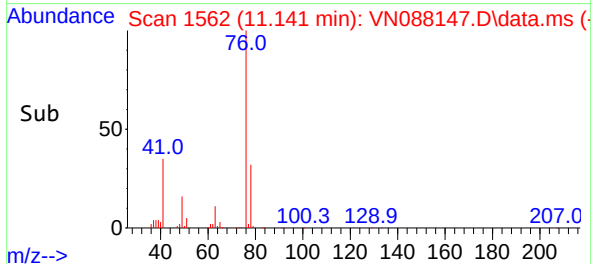
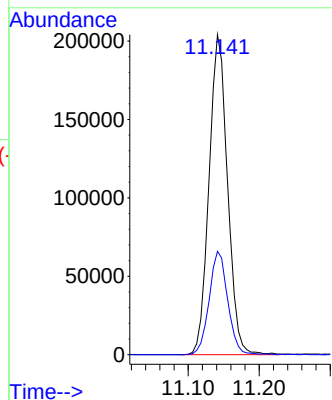
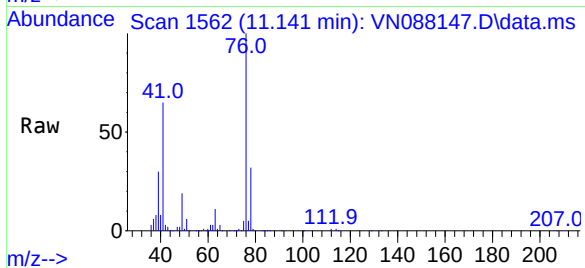
VSTDCCC050

Tgt Ion: 76 Resp: 369528

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 326.334 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088147.D

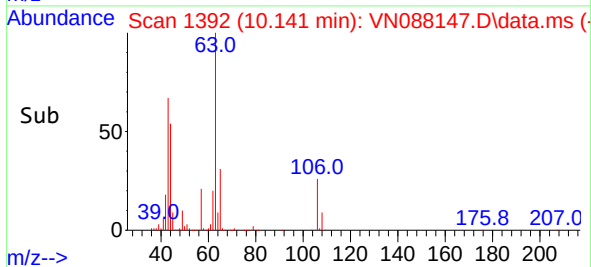
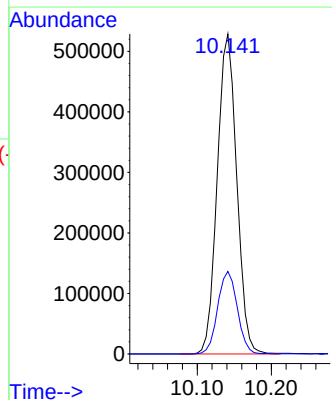
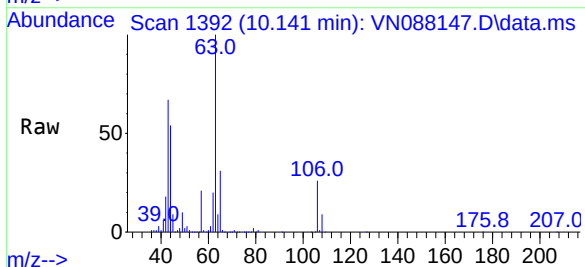
Acq: 29 Oct 2025 10:24

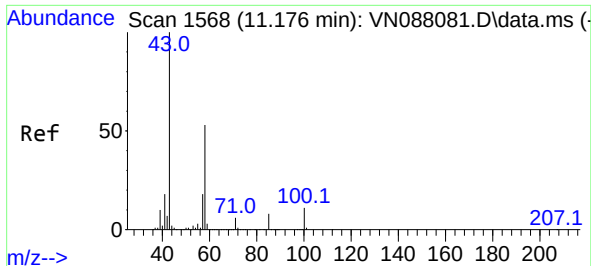
Tgt Ion: 63 Resp: 964688

Ion Ratio Lower Upper

63 100

106 26.0 21.1 31.7

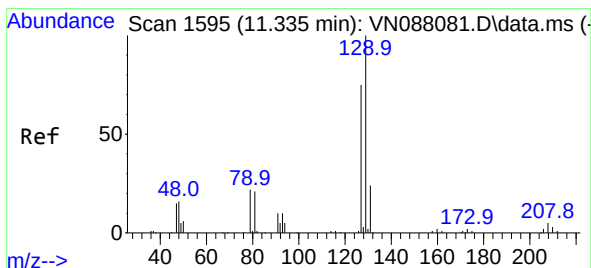
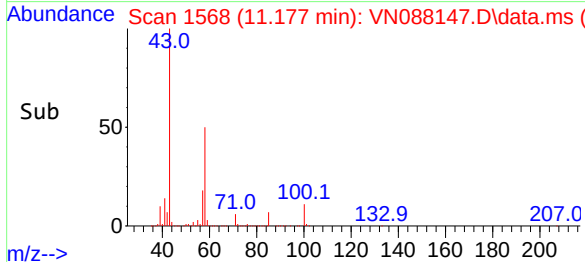
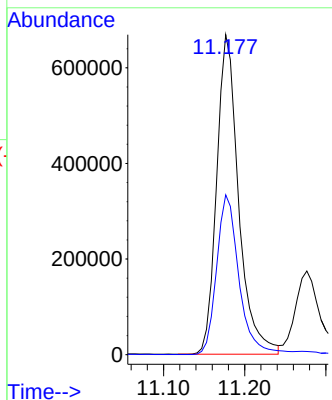
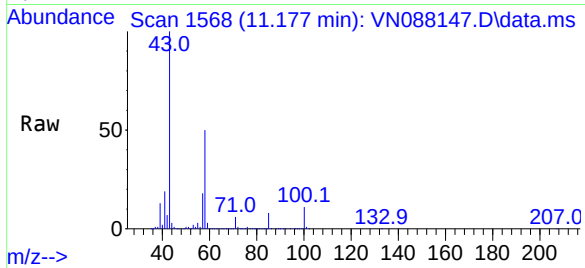




#59
2-Hexanone
Concen: 321.167 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

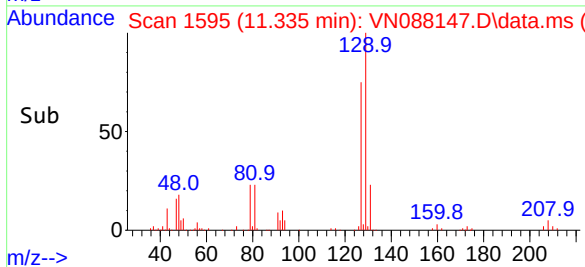
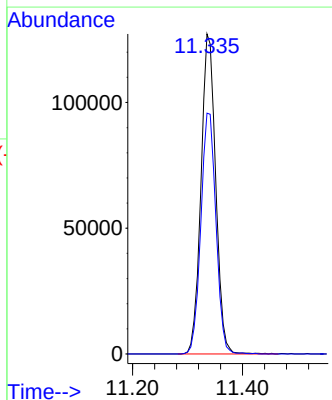
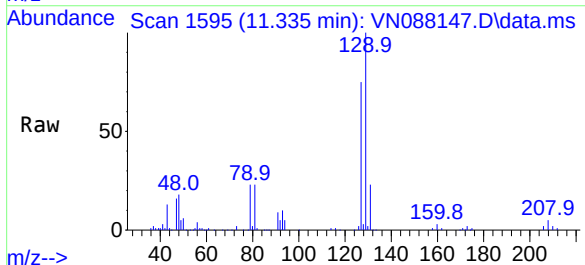
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

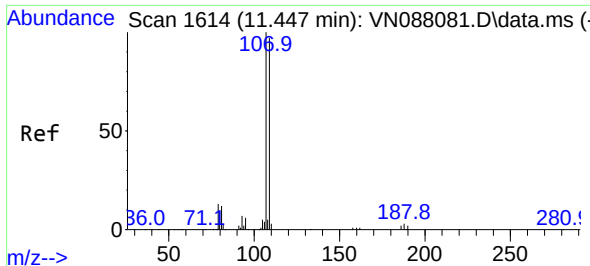
Tgt Ion: 43 Resp: 1260002
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.8



#60
Dibromochloromethane
Concen: 57.806 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:129 Resp: 235956
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

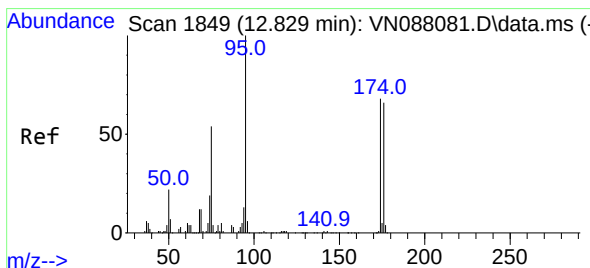
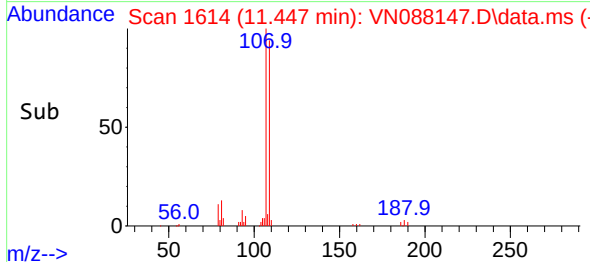
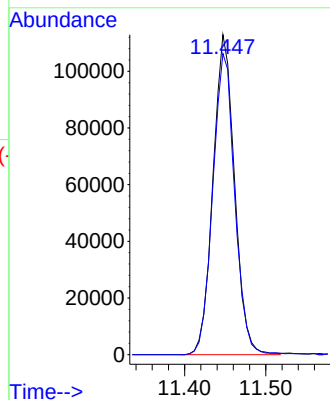
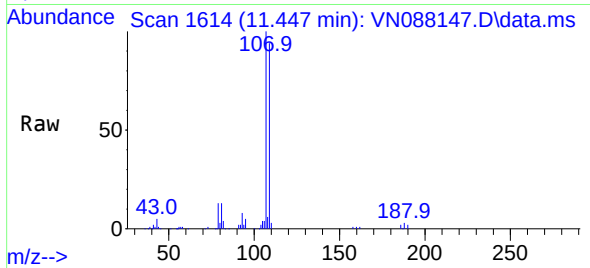




#61
1,2-Dibromoethane
Concen: 56.195 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

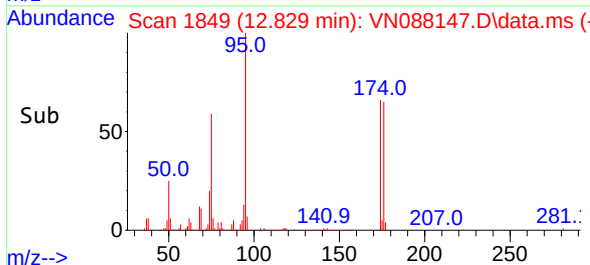
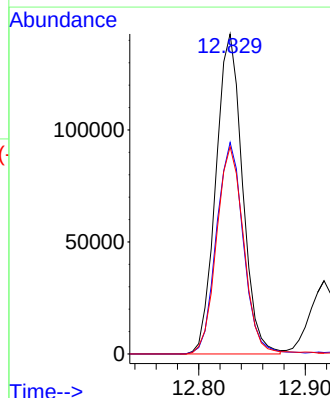
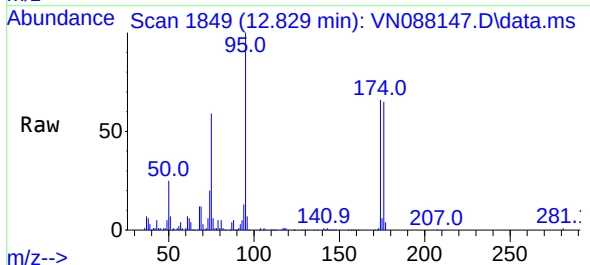
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

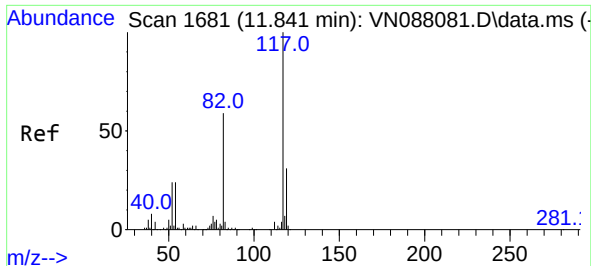
Tgt Ion:107 Resp: 207697
Ion Ratio Lower Upper
107 100
109 96.2 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 52.687 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 95 Resp: 247544
Ion Ratio Lower Upper
95 100
174 67.1 0.0 138.4
176 66.2 0.0 132.6

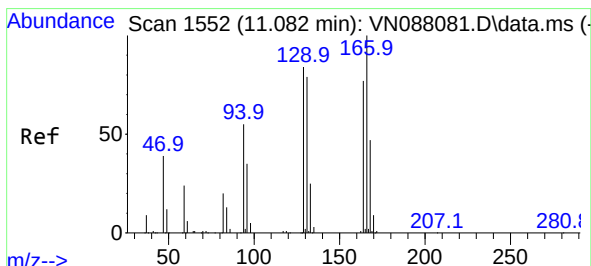
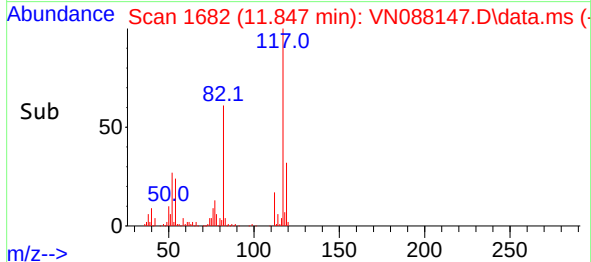
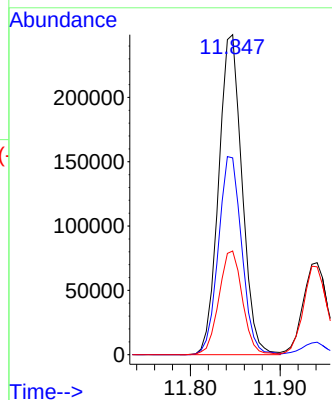
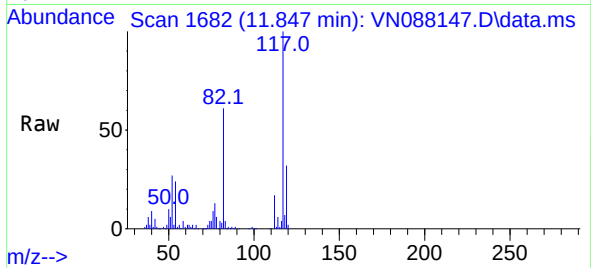




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

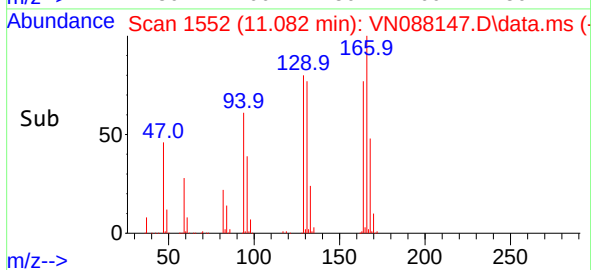
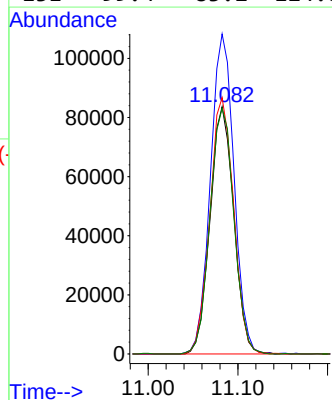
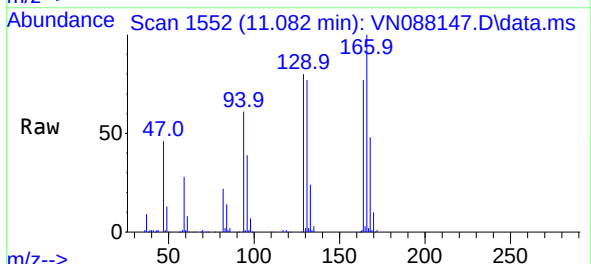
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

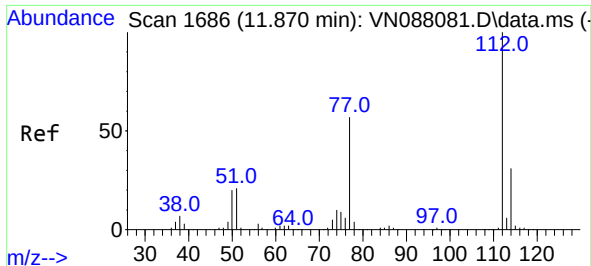
Tgt Ion:117 Resp: 450607
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.4 24.3 36.5



#64
Tetrachloroethene
Concen: 51.526 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:164 Resp: 153151
Ion Ratio Lower Upper
164 100
166 129.5 97.7 146.5
129 103.7 85.9 128.9
131 99.4 83.2 124.8

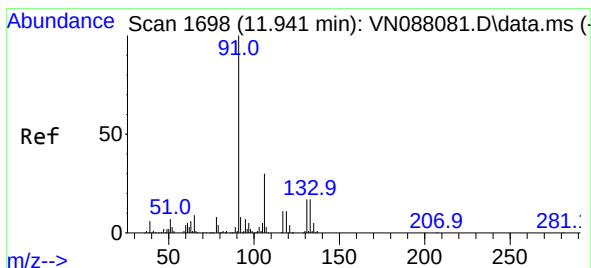
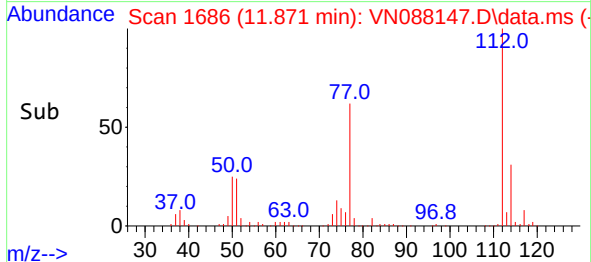
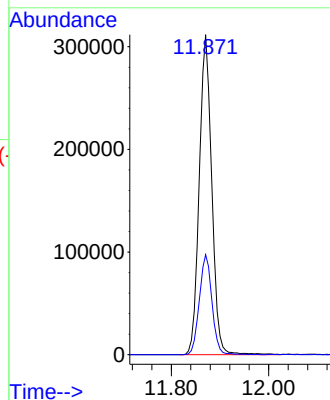
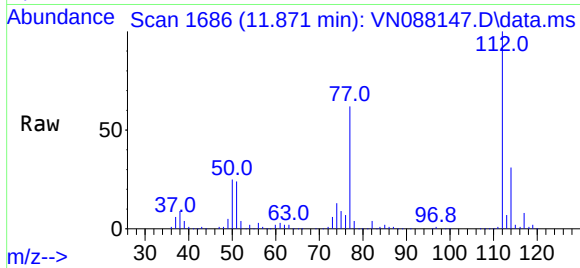




#65
Chlorobenzene
Concen: 54.484 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

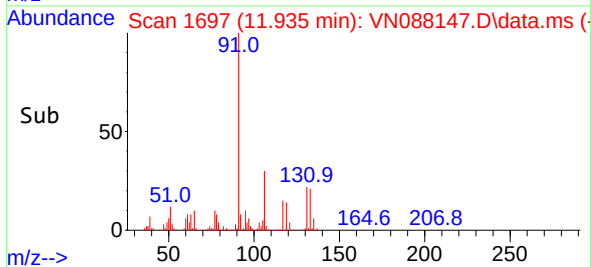
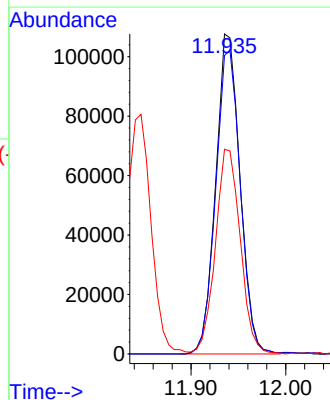
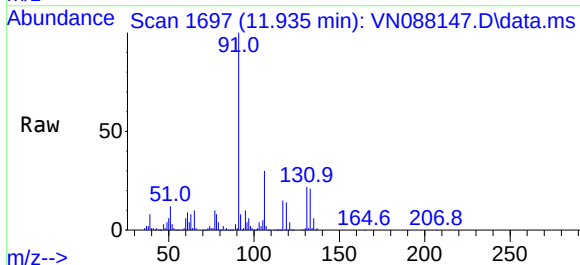
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

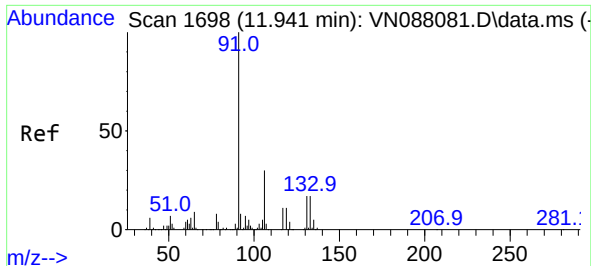
Tgt Ion:112 Resp: 557475
Ion Ratio Lower Upper
112 100
114 31.2 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.405 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:131 Resp: 192433
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 65.5 32.6 97.7

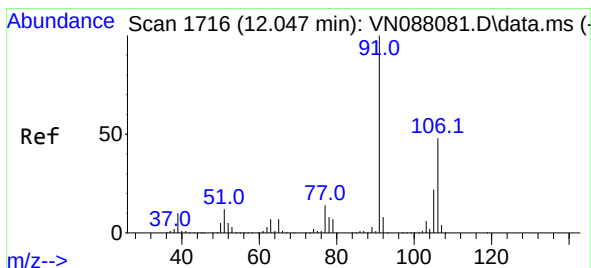
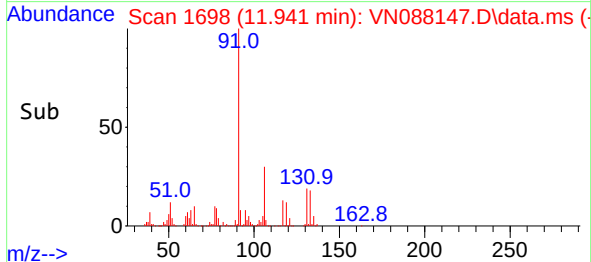
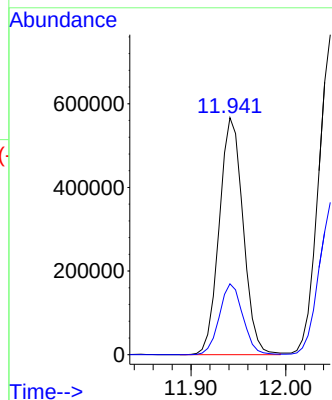
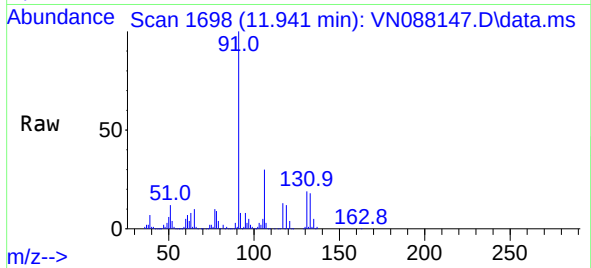




#67
Ethyl Benzene
Concen: 55.305 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

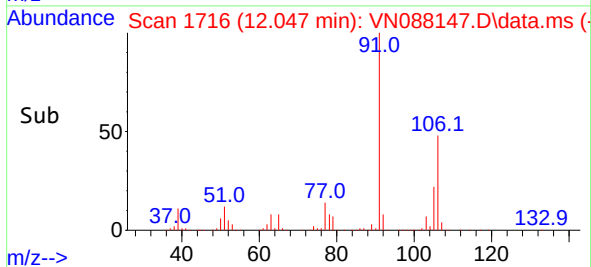
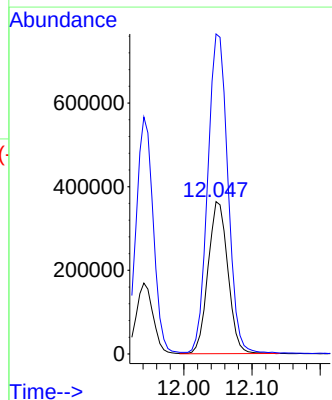
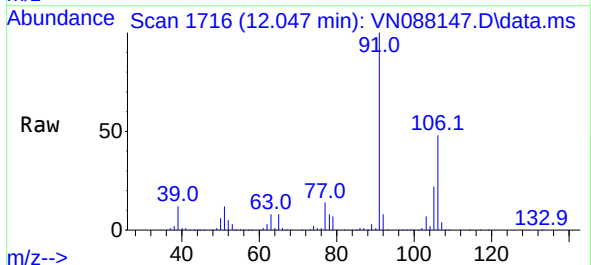
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

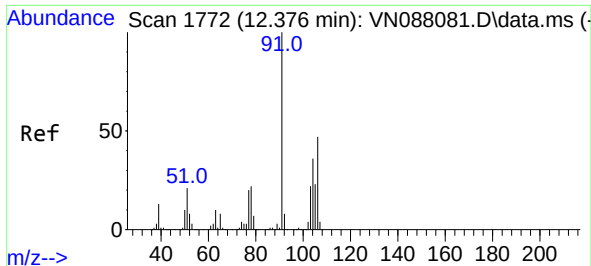
Tgt Ion: 91 Resp: 993281
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



#68
m/p-Xylenes
Concen: 109.455 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:106 Resp: 736560
Ion Ratio Lower Upper
106 100
91 214.1 169.3 253.9

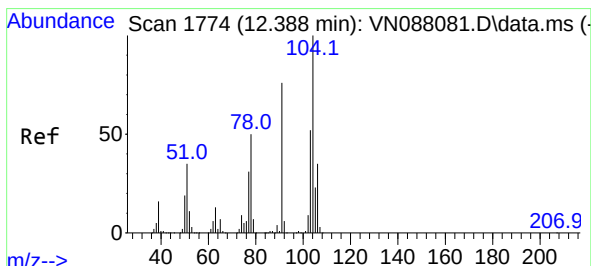
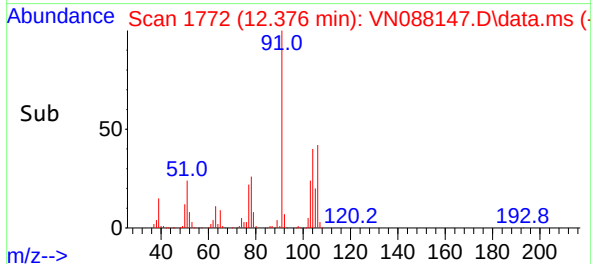
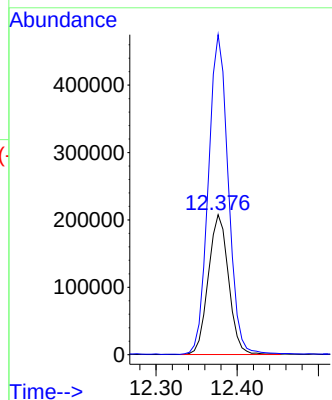
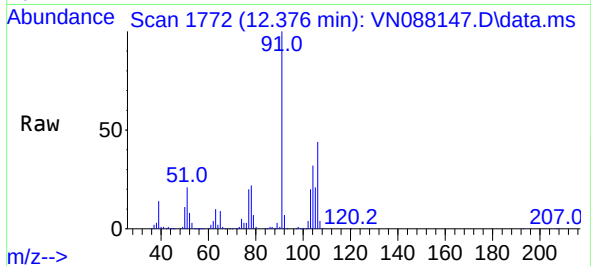




#69
o-Xylene
Concen: 56.230 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

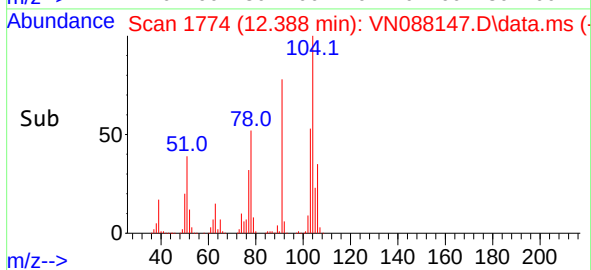
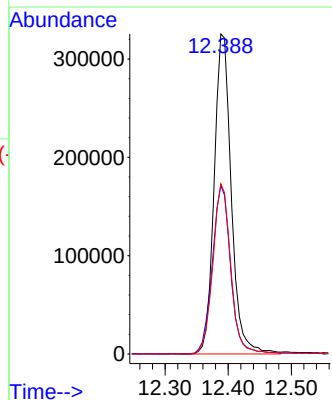
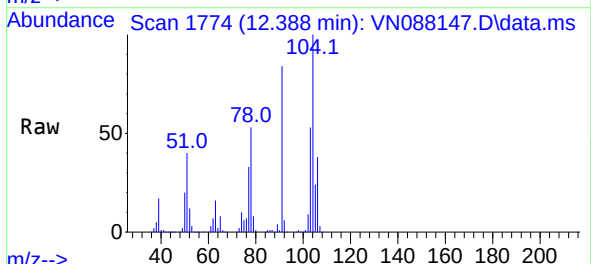
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

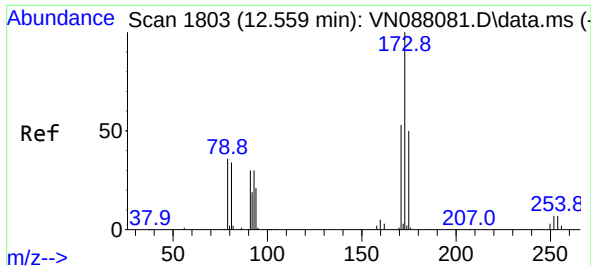
Tgt Ion:106 Resp: 358701
Ion Ratio Lower Upper
106 100
91 226.4 111.4 334.2



#70
Styrene
Concen: 59.022 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:104 Resp: 613971
Ion Ratio Lower Upper
104 100
78 56.5 42.2 63.2
103 56.0 43.4 65.2

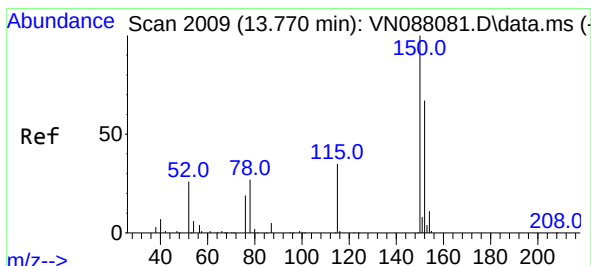
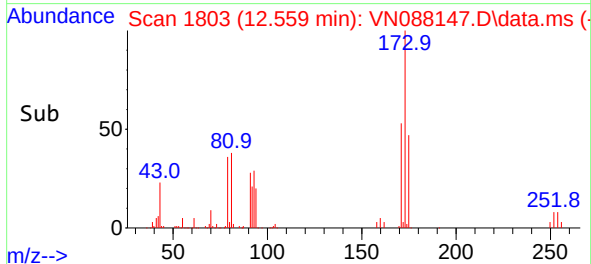
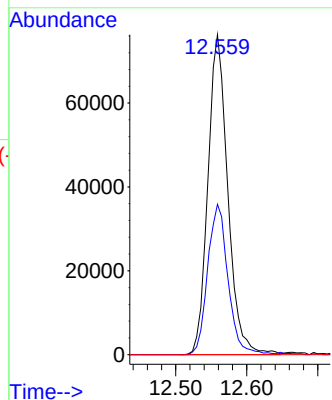
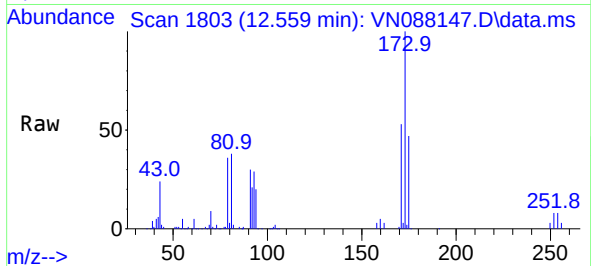




#71
Bromoform
Concen: 59.389 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

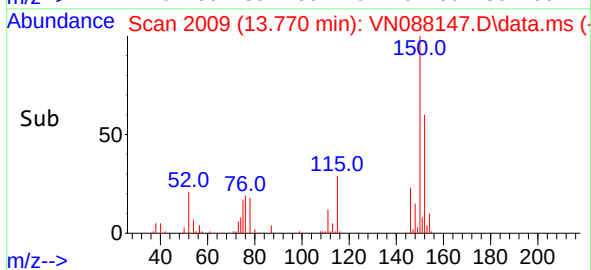
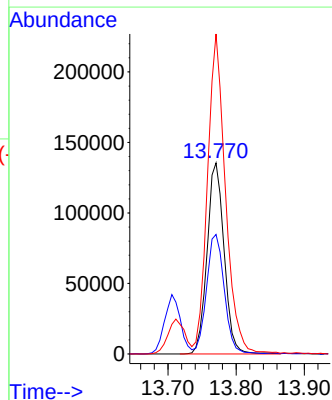
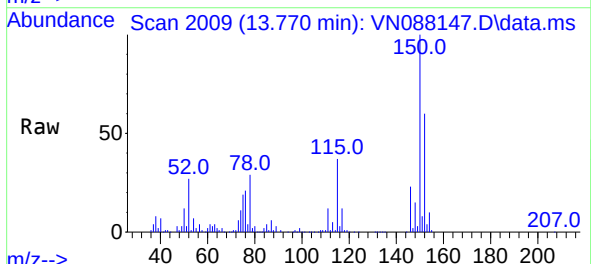
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

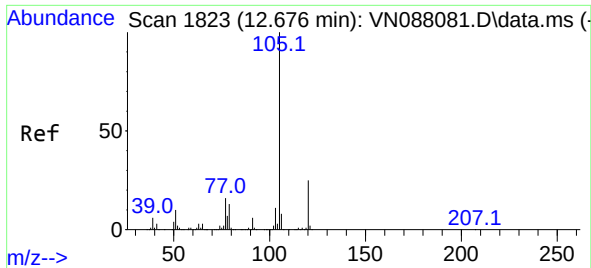
Tgt Ion:173 Resp: 148569
Ion Ratio Lower Upper
173 100
175 48.0 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:152 Resp: 235546
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 176.2 0.0 351.0

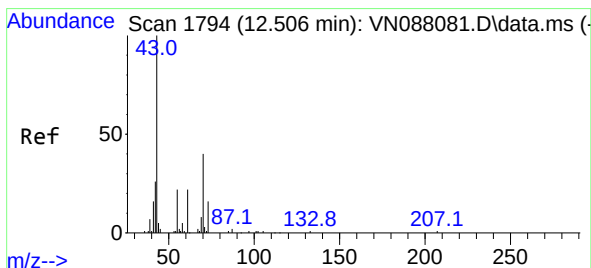
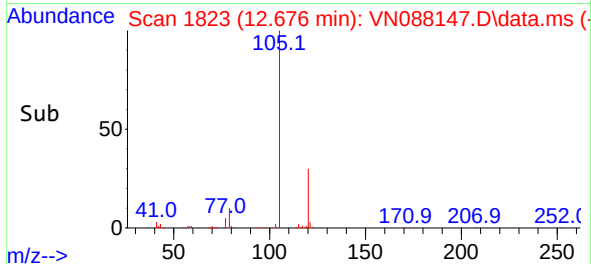
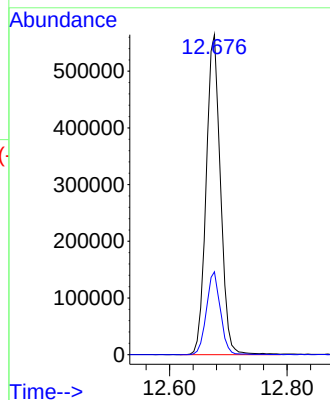
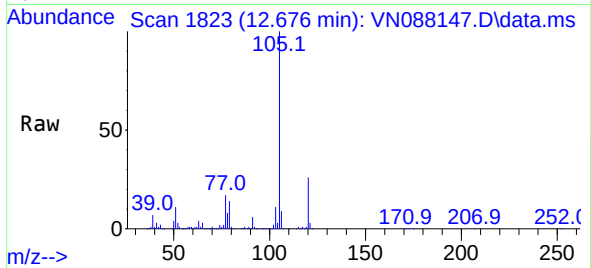




#73
Isopropylbenzene
Concen: 52.502 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

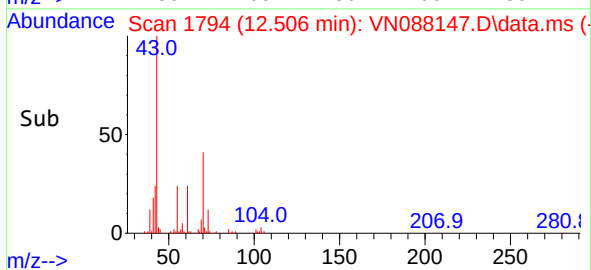
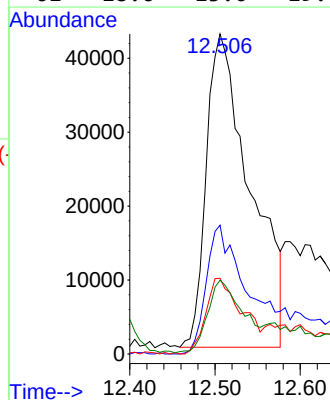
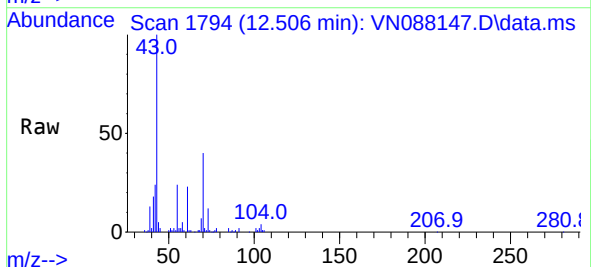
Instrument :
MSVOA_N
ClientSampleId :
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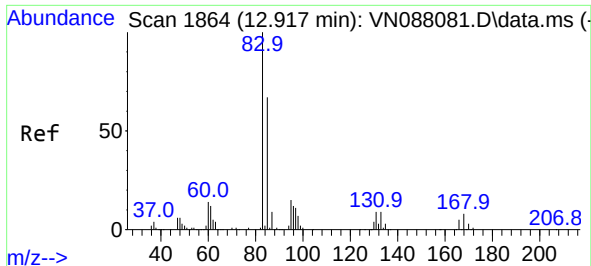
Tgt Ion:105 Resp: 953816
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3



#74
N-ethyl acetate
Concen: 29.590 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 43 Resp: 152600
Ion Ratio Lower Upper
43 100
70 41.9 27.6 41.4#
55 19.9 13.0 19.6#
61 18.6 13.0 19.6

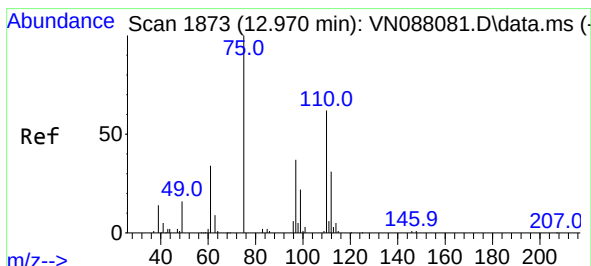
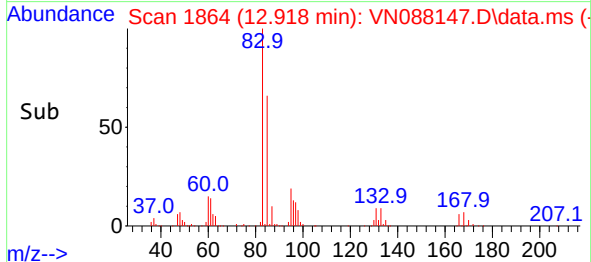
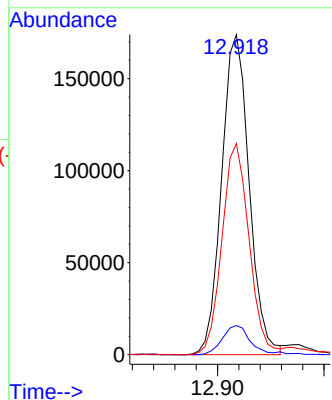
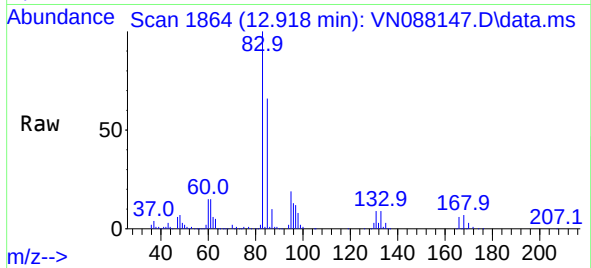




#75
1,1,2-Tetrachloroethane
Concen: 55.143 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

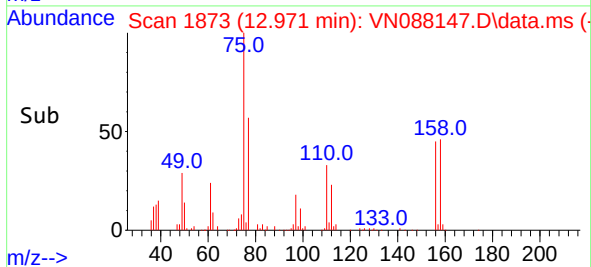
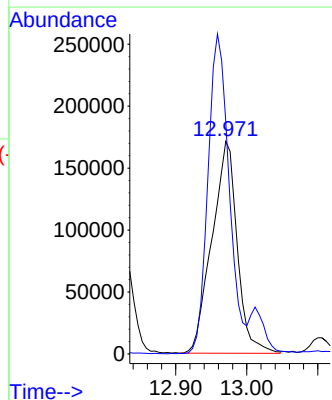
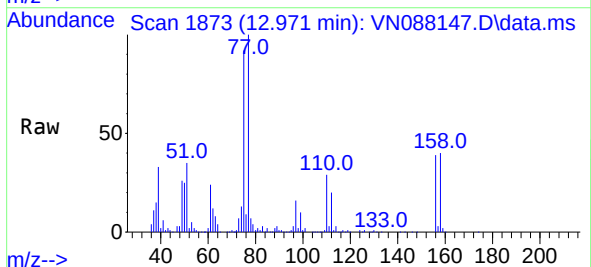
Instrument :
MSVOA_N
ClientSampleId :
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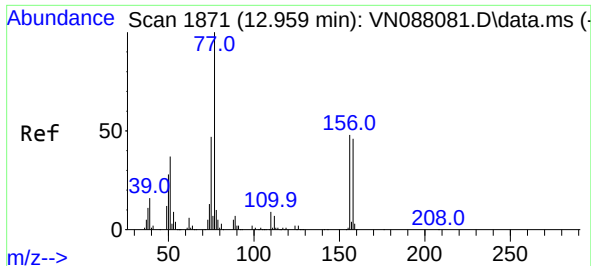
Tgt Ion: 83 Resp: 311886
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 64.9 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 78.428 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 75 Resp: 422357
Ion Ratio Lower Upper
75 100
77 126.6 89.1 267.4

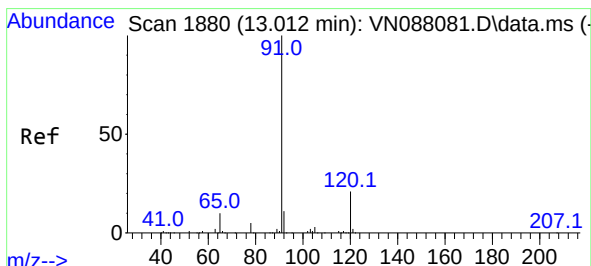
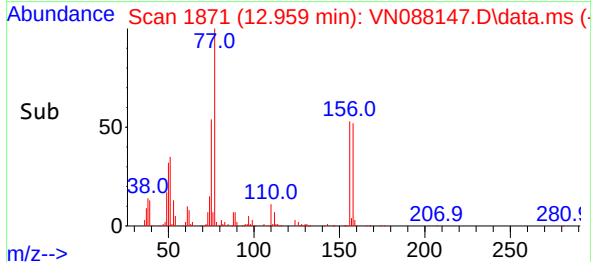
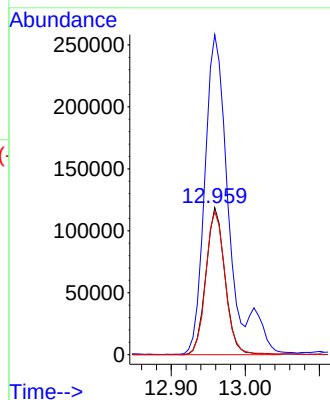
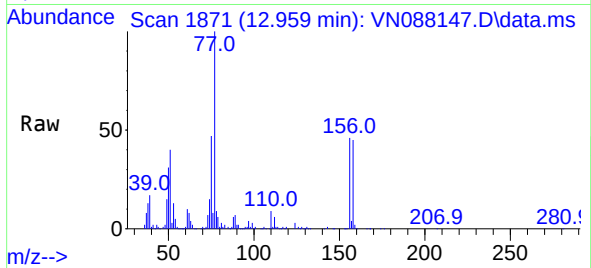




#77
Bromobenzene
Concen: 54.321 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

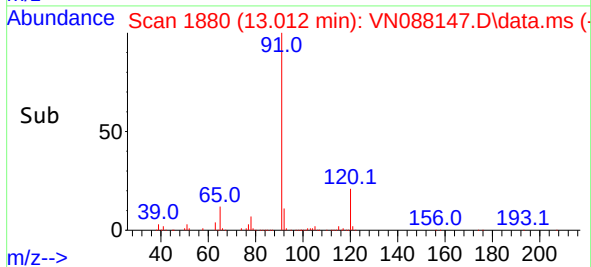
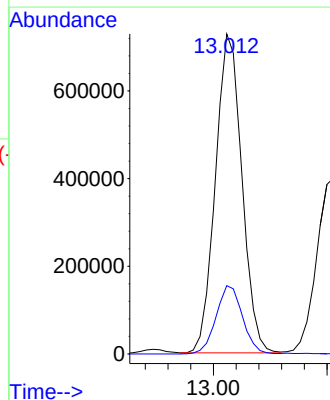
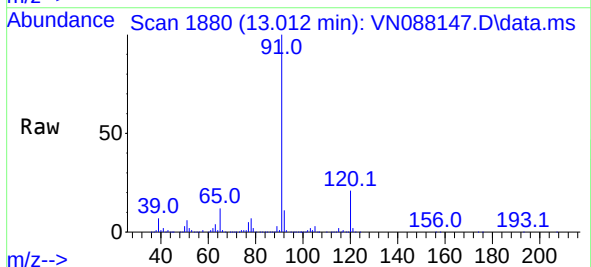
Instrument :
MSVOA_N
ClientSampleId :
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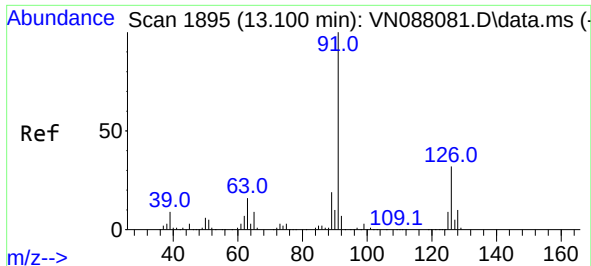
Tgt Ion:156 Resp: 212806
Ion Ratio Lower Upper
156 100
77 251.2 119.3 358.0
158 98.7 48.2 144.6



#78
n-propylbenzene
Concen: 53.130 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 91 Resp: 1177896
Ion Ratio Lower Upper
91 100
120 21.4 10.7 32.1

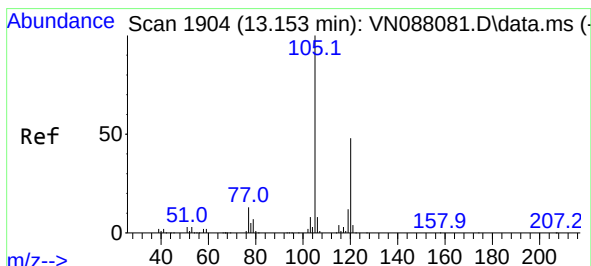
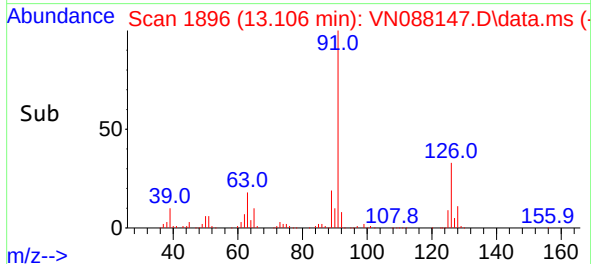
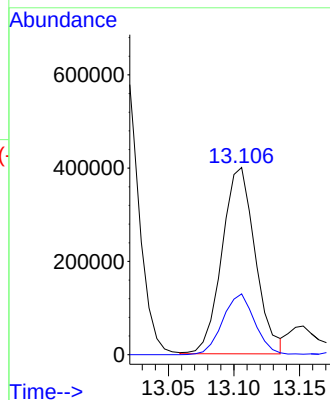
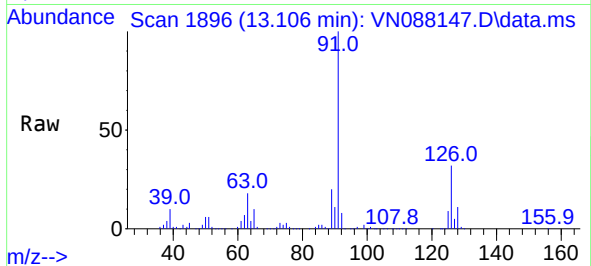




#79
2-Chlorotoluene
Concen: 55.783 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

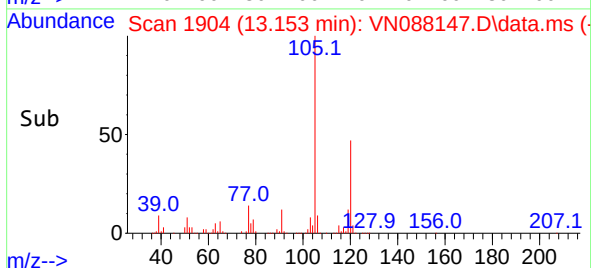
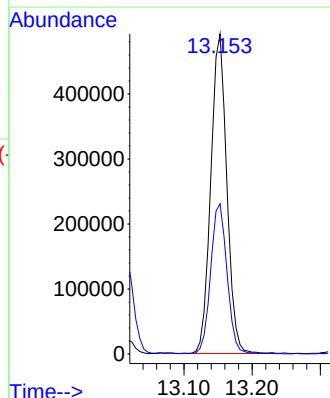
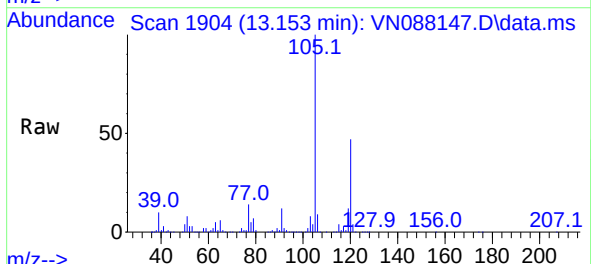
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

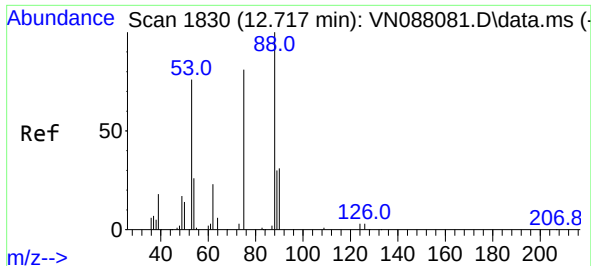
Tgt Ion: 91 Resp: 705272
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 53.363 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:105 Resp: 805138
Ion Ratio Lower Upper
105 100
120 48.0 23.2 69.6

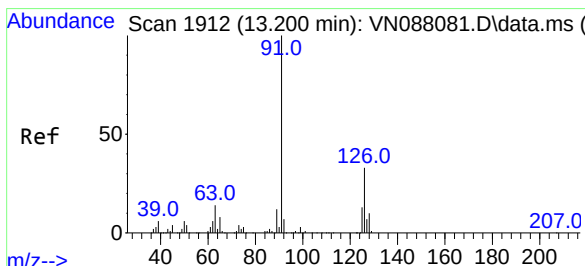
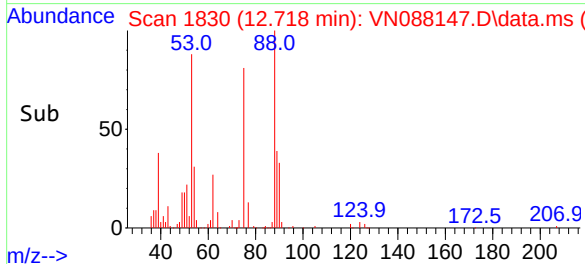
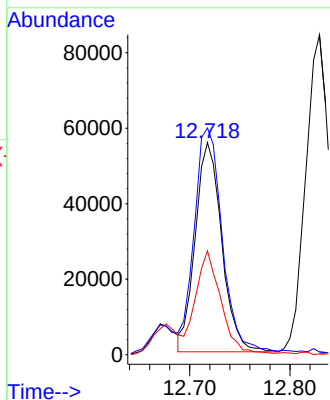
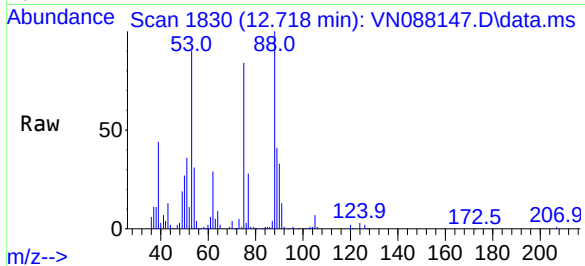




#81
trans-1,4-Dichloro-2-butene
Concen: 52.717 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

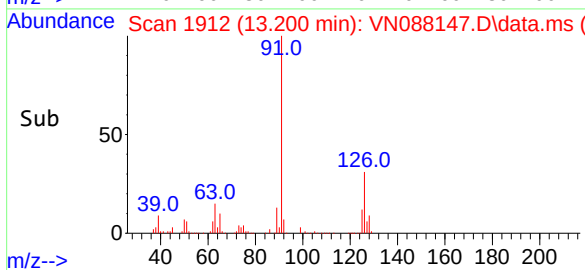
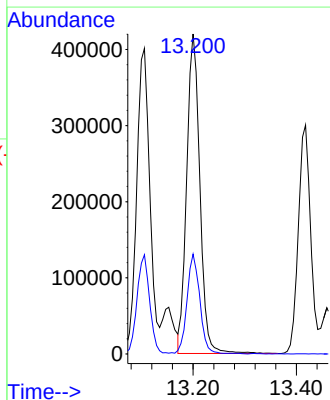
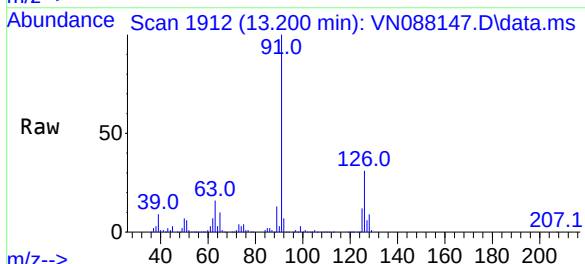
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

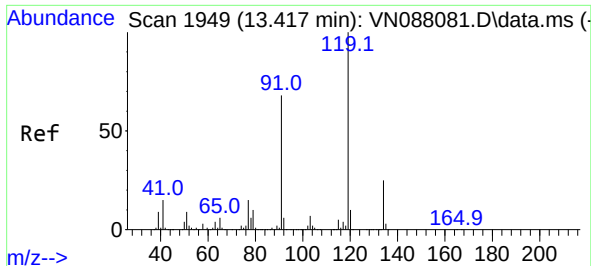
Tgt Ion: 75 Resp: 101773
Ion Ratio Lower Upper
75 100
53 112.9 101.8 152.6
89 45.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 54.312 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 91 Resp: 742918
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8

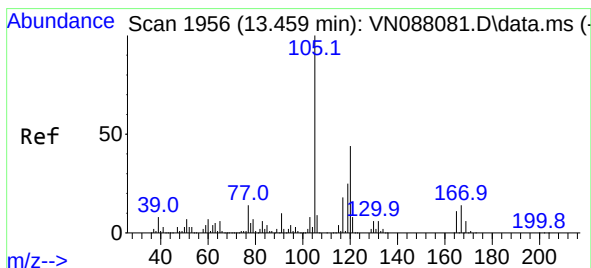
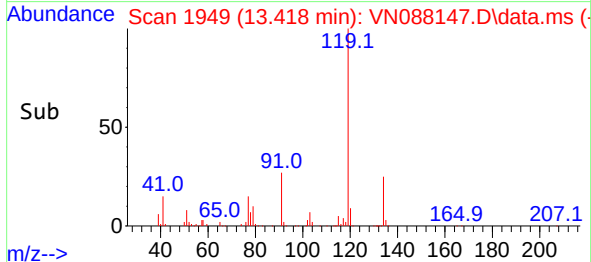
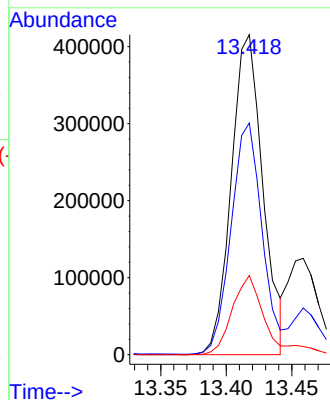
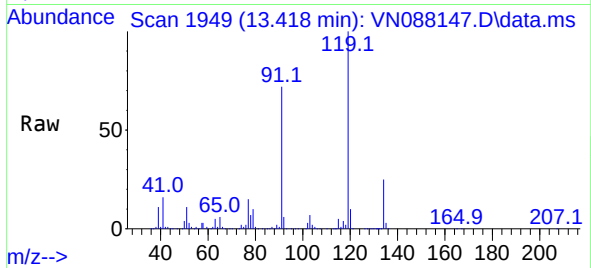




#83
tert-Butylbenzene
Concen: 51.815 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

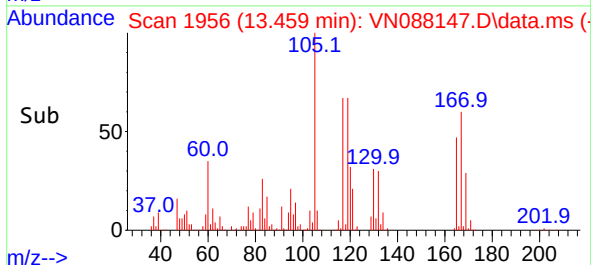
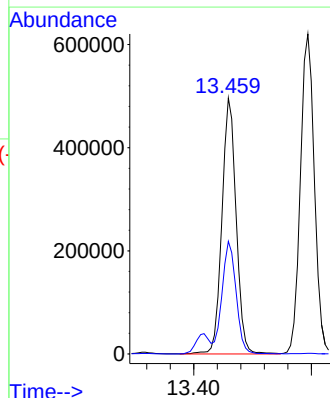
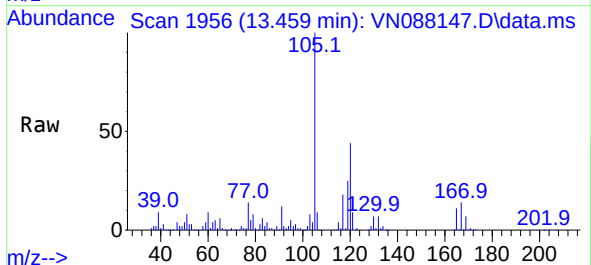
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

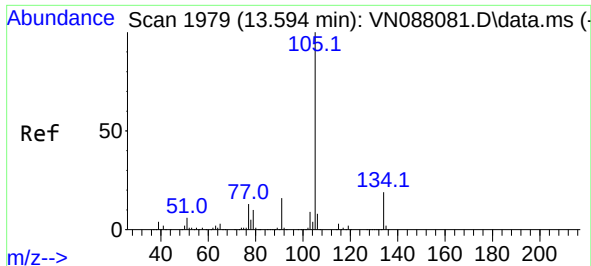
Tgt Ion:119 Resp: 698366
Ion Ratio Lower Upper
119 100
91 70.5 35.0 105.0
134 25.9 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 55.295 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:105 Resp: 834714
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0

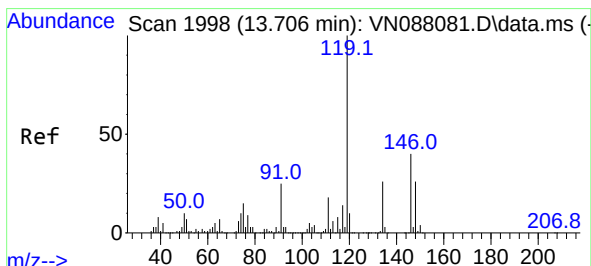
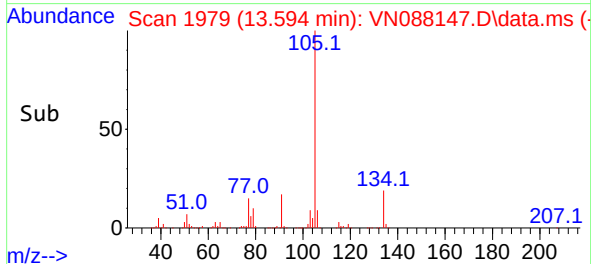
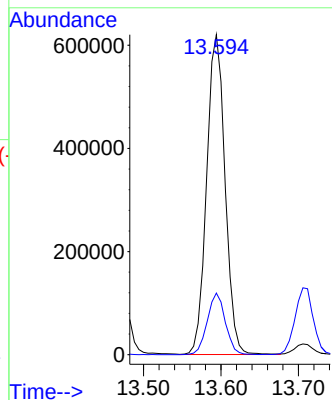
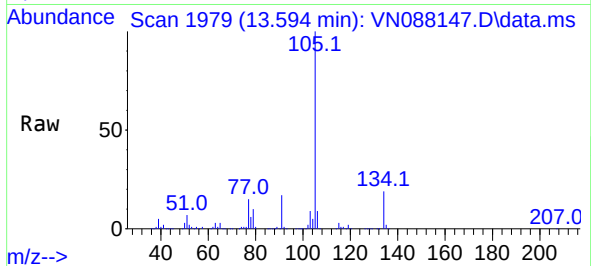




#85
 sec-Butylbenzene
 Concen: 51.725 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088147.D
 Acq: 29 Oct 2025 10:24

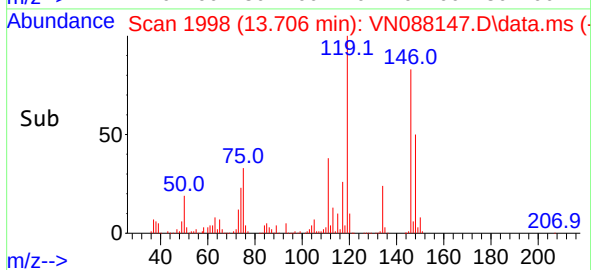
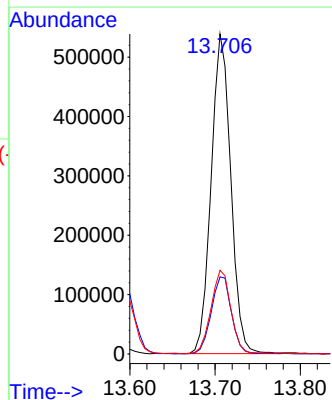
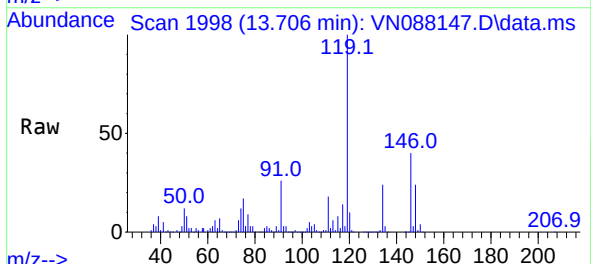
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

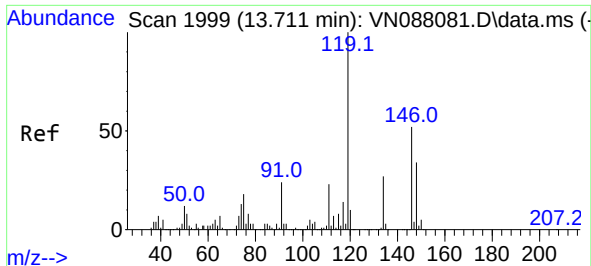
Tgt Ion:105 Resp: 1024249
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 54.207 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088147.D
 Acq: 29 Oct 2025 10:24

Tgt Ion:119 Resp: 861086
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.0
 91 26.6 12.5 37.5

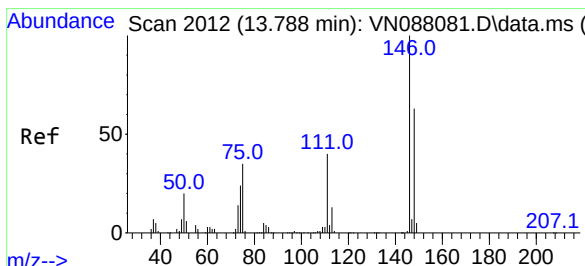
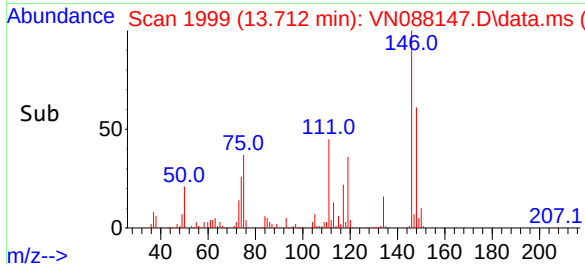
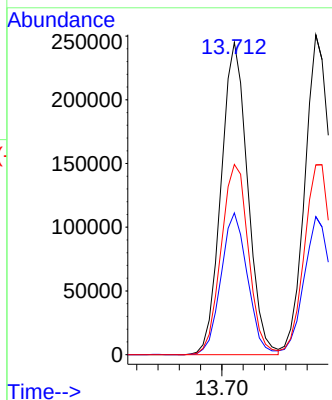
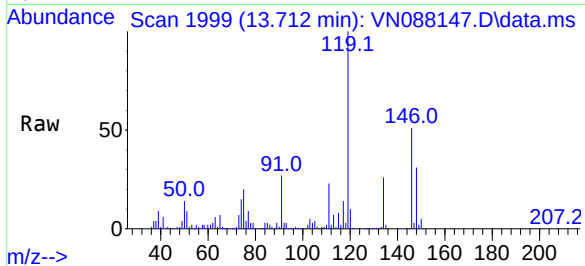




#87
1,3-Dichlorobenzene
Concen: 54.298 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

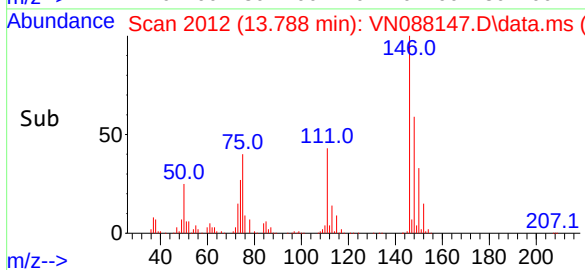
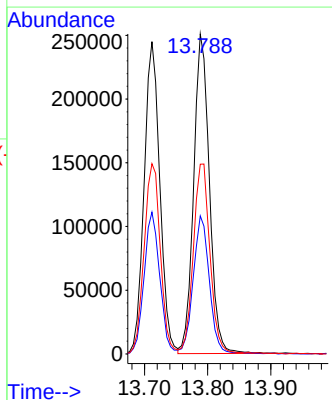
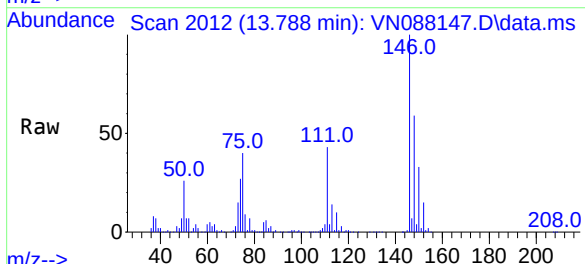
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

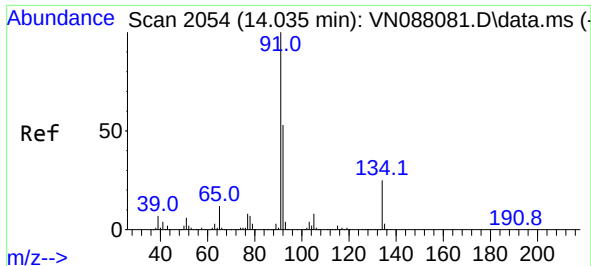
Tgt Ion:146 Resp: 424640
Ion Ratio Lower Upper
146 100
111 45.4 22.1 66.5
148 62.8 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 51.606 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:146 Resp: 433469
Ion Ratio Lower Upper
146 100
111 44.3 21.0 63.0
148 63.0 32.0 96.0

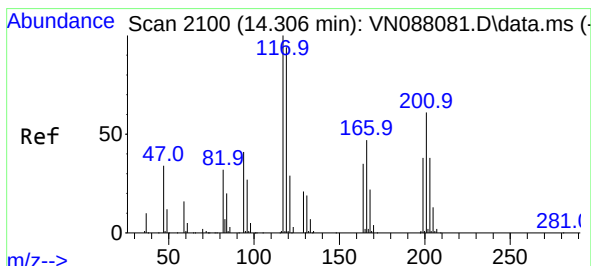
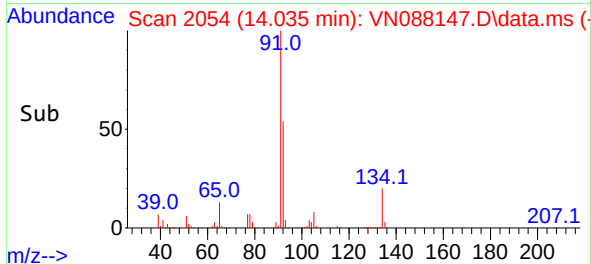
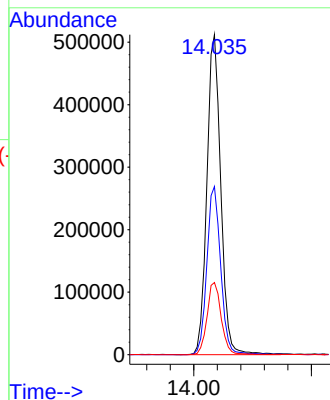
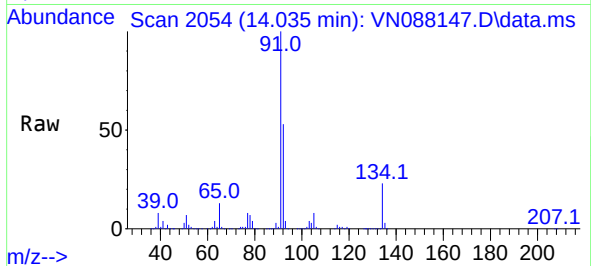




#89
n-Butylbenzene
Concen: 53.375 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

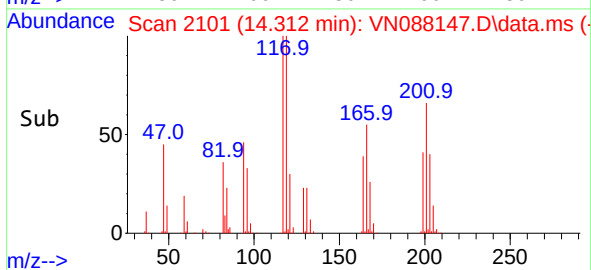
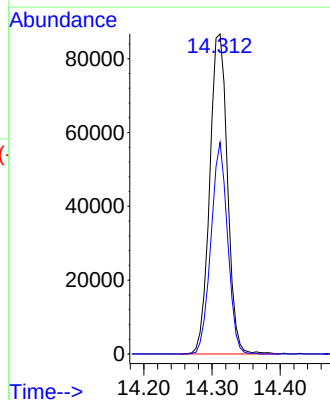
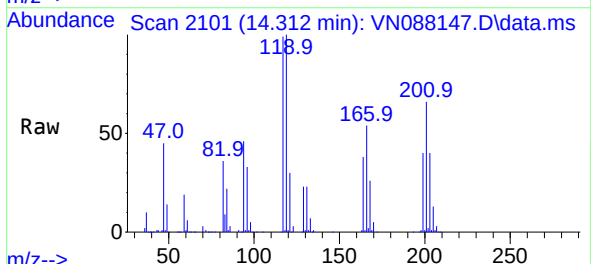
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

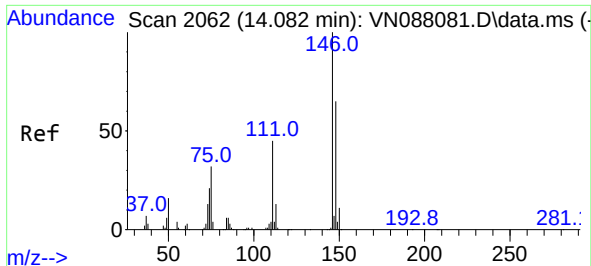
Tgt Ion: 91 Resp: 839862
Ion Ratio Lower Upper
91 100
92 52.5 25.9 77.8
134 23.1 11.7 35.0



#90
Hexachloroethane
Concen: 51.098 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion: 117 Resp: 157187
Ion Ratio Lower Upper
117 100
201 61.8 29.1 87.4



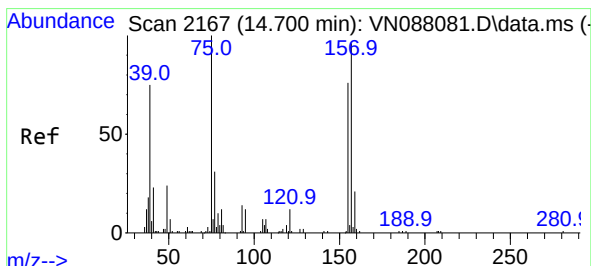
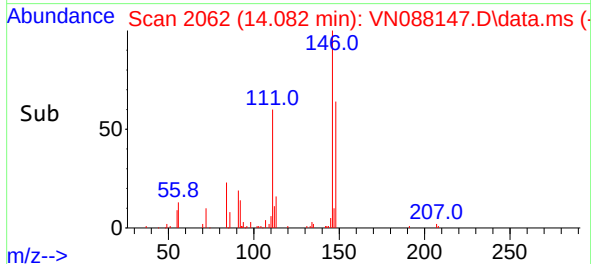
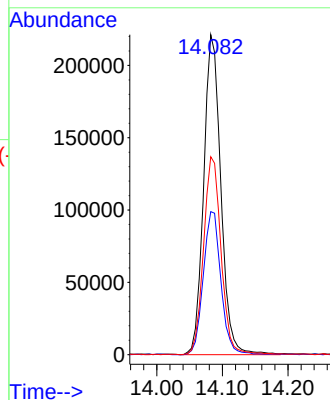
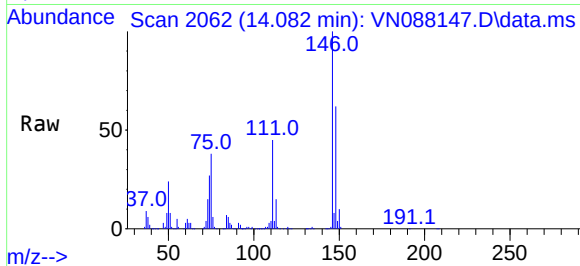


#91
 1,2-Dichlorobenzene
 Concen: 53.706 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088147.D
 Acq: 29 Oct 2025 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 404865

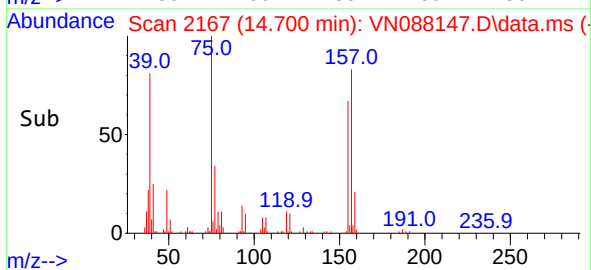
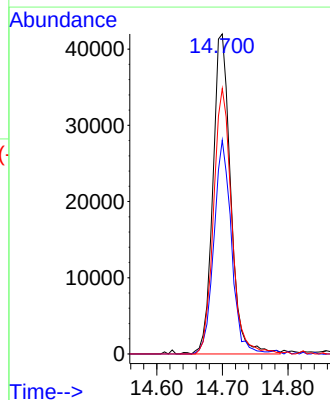
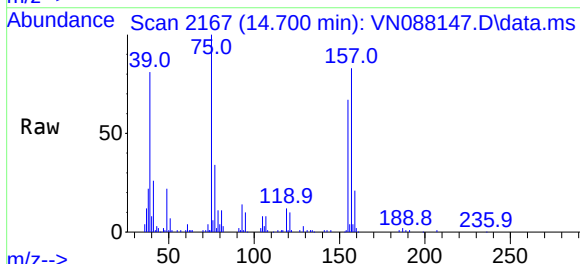
Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.6	67.8
148	63.1	31.9	95.9

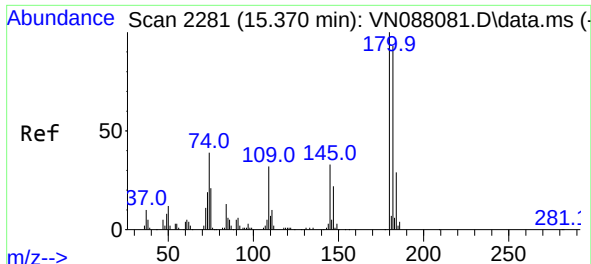


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.196 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088147.D
 Acq: 29 Oct 2025 10:24

Tgt Ion: 75 Resp: 79245

Ion	Ratio	Lower	Upper
75	100		
155	65.4	36.6	109.9
157	84.4	45.6	136.9

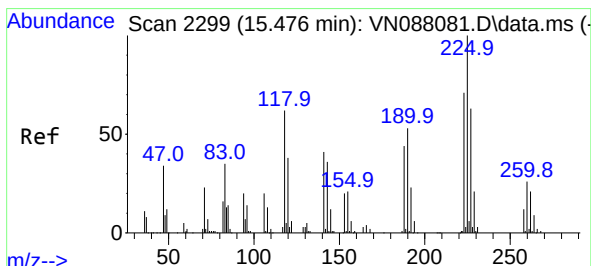
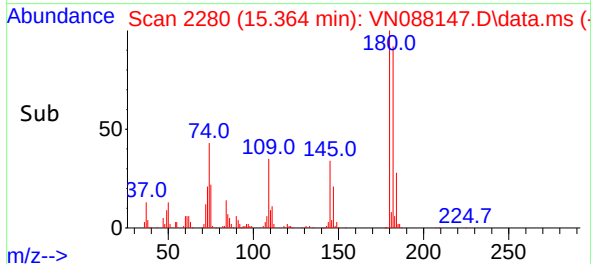
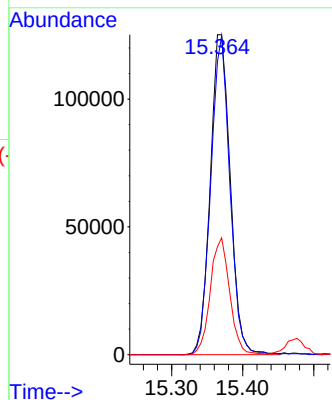
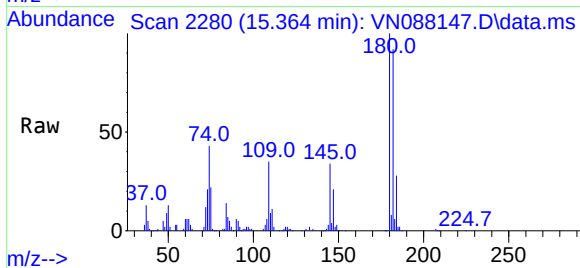




#93
1,2,4-Trichlorobenzene
Concen: 53.640 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

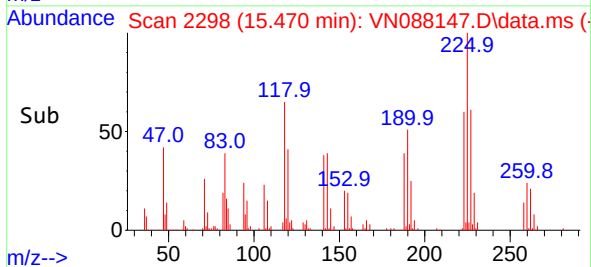
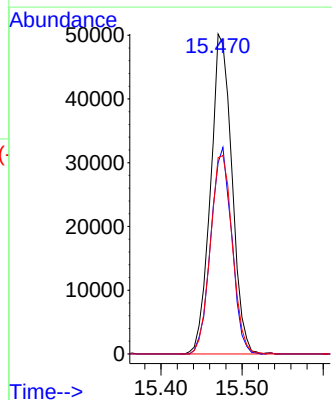
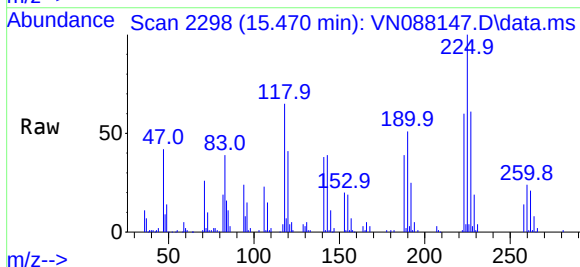
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

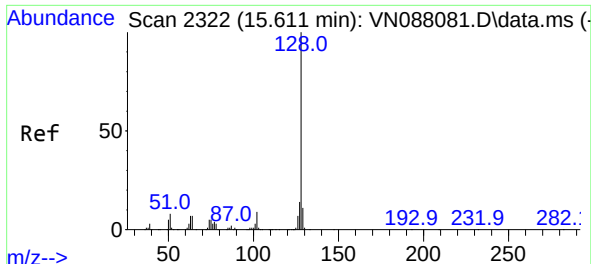
Tgt Ion:180 Resp: 244895
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.9
145 35.4 16.5 49.5



#94
Hexachlorobutadiene
Concen: 53.995 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:225 Resp: 91800
Ion Ratio Lower Upper
225 100
223 63.0 32.0 96.2
227 64.0 32.1 96.5

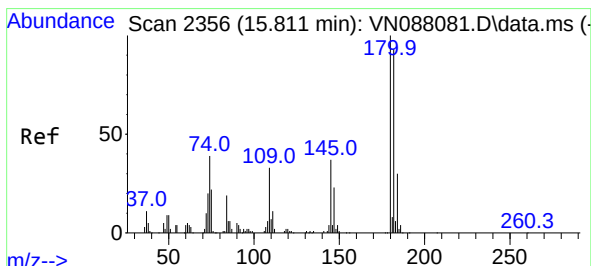
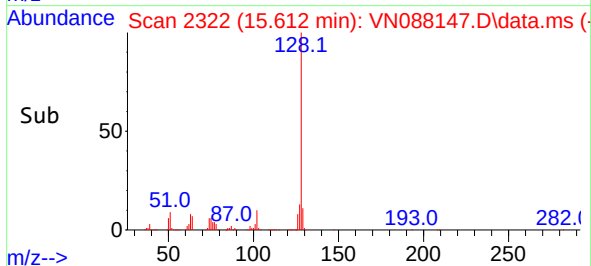
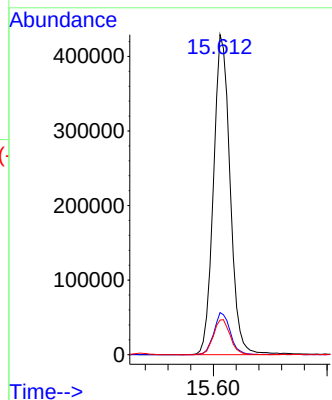
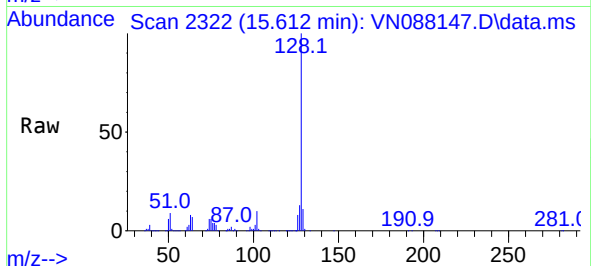




#95
Naphthalene
Concen: 55.647 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 870340
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.345 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088147.D
Acq: 29 Oct 2025 10:24

Tgt Ion:180 Resp: 233523
Ion Ratio Lower Upper
180 100
182 97.2 46.8 140.3
145 37.9 17.3 52.0

