

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080477.D
 Acq On : 26 Jun 2025 12:13
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 27 05:02:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 04:51:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	472514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	867160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	745502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	327328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	727121	156.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 313.940%#	
35) Dibromofluoromethane	7.805	113	765781	157.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 315.420%#	
50) Toluene-d8	10.270	98	3053875	155.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 311.360%#	
62) 4-Bromofluorobenzene	12.570	95	970742	150.923	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 301.840%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	614266	146.231	ug/l	98
3) Chloromethane	2.147	50	874428	149.052	ug/l	100
4) Vinyl Chloride	2.288	62	921656	154.868	ug/l	98
5) Bromomethane	2.676	94	504806	153.473	ug/l	100
6) Chloroethane	2.835	64	561237	150.244	ug/l	99
7) Trichlorofluoromethane	3.170	101	1136104	151.750	ug/l	100
8) Diethyl Ether	3.594	74	446314	153.147	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.965	101	749638	151.361	ug/l	99
10) Methyl Iodide	4.165	142	992091	170.102	ug/l	99
11) Tert butyl alcohol	5.053	59	286049	758.405	ug/l	97
12) 1,1-Dichloroethene	3.941	96	811036	151.662	ug/l	94
13) Acrolein	3.794	56	380625	740.534	ug/l	100
14) Allyl chloride	4.559	41	1414599	151.073	ug/l	100
15) Acrylonitrile	5.247	53	1054890	760.792	ug/l	99
16) Acetone	4.017	43	766930	640.787	ug/l	98
17) Carbon Disulfide	4.270	76	2661018	157.571	ug/l	99
18) Methyl Acetate	4.559	43	519772	142.774	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	2033174	152.987	ug/l	99
20) Methylene Chloride	4.800	84	947523	149.506	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	908320	152.281	ug/l	97
22) Diisopropyl ether	6.217	45	2695805	149.106	ug/l	98
23) Vinyl Acetate	6.153	43	7878261	764.729	ug/l	99
24) 1,1-Dichloroethane	6.111	63	1606277	151.414	ug/l	98
25) 2-Butanone	7.082	43	1253647	713.654	ug/l	100
26) 2,2-Dichloropropane	7.076	77	1250932	149.007	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	1079641	151.407	ug/l	99
28) Bromochloromethane	7.423	49	608602	145.518	ug/l	100
29) Tetrahydrofuran	7.441	42	852170	770.012	ug/l	99
30) Chloroform	7.594	83	1534968	151.155	ug/l	99
31) Cyclohexane	7.876	56	1482579	144.228	ug/l	94
32) 1,1,1-Trichloroethane	7.794	97	1296965	152.757	ug/l	99
36) 1,1-Dichloropropene	8.005	75	1146802	151.220	ug/l	100
37) Ethyl Acetate	7.164	43	562300	153.050	ug/l	99
38) Carbon Tetrachloride	7.988	117	1103581	152.311	ug/l	100
39) Methylcyclohexane	9.276	83	1587628	152.055	ug/l	98
40) Benzene	8.253	78	3677372	151.083	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	353910	150.233	ug/l	99
42) 1,2-Dichloroethane	8.323	62	859124	150.039	ug/l	99
43) Isopropyl Acetate	8.358	43	1115181	153.736	ug/l	100
44) Trichloroethene	9.029	130	896550	151.986	ug/l	99
45) 1,2-Dichloropropane	9.305	63	894066	151.457	ug/l	99
46) Dibromomethane	9.394	93	481060	152.843	ug/l	99
47) Bromodichloromethane	9.582	83	1173803	150.431	ug/l	99
48) Methyl methacrylate	9.376	41	559969	152.601	ug/l	98
49) 1,4-Dioxane	9.382	88	118664	2906.271	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	2744068	744.939	ug/l	100
52) Toluene	10.329	92	2285667	150.244	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	1187794	151.985	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	1424120	151.684	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	637670	148.623	ug/l	98
56) Ethyl methacrylate	10.594	69	913688	149.191	ug/l	99
57) 1,3-Dichloropropane	10.876	76	1125609	149.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	1733383	741.088	ug/l	98
59) 2-Hexanone	10.917	43	1893466	726.282	ug/l	100
60) Dibromochloromethane	11.070	129	790514	149.276	ug/l	99
61) 1,2-Dibromoethane	11.176	107	622837	151.822	ug/l	99
64) Tetrachloroethene	10.805	164	710729	153.604	ug/l	99
65) Chlorobenzene	11.605	112	2400539	149.300	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.676	131	760808	150.559	ug/l	99
67) Ethyl Benzene	11.682	91	4190161	148.996	ug/l	99
68) m/p-Xylenes	11.788	106	3225724	301.219	ug/l	97
69) o-Xylene	12.117	106	1536976	148.732	ug/l	98
70) Styrene	12.135	104	2602353	148.883	ug/l	100
71) Bromoform	12.293	173	427170	148.428	ug/l #	100
73) Isopropylbenzene	12.417	105	3800712	149.366	ug/l	99
74) N-amyl acetate	12.229	43	1002480	150.462	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	710743	150.005	ug/l	99
76) 1,2,3-Trichloropropane	12.717	75	914472	326.100	ug/l #	100
77) Bromobenzene	12.699	156	868053	152.545	ug/l	99
78) n-propylbenzene	12.758	91	4546913	148.443	ug/l	99
79) 2-Chlorotoluene	12.846	91	2609953	148.152	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	3092927	149.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	284471	151.922	ug/l	99
82) 4-Chlorotoluene	12.941	91	2657669	146.874	ug/l	100
83) tert-Butylbenzene	13.164	119	2691380	149.124	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	3088455	149.922	ug/l	100
85) sec-Butylbenzene	13.340	105	3980419	149.319	ug/l	99
86) p-Isopropyltoluene	13.458	119	3300155	149.600	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	1650959	150.012	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	1632247	148.585	ug/l	100
89) n-Butylbenzene	13.782	91	3181984	150.291	ug/l	100
90) Hexachloroethane	14.052	117	653329	153.288	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	1445094	149.175	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	108981	152.504	ug/l	96
93) 1,2,4-Trichlorobenzene	15.093	180	937368	154.432	ug/l	99
94) Hexachlorobutadiene	15.199	225	433674	154.773	ug/l	100
95) Naphthalene	15.329	128	2099971	155.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	823355	157.759	ug/l	100

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QLast Update : Fri Jun 27 04:51:56 2025
Response via : Initial Calibration

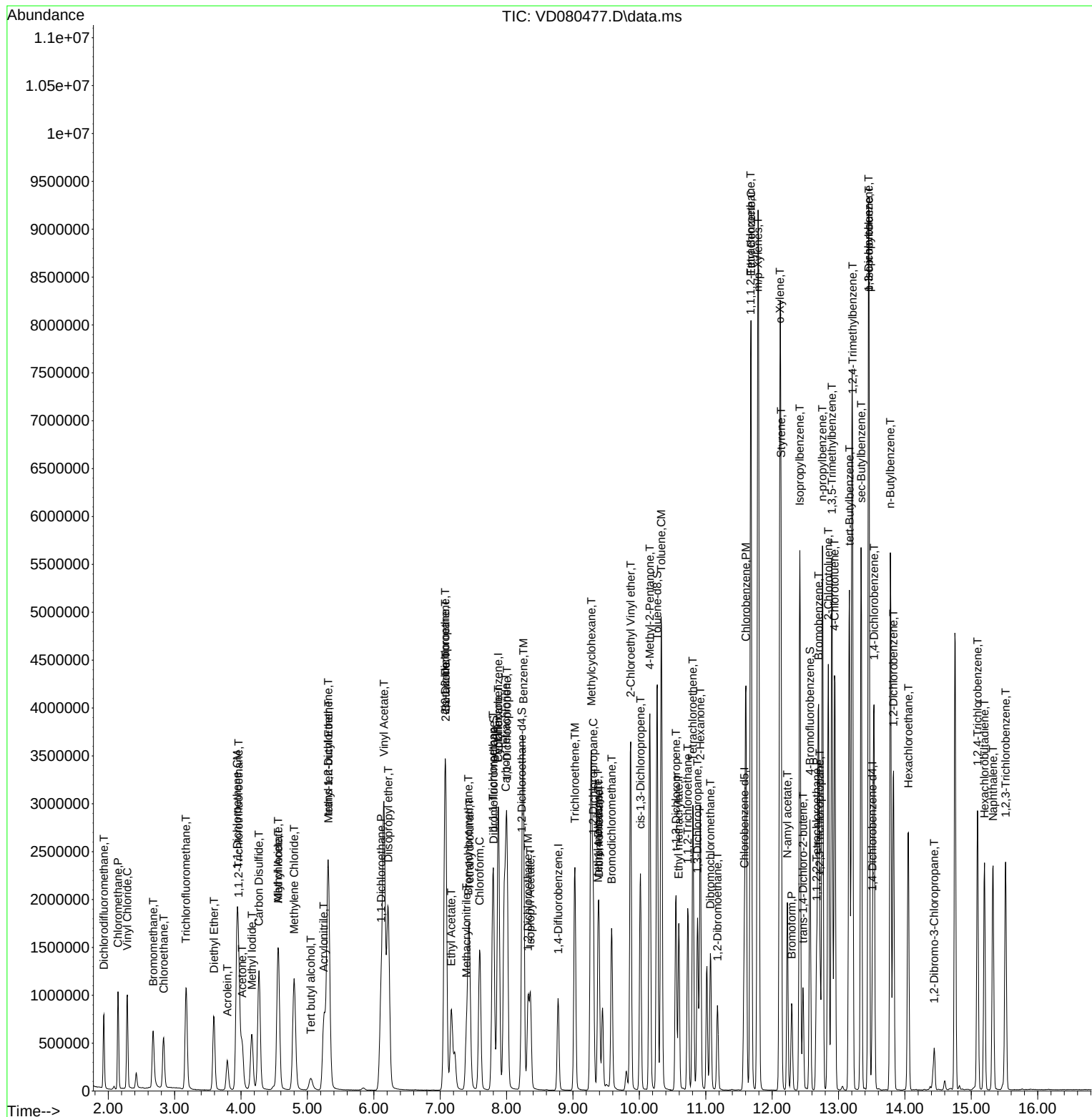
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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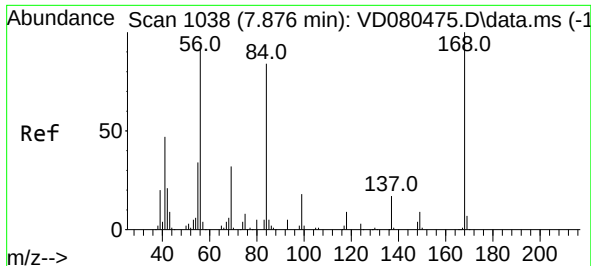
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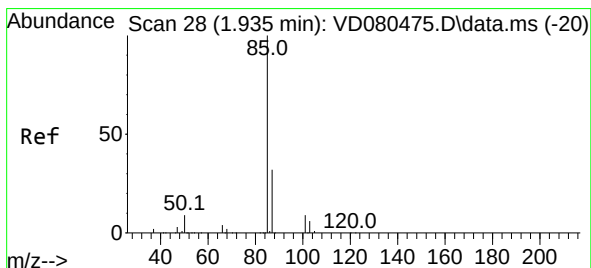
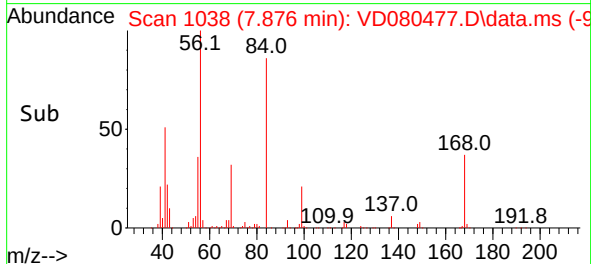
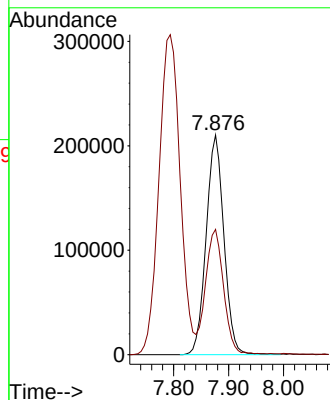
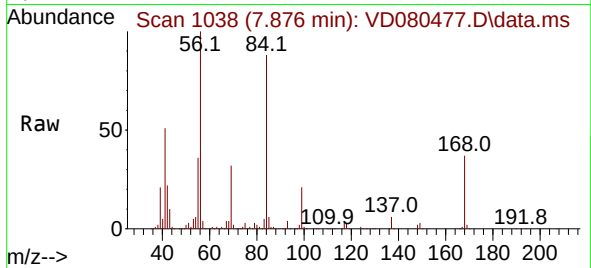




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

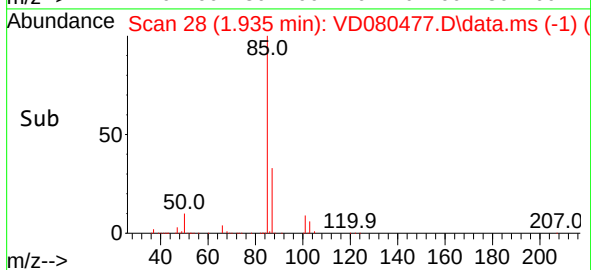
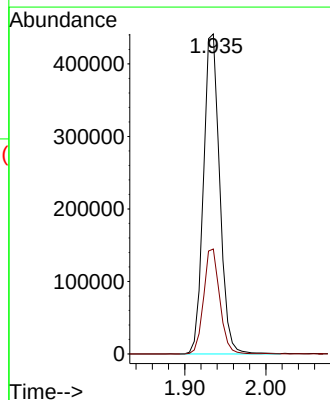
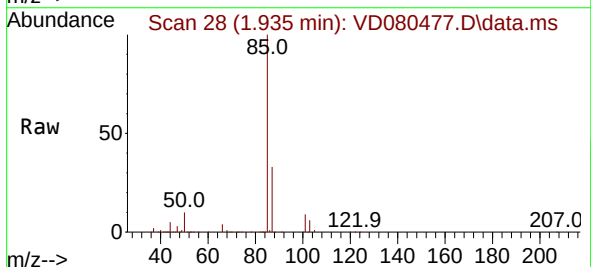
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

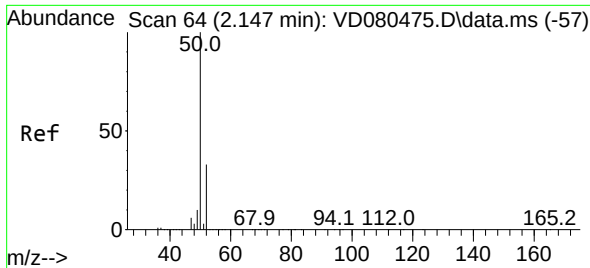
Tgt Ion:168 Resp: 472514
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 146.231 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 85 Resp: 614266
Ion Ratio Lower Upper
85 100
87 32.8 16.0 47.9

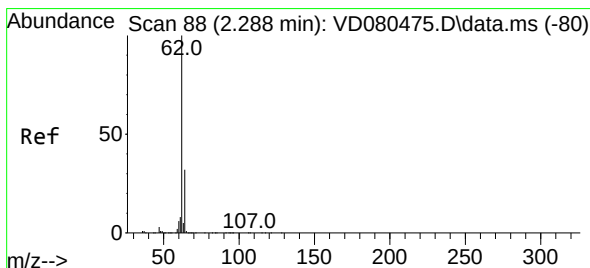
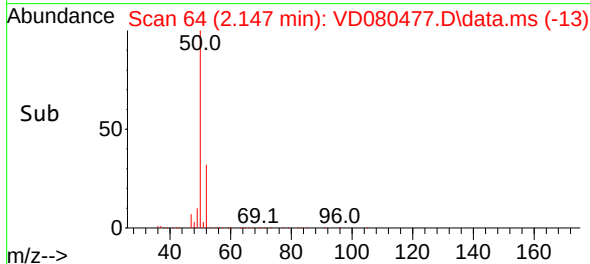
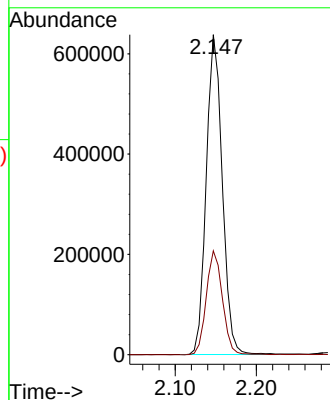
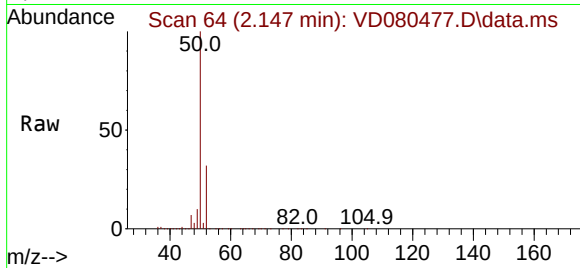




#3
Chloromethane
Concen: 149.052 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

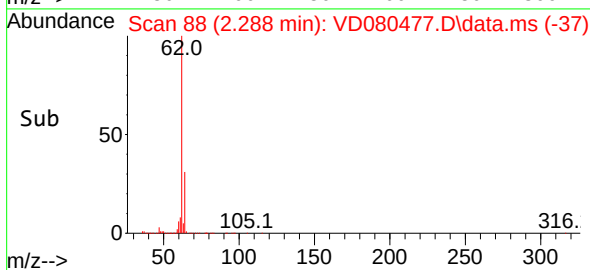
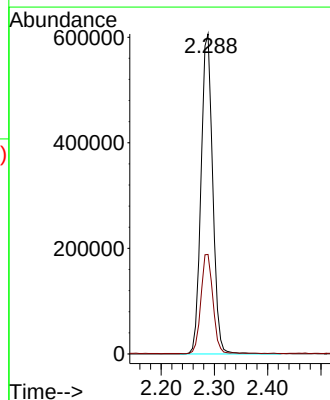
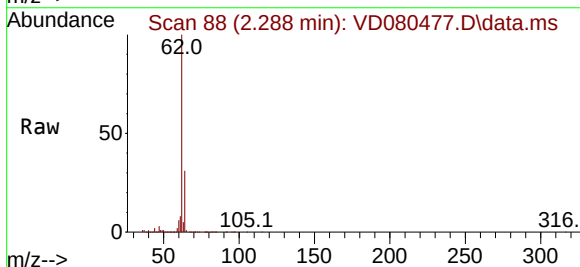
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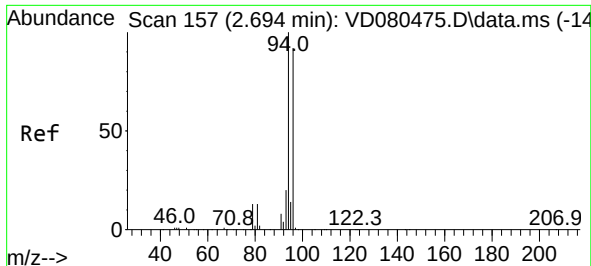
Tgt Ion: 50 Resp: 874428
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1



#4
Vinyl Chloride
Concen: 154.868 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 62 Resp: 921656
Ion Ratio Lower Upper
62 100
64 31.0 25.5 38.3

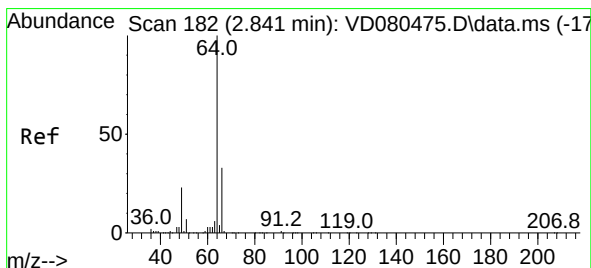
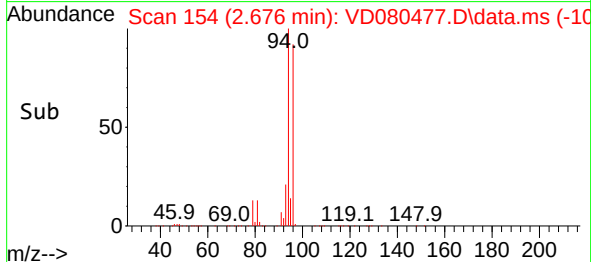
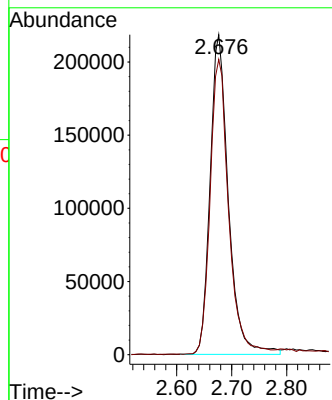
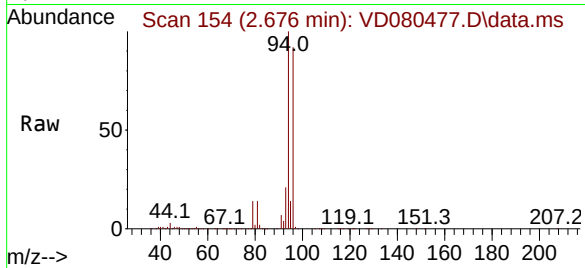




#5
Bromomethane
Concen: 153.473 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

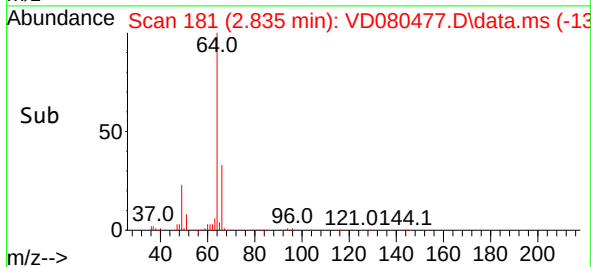
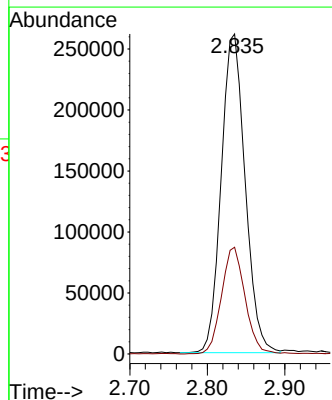
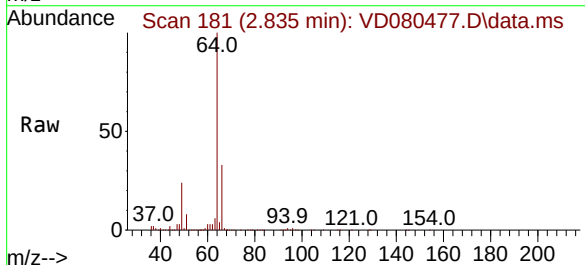
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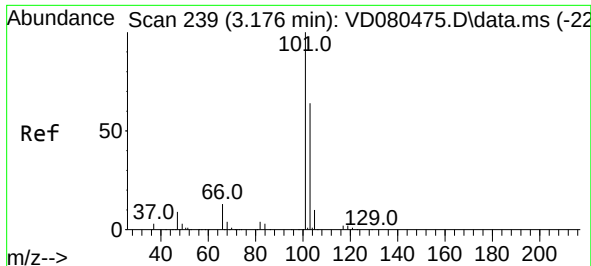
Tgt Ion: 94 Resp: 504806
Ion Ratio Lower Upper
94 100
96 93.4 74.8 112.2



#6
Chloroethane
Concen: 150.244 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 64 Resp: 561237
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5

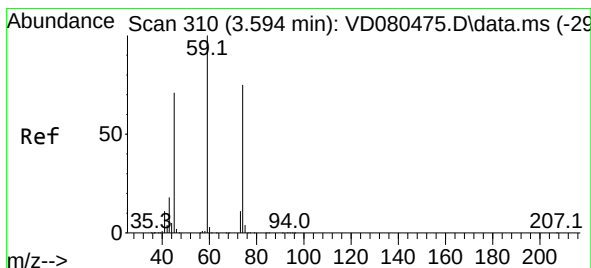
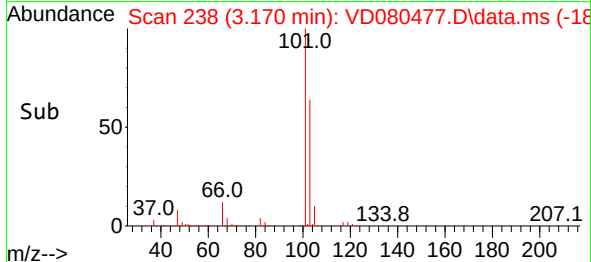
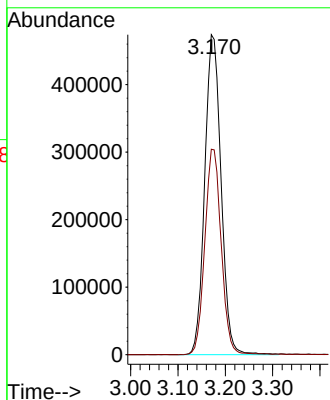
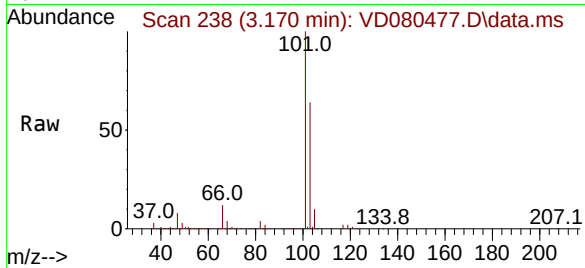




#7
 Trichlorofluoromethane
 Concen: 151.750 ug/l
 RT: 3.170 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

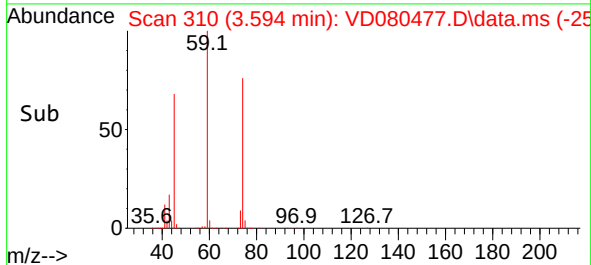
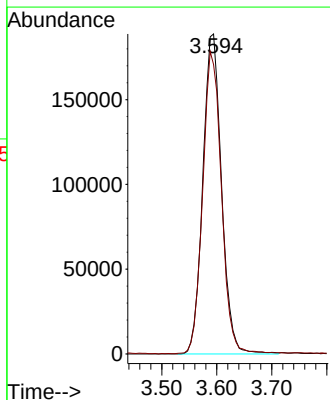
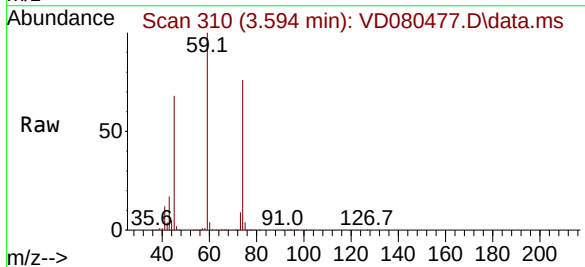
Instrument :
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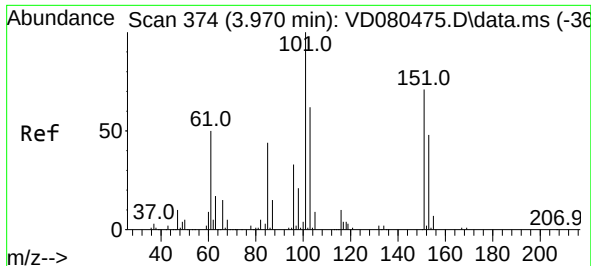
Tgt Ion:101 Resp: 1136104
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.3 76.9



#8
 Diethyl Ether
 Concen: 153.147 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080477.D
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Tgt Ion: 74 Resp: 446314
 Ion Ratio Lower Upper
 74 100
 45 94.6 46.6 139.8

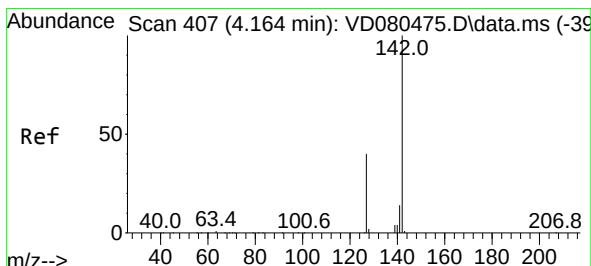
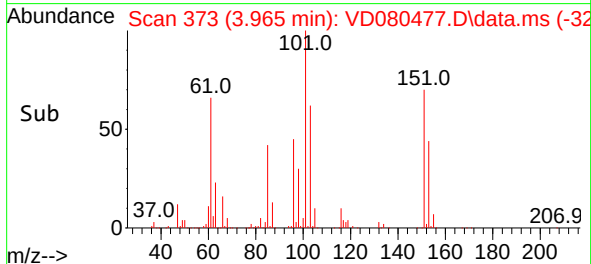
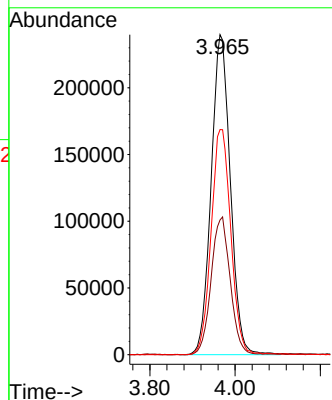
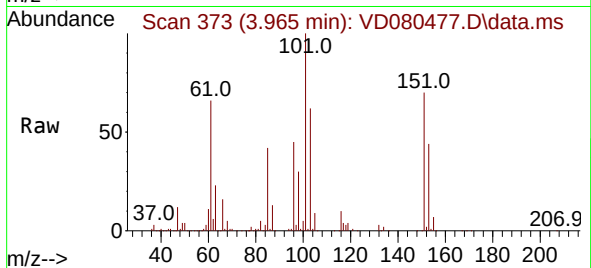




#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.361 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

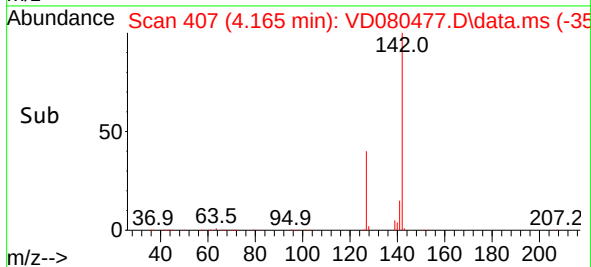
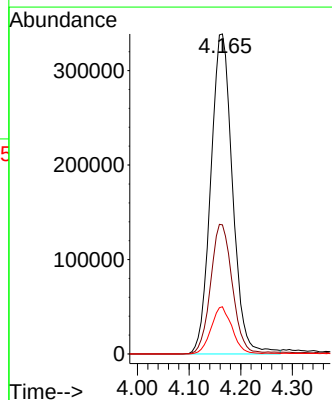
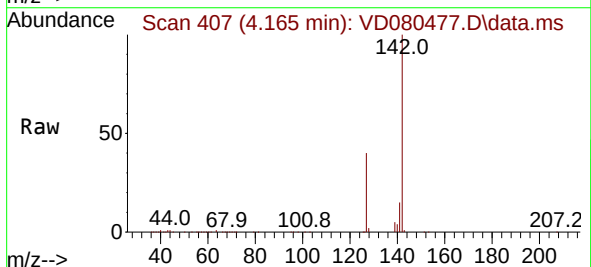
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

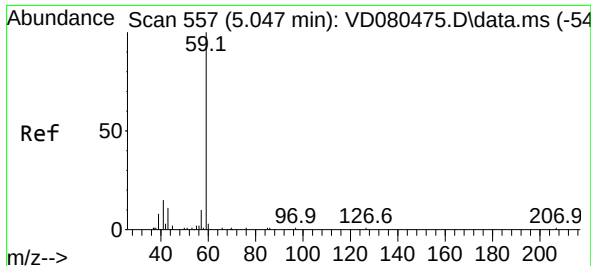
Tgt Ion:101 Resp: 749638
Ion Ratio Lower Upper
101 100
85 42.8 34.0 51.0
151 72.0 58.4 87.6



#10
Methyl Iodide
Concen: 170.102 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion:142 Resp: 992091
Ion Ratio Lower Upper
142 100
127 40.4 32.6 49.0
141 14.2 11.1 16.7

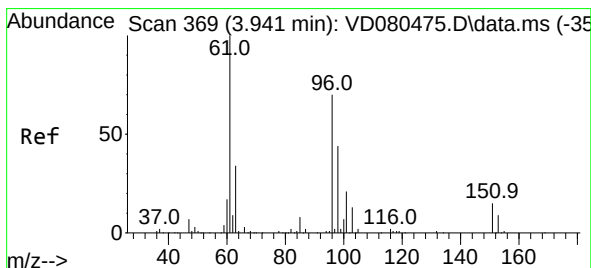
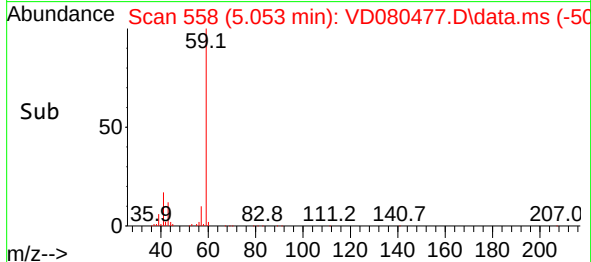
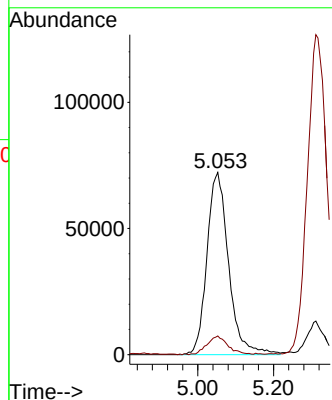
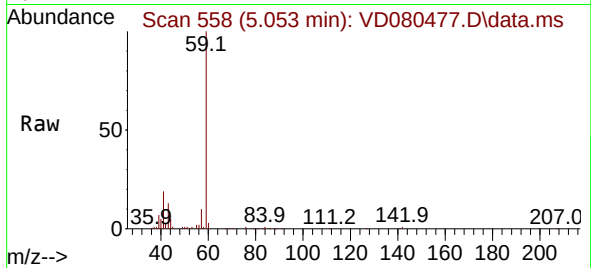




#11
Tert butyl alcohol
Concen: 758.405 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

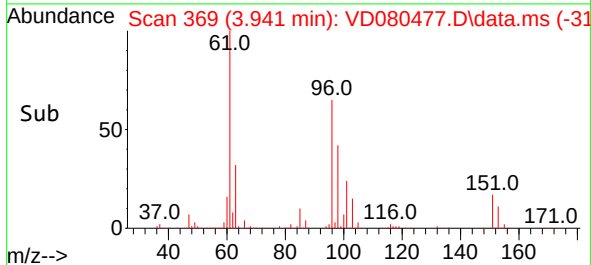
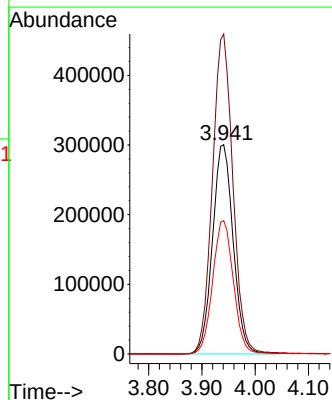
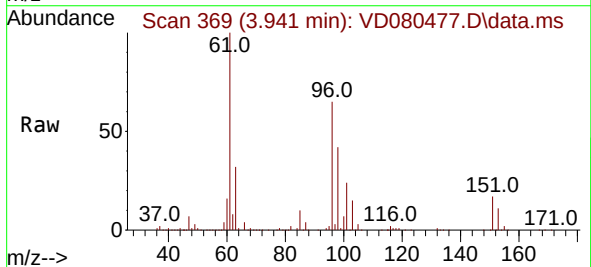
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

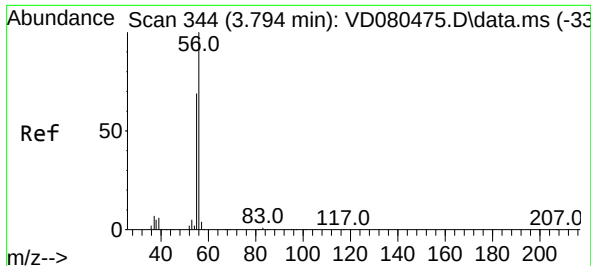
Tgt Ion: 59 Resp: 286049
Ion Ratio Lower Upper
59 100
57 10.0 8.8 13.2



#12
1,1-Dichloroethene
Concen: 151.662 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 96 Resp: 811036
Ion Ratio Lower Upper
96 100
61 152.9 114.9 172.3
98 63.7 50.5 75.7

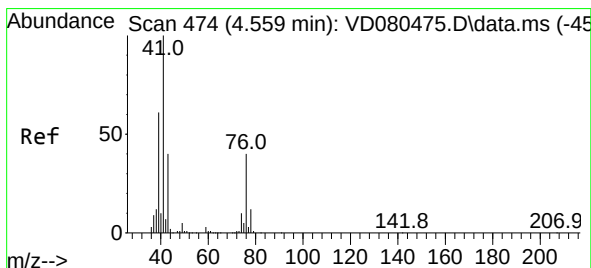
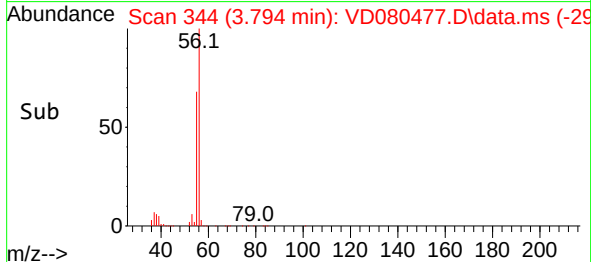
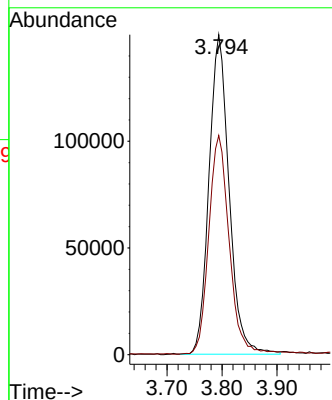
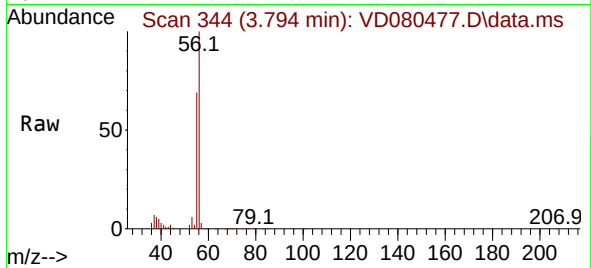




#13
Acrolein
Concen: 740.534 ug/l
RT: 3.794 min Scan# 344
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

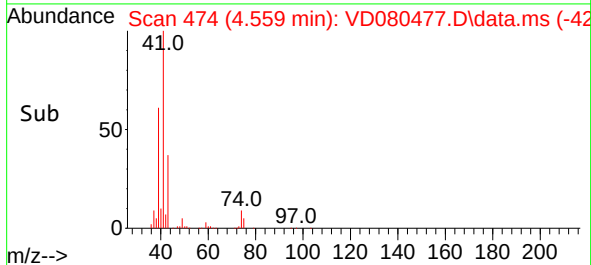
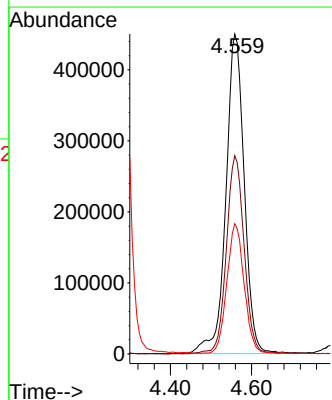
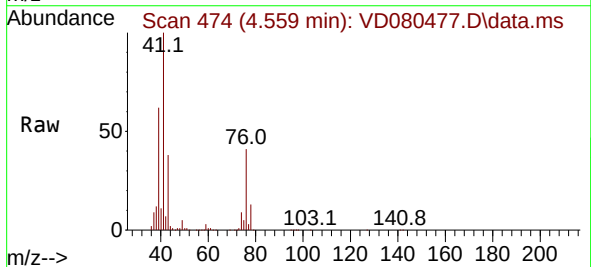
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

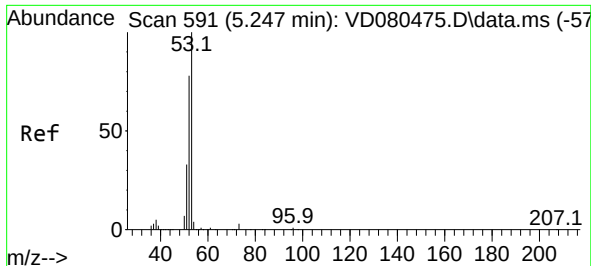
Tgt Ion: 56 Resp: 380625
Ion Ratio Lower Upper
56 100
55 69.9 56.2 84.2



#14
Allyl chloride
Concen: 151.073 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 41 Resp: 1414599
Ion Ratio Lower Upper
41 100
39 59.9 47.4 71.2
76 38.1 30.5 45.7



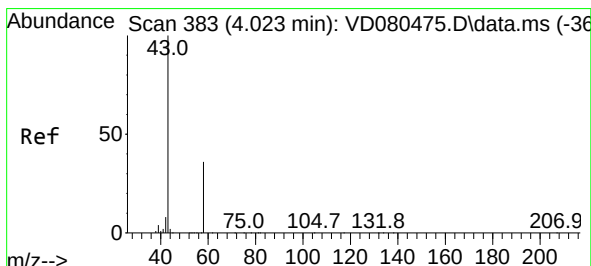
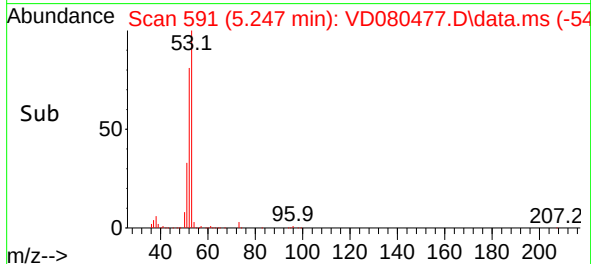
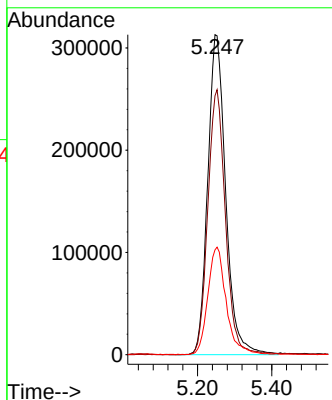
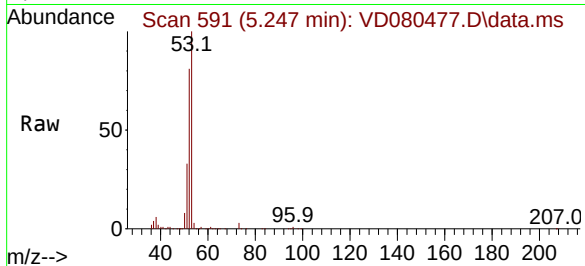


#15
Acrylonitrile
Concen: 760.792 ug/l
RT: 5.247 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 1054890

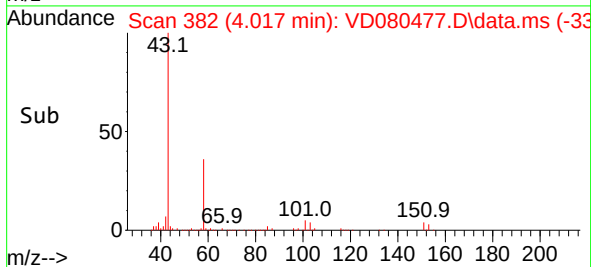
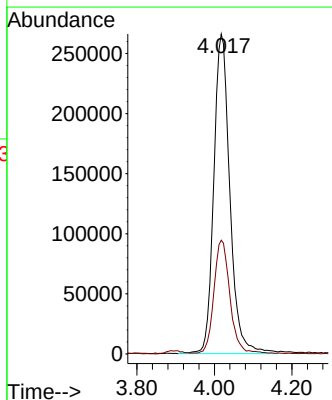
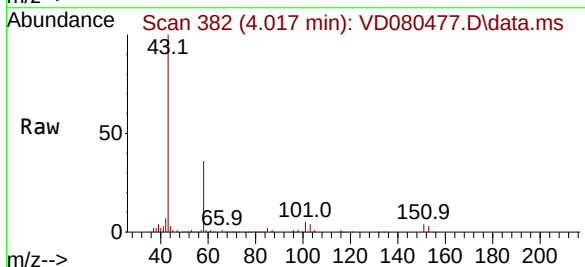
Ion	Ratio	Lower	Upper
53	100		
52	81.4	64.7	97.1
51	34.4	27.9	41.9

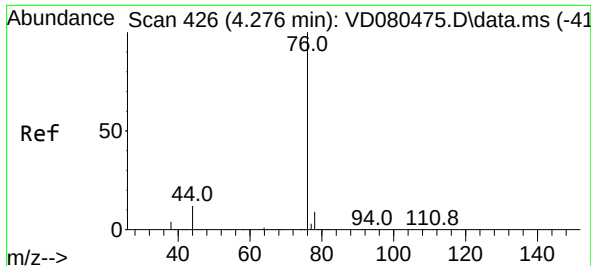


#16
Acetone
Concen: 640.787 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 43 Resp: 766930

Ion	Ratio	Lower	Upper
43	100		
58	35.3	29.0	43.4

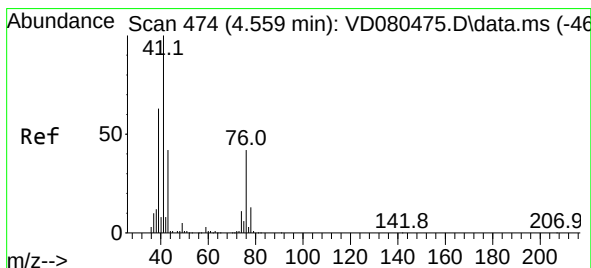
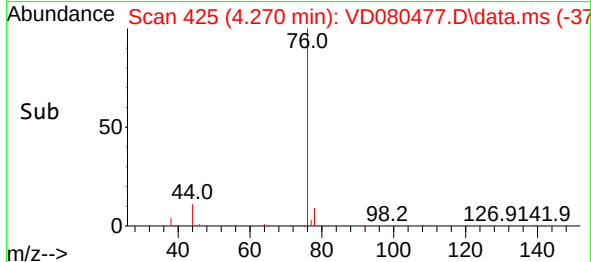
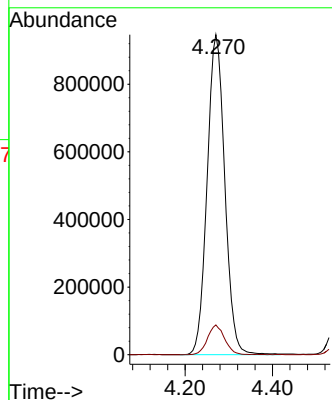
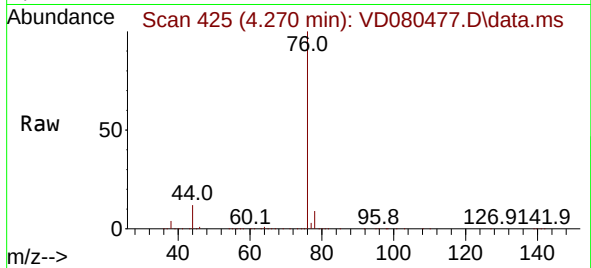




#17
Carbon Disulfide
Concen: 157.571 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

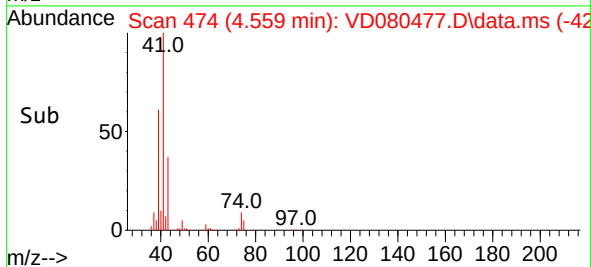
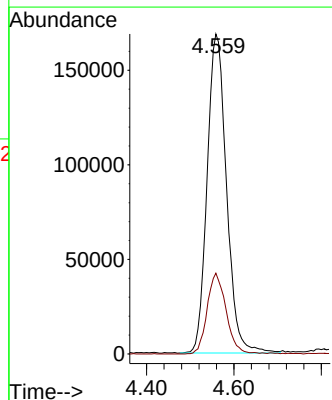
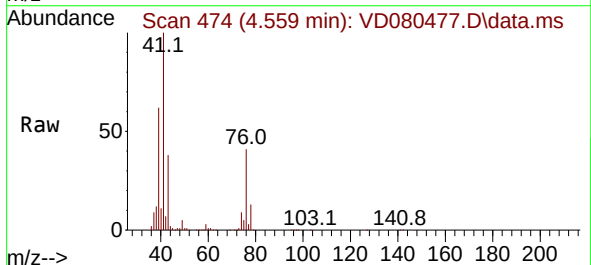
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

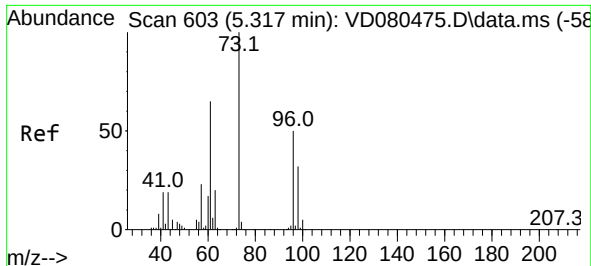
Tgt Ion: 76 Resp: 2661018
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 142.774 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 43 Resp: 519772
Ion Ratio Lower Upper
43 100
74 24.9 20.4 30.6

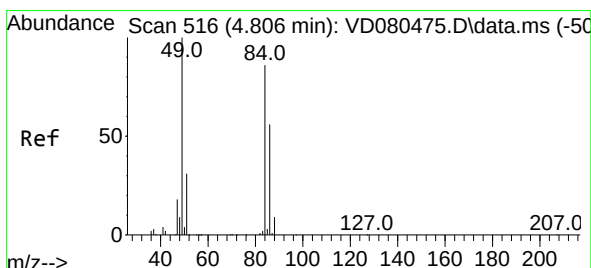
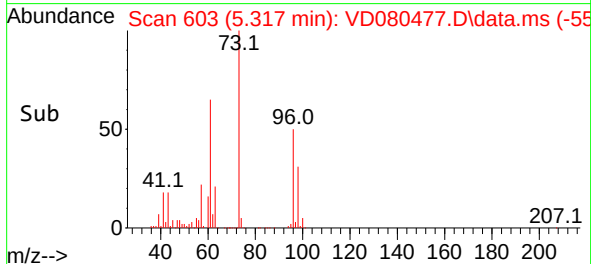
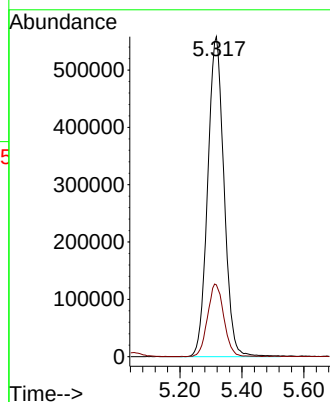
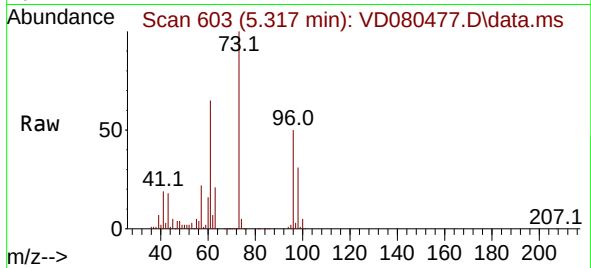




#19
Methyl tert-butyl Ether
Concen: 152.987 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

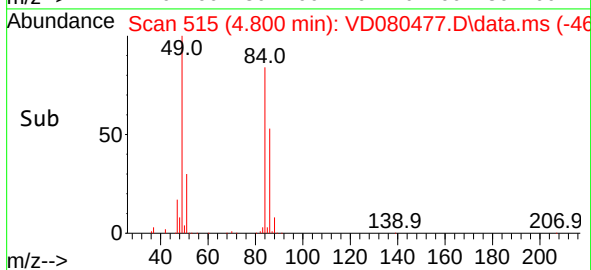
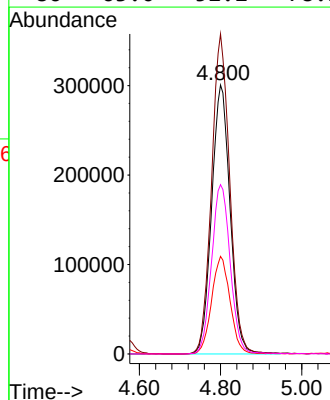
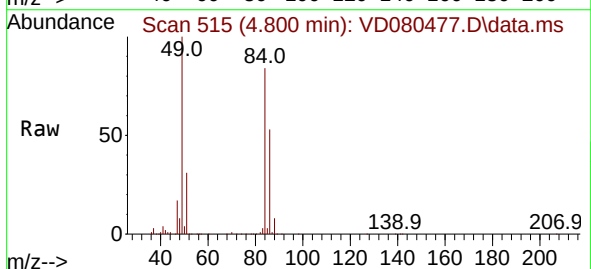
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

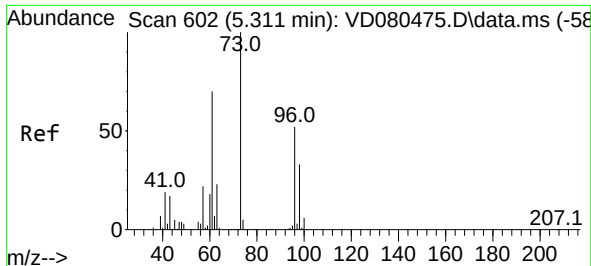
Tgt Ion: 73 Resp: 2033174
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7



#20
Methylene Chloride
Concen: 149.506 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 84 Resp: 947523
Ion Ratio Lower Upper
84 100
49 119.0 92.8 139.2
51 36.3 29.0 43.6
86 63.0 52.2 78.2

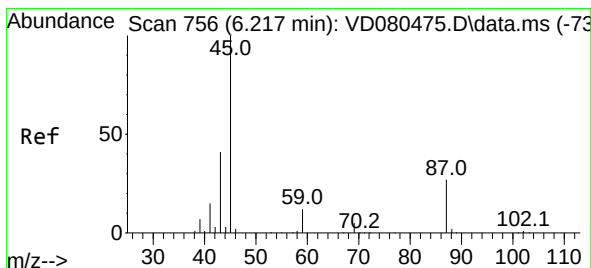
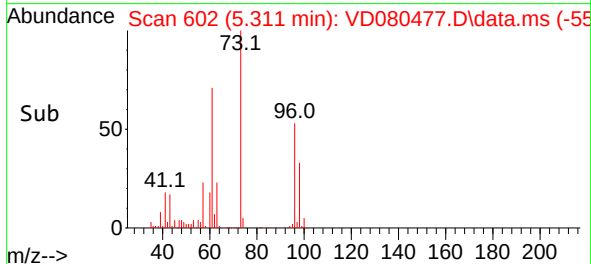
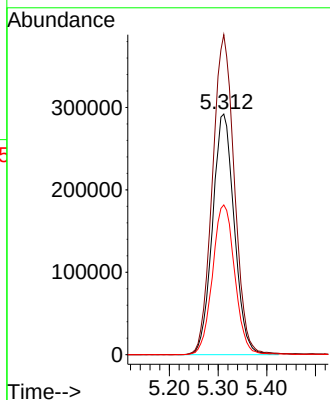
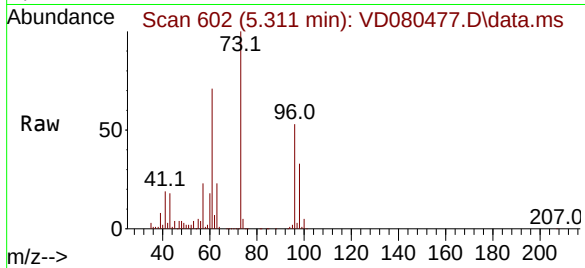




#21
trans-1,2-Dichloroethene
Concen: 152.281 ug/l
RT: 5.311 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

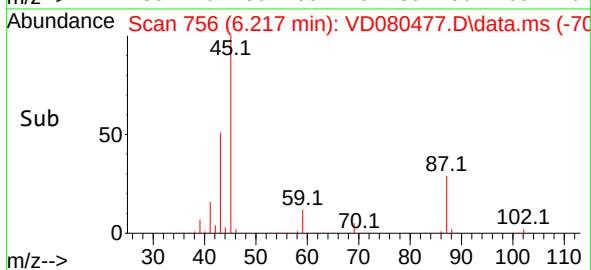
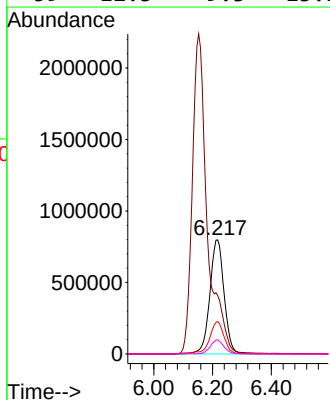
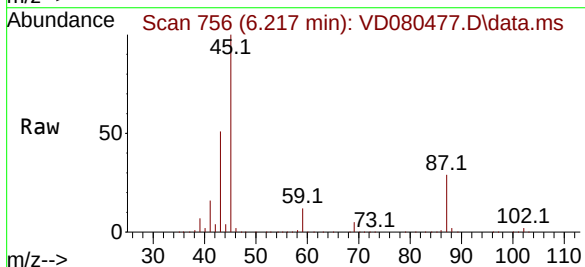
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

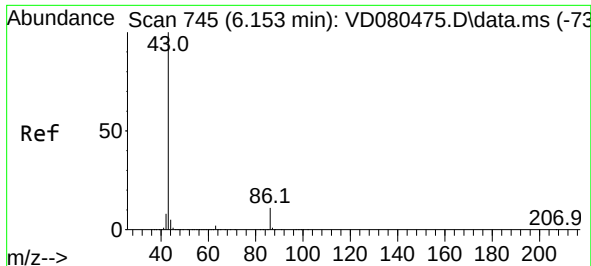
Tgt Ion: 96 Resp: 908320
Ion Ratio Lower Upper
96 100
61 133.0 108.6 163.0
98 62.2 51.5 77.3



#22
Diisopropyl ether
Concen: 149.106 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 45 Resp: 2695805
Ion Ratio Lower Upper
45 100
43 51.0 39.5 59.3
87 28.5 22.3 33.5
59 12.3 9.3 13.9

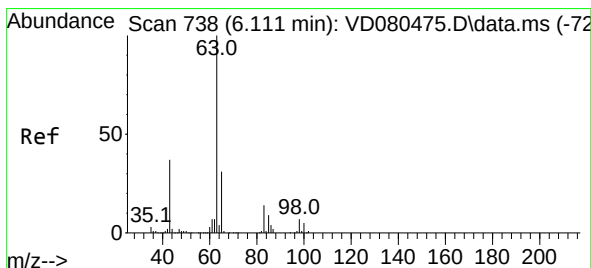
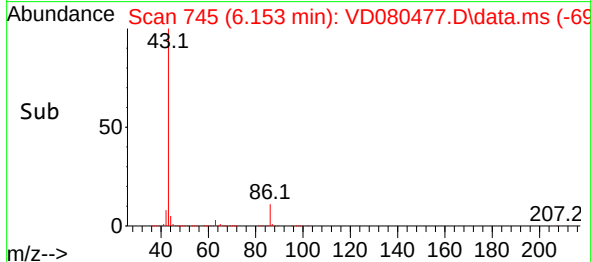
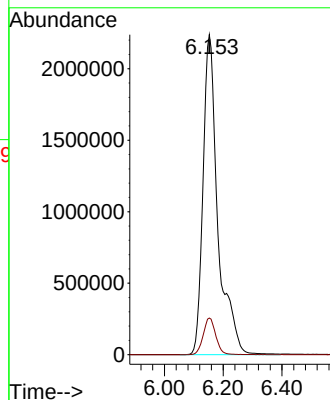
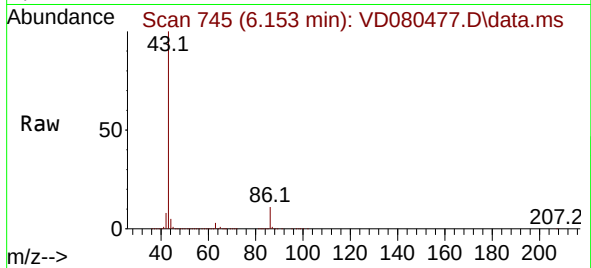




#23
 Vinyl Acetate
 Concen: 764.729 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

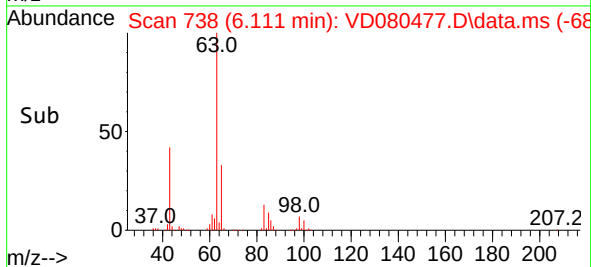
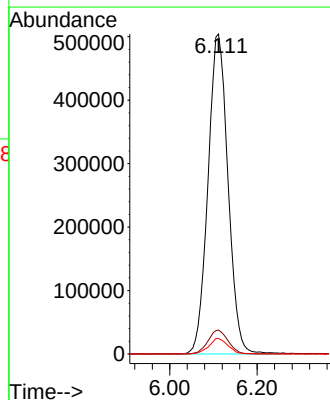
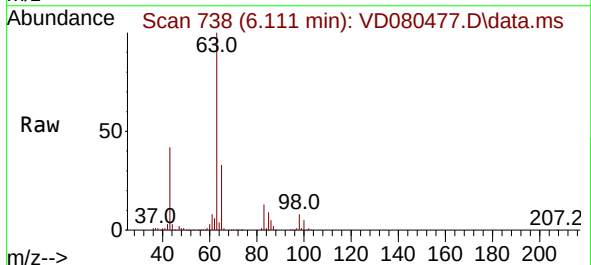
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

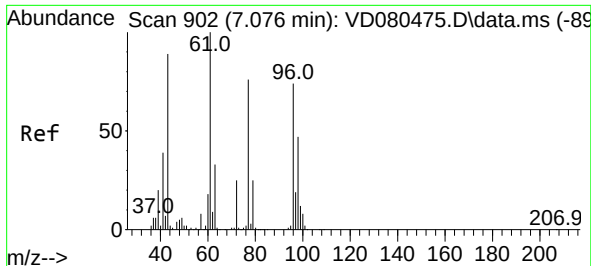
Tgt Ion: 43 Resp: 7878261
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 151.414 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

Tgt Ion: 63 Resp: 1606277
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.8 2.5 7.4

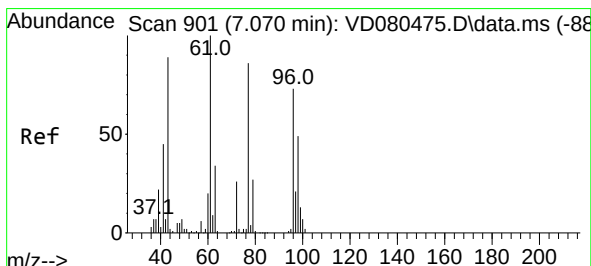
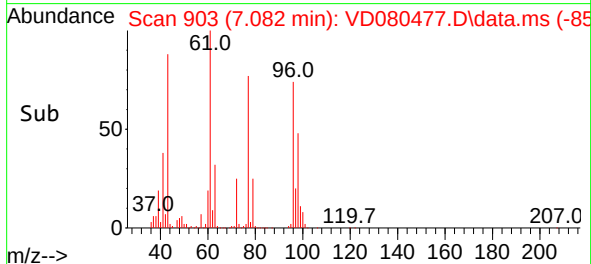
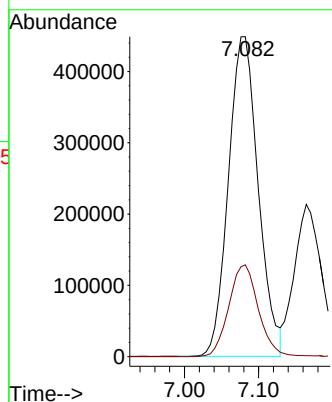
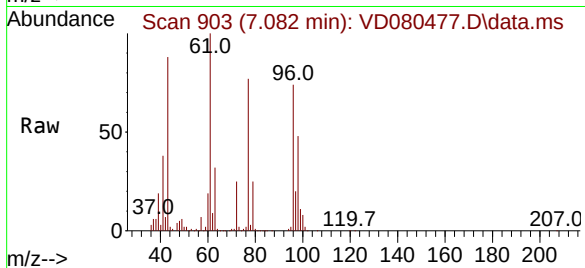




#25
2-Butanone
Concen: 713.654 ug/l
RT: 7.082 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

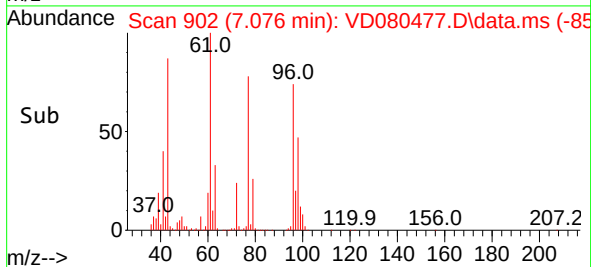
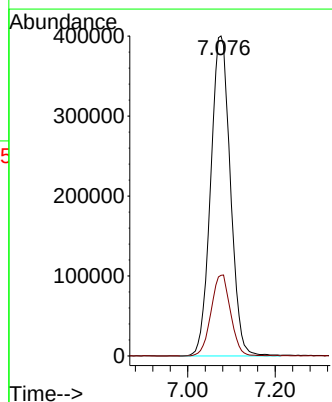
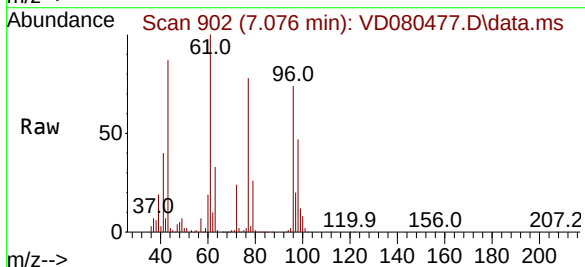
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

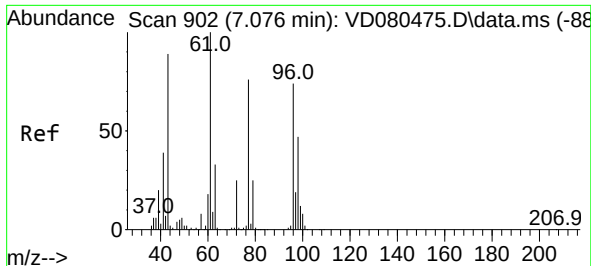
Tgt Ion: 43 Resp: 1253647
Ion Ratio Lower Upper
43 100
72 28.7 22.8 34.2



#26
2,2-Dichloropropane
Concen: 149.007 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 77 Resp: 1250932
Ion Ratio Lower Upper
77 100
97 25.0 12.2 36.6



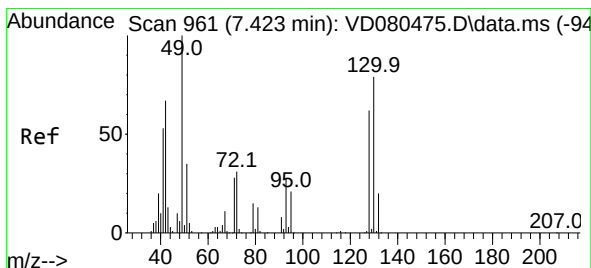
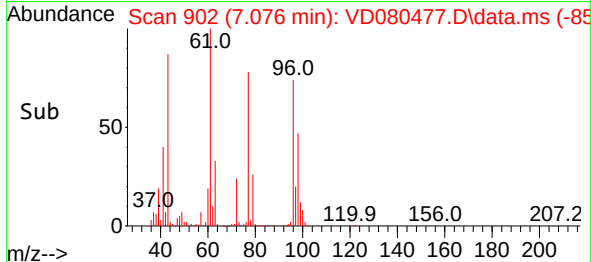
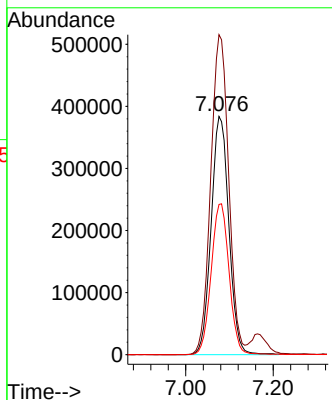
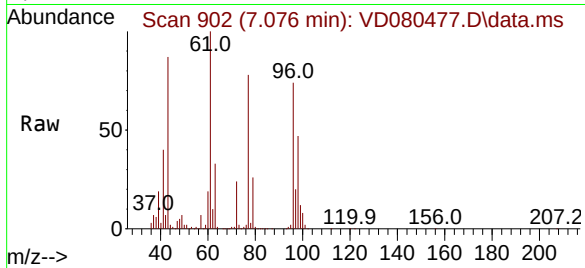


#27
 cis-1,2-Dichloroethene
 Concen: 151.407 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 1079641

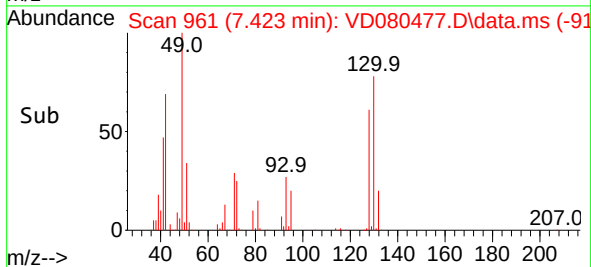
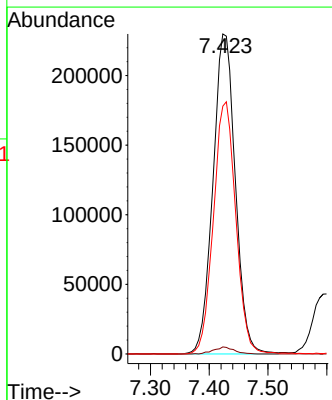
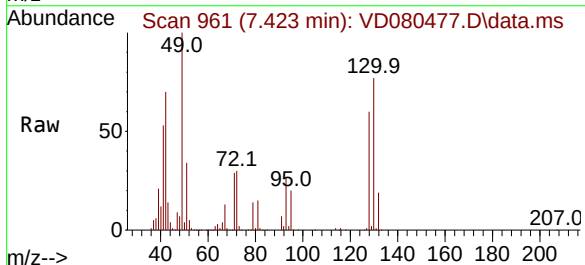
Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	274.6
98	64.0	0.0	128.0

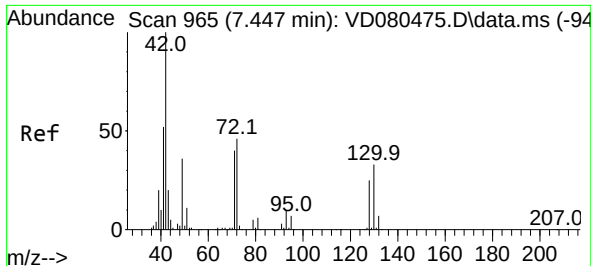


#28
 Bromochloromethane
 Concen: 145.518 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

Tgt Ion: 49 Resp: 608602

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	78.9	62.8	94.2

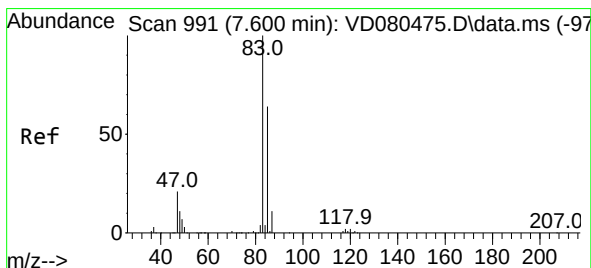
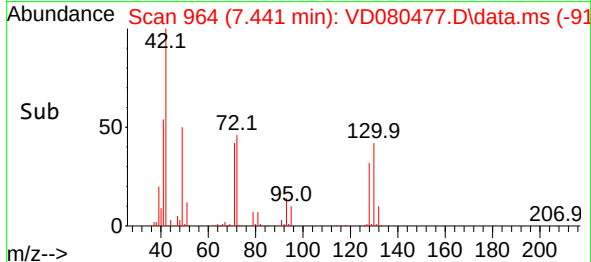
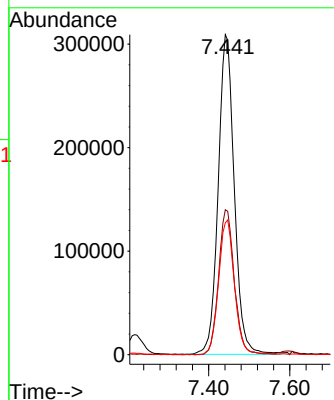
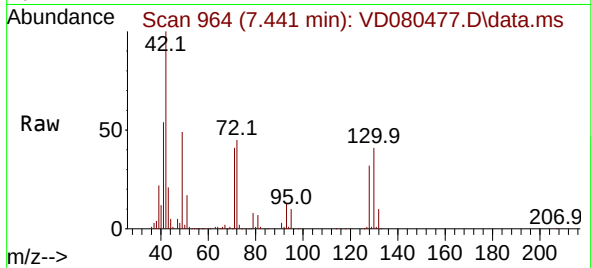




#29
Tetrahydrofuran
Concen: 770.012 ug/l
RT: 7.441 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

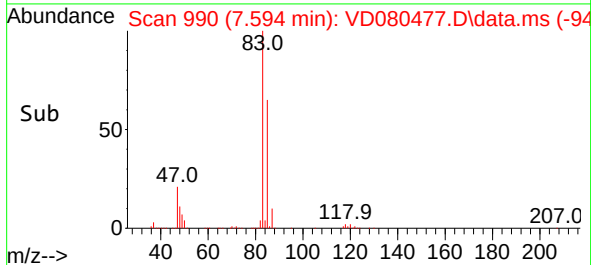
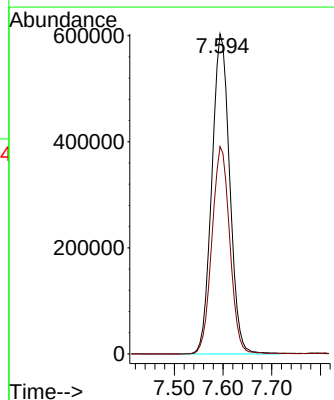
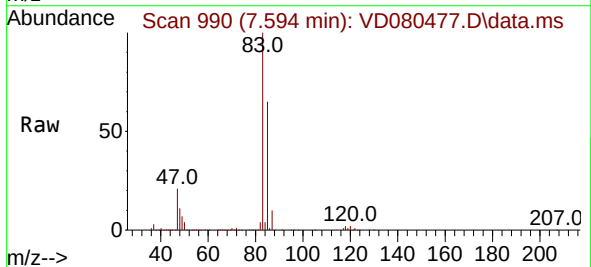
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

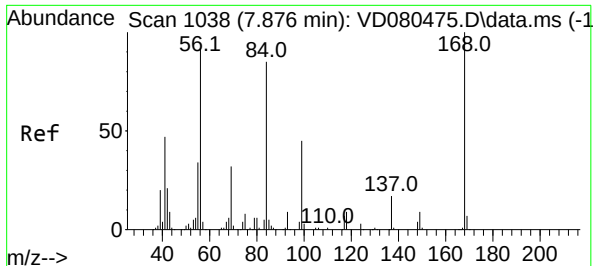
Tgt Ion: 42 Resp: 852170
Ion Ratio Lower Upper
42 100
72 44.4 35.9 53.9
71 41.3 33.2 49.8



#30
Chloroform
Concen: 151.155 ug/l
RT: 7.594 min Scan# 990
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 83 Resp: 1534968
Ion Ratio Lower Upper
83 100
85 64.8 51.2 76.8

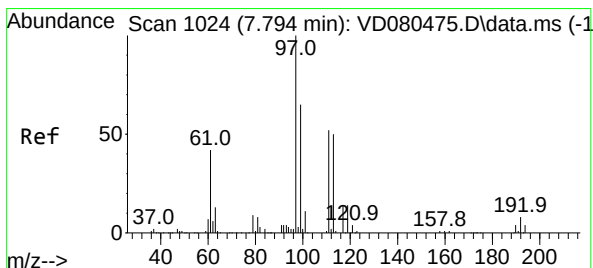
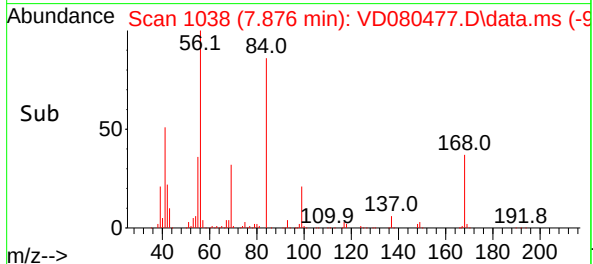
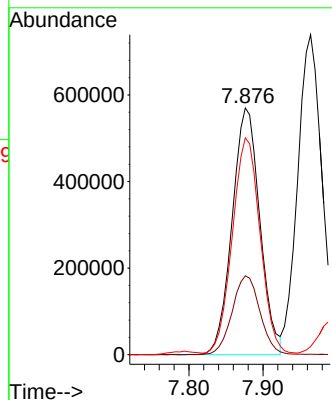
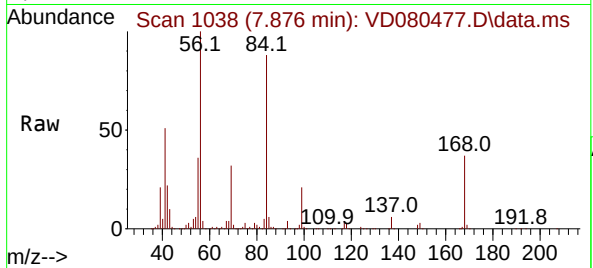




#31
Cyclohexane
Concen: 144.228 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

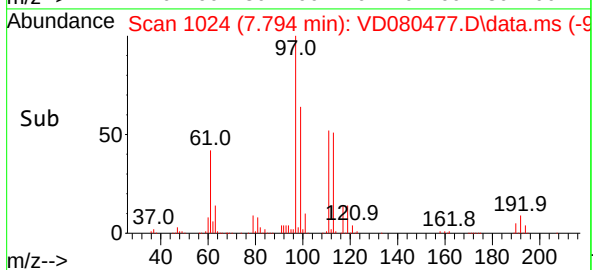
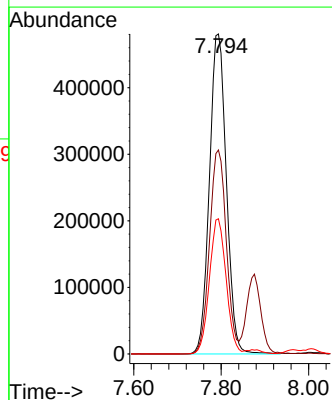
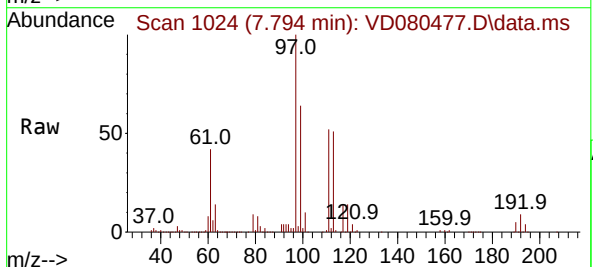
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

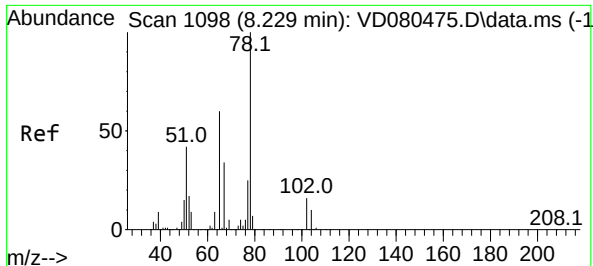
Tgt Ion: 56 Resp: 1482579
Ion Ratio Lower Upper
56 100
69 32.0 28.1 42.1
84 86.7 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 152.757 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 97 Resp: 1296965
Ion Ratio Lower Upper
97 100
99 63.4 51.5 77.3
61 41.8 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 156.968 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

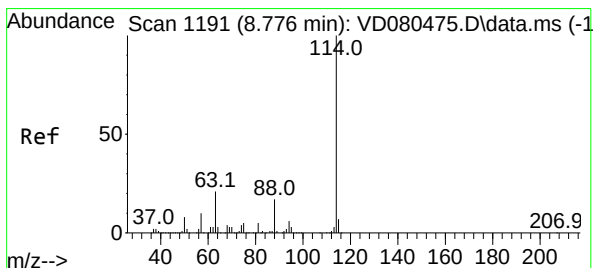
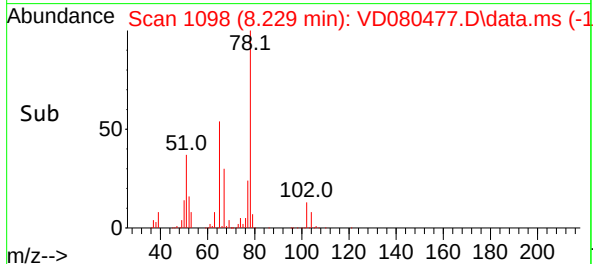
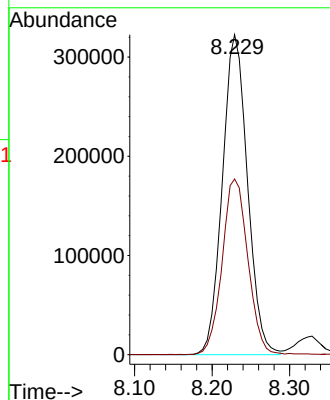
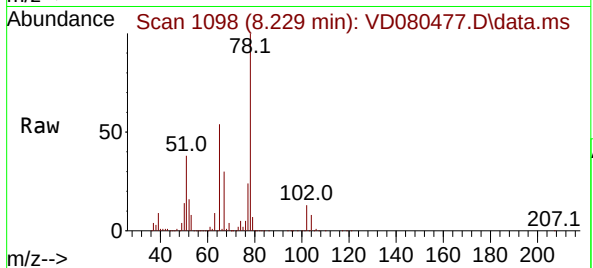
VSTDIC150

Tgt Ion: 65 Resp: 727121

Ion Ratio Lower Upper

65 100

67 56.3 0.0 113.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

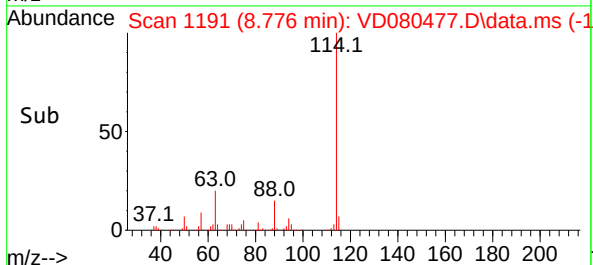
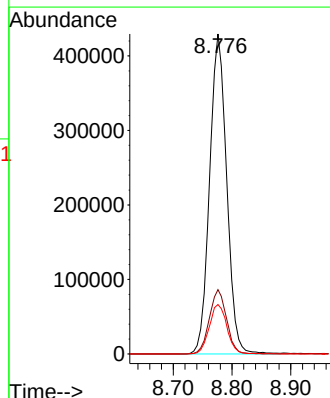
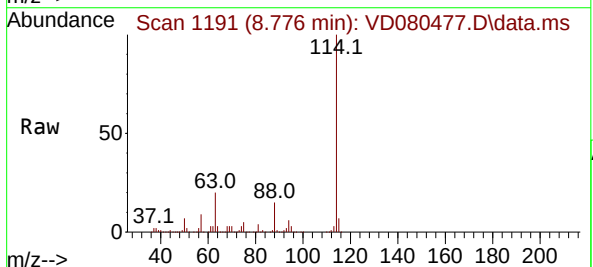
Tgt Ion: 114 Resp: 867160

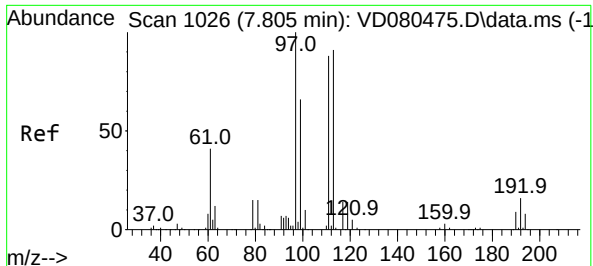
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.0

88 15.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 157.706 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

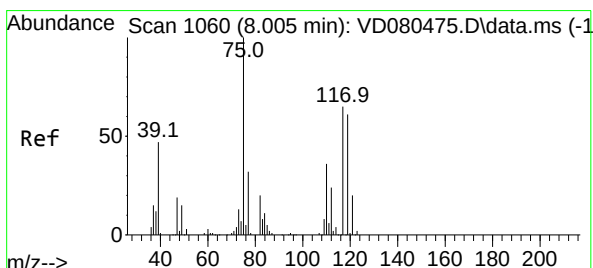
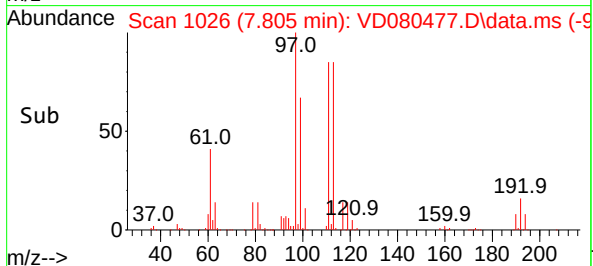
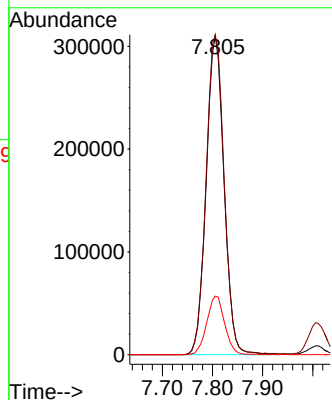
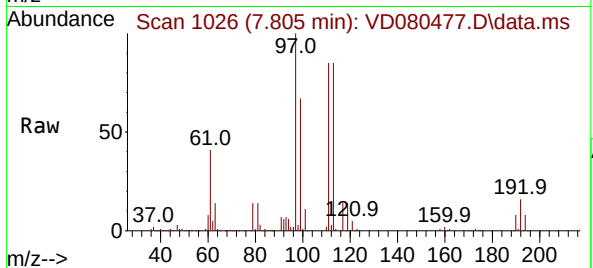
Tgt Ion:113 Resp: 765781

Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

192 18.5 15.0 22.6



#36

1,1-Dichloropropene

Concen: 151.220 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

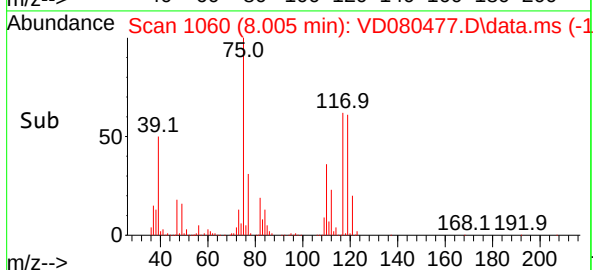
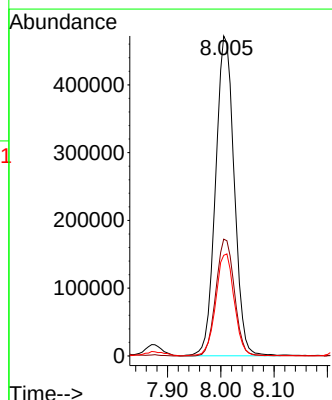
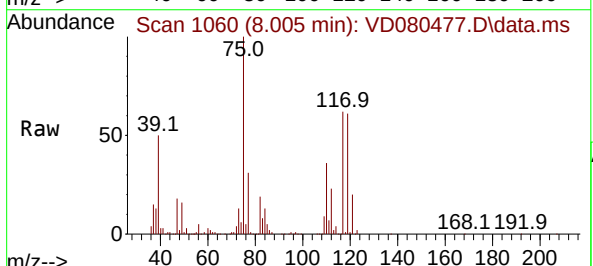
Tgt Ion: 75 Resp: 1146802

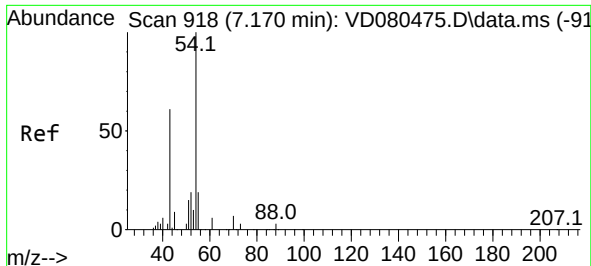
Ion Ratio Lower Upper

75 100

110 36.4 18.2 54.6

77 31.7 25.2 37.8

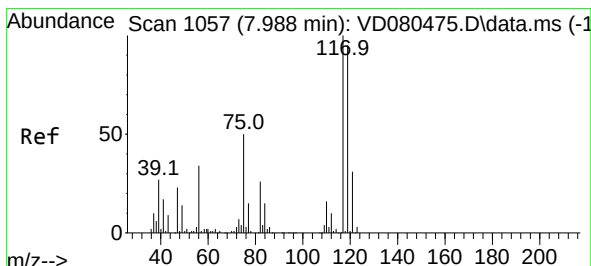
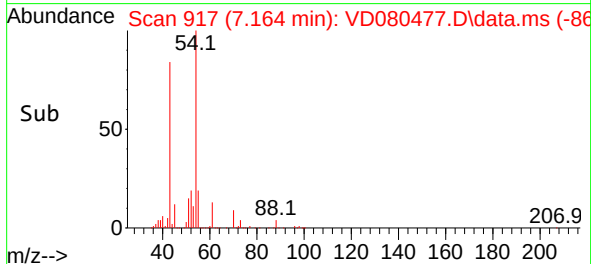
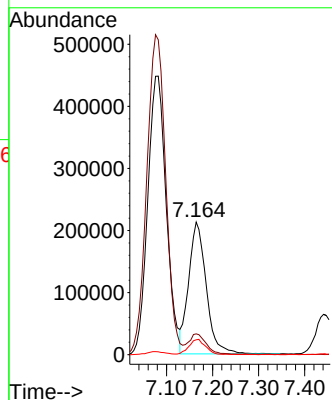
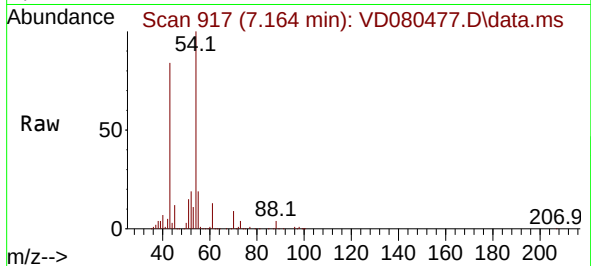




#37
Ethyl Acetate
Concen: 153.050 ug/l
RT: 7.164 min Scan# 918
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

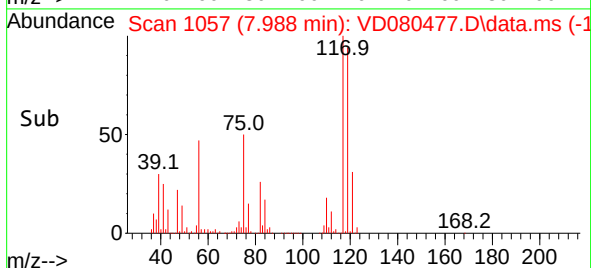
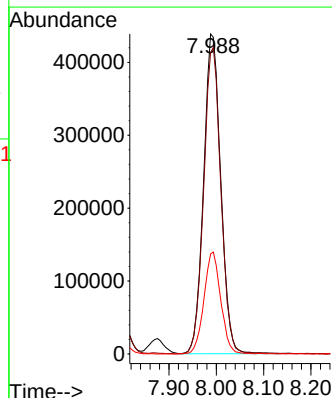
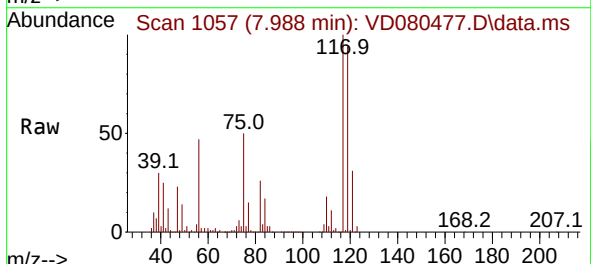
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

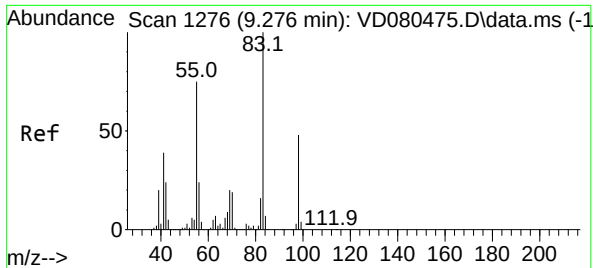
Tgt Ion: 43 Resp: 562300
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.2
70 11.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 152.311 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 117 Resp: 1103581
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.6
121 31.2 25.0 37.4



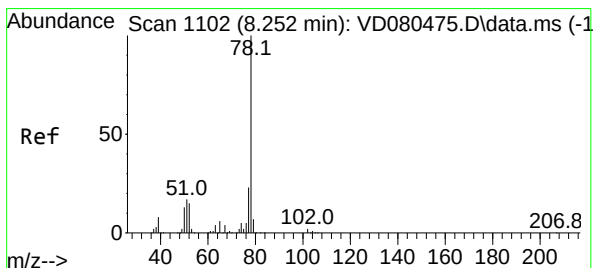
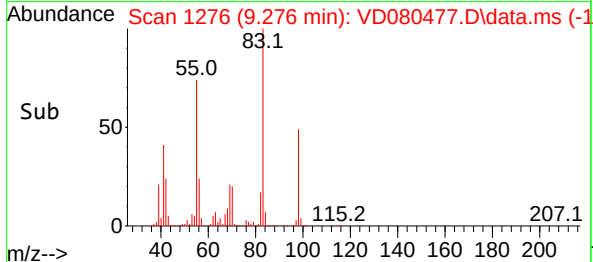
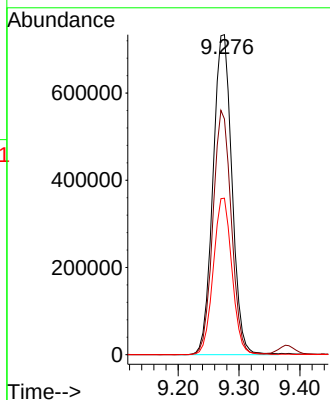
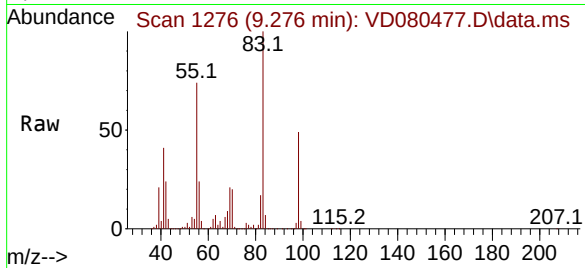


#39
Methylcyclohexane
Concen: 152.055 ug/l
RT: 9.276 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 1587628

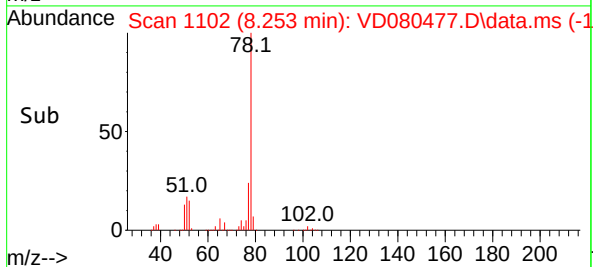
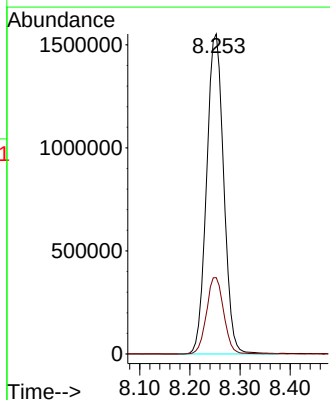
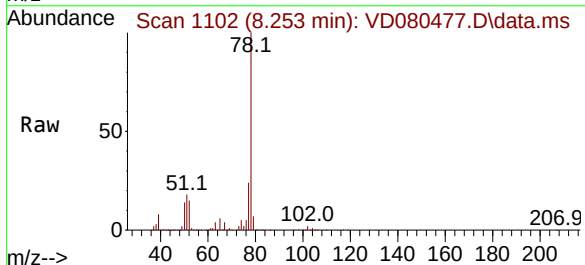
Ion	Ratio	Lower	Upper
83	100		
55	73.6	59.8	89.8
98	48.9	38.2	57.2

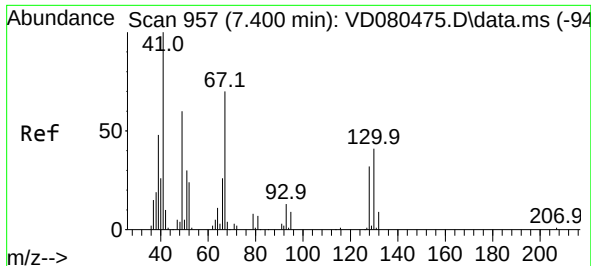


#40
Benzene
Concen: 151.083 ug/l
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 78 Resp: 3677372

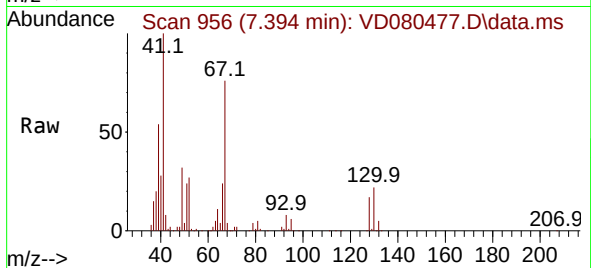
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





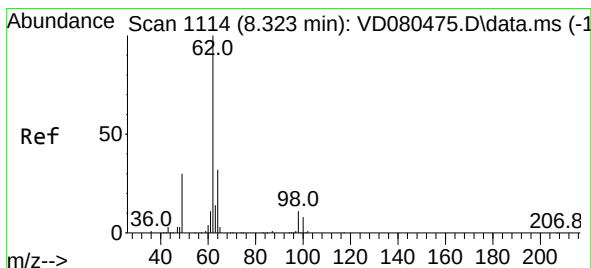
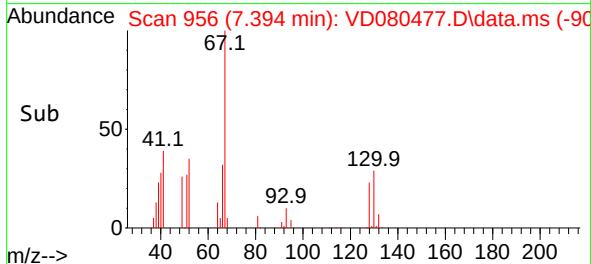
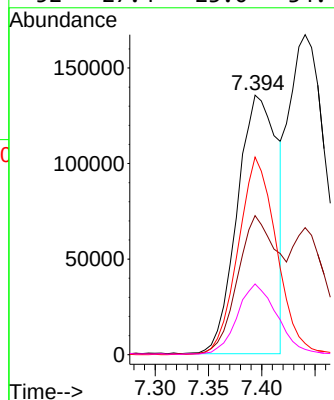
#41
Methacrylonitrile
Concen: 150.233 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 353910

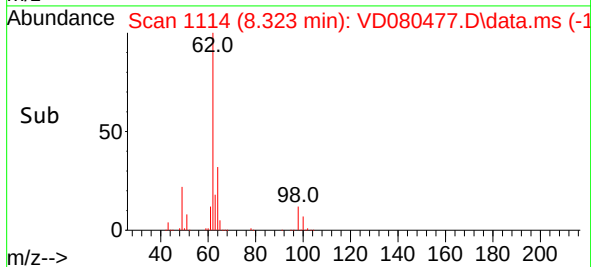
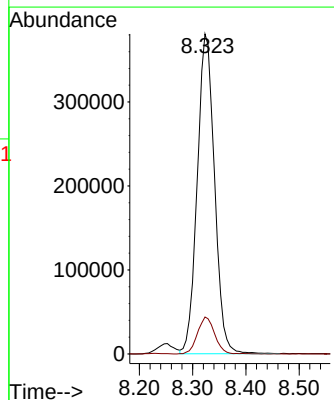
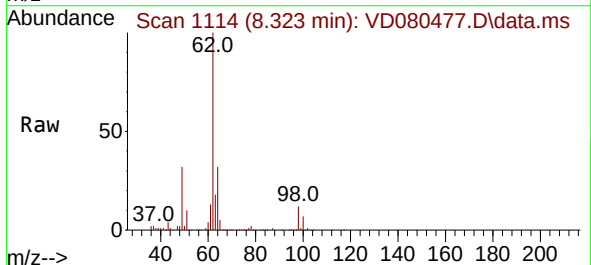
Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.4	65.0
67	74.3	59.2	88.8
52	27.4	23.0	34.4

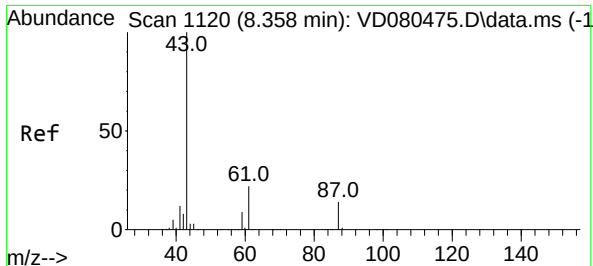


#42
1,2-Dichloroethane
Concen: 150.039 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 62 Resp: 859124

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.0



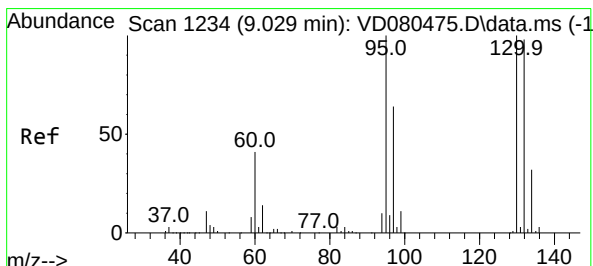
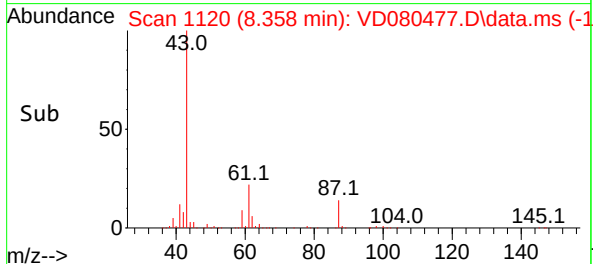
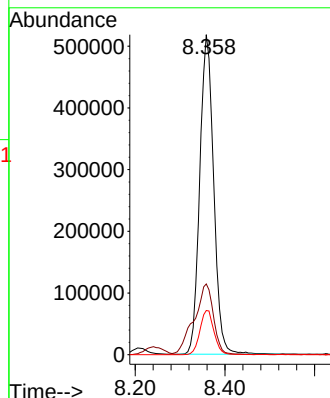
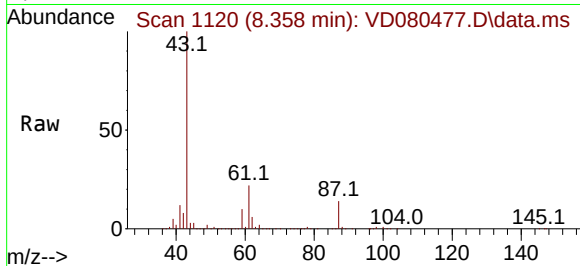


#43
Isopropyl Acetate
Concen: 153.736 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1115181

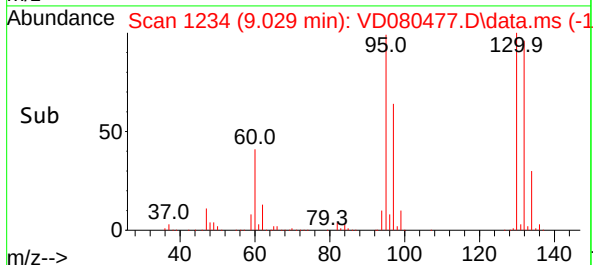
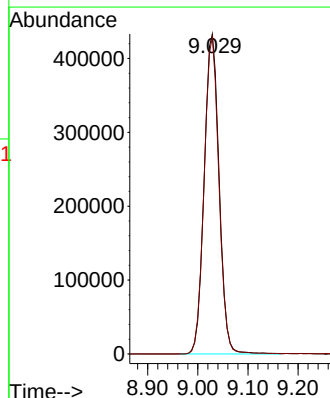
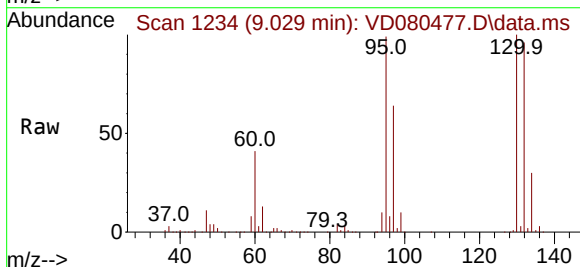
Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.4	36.6
87	14.0	11.4	17.2

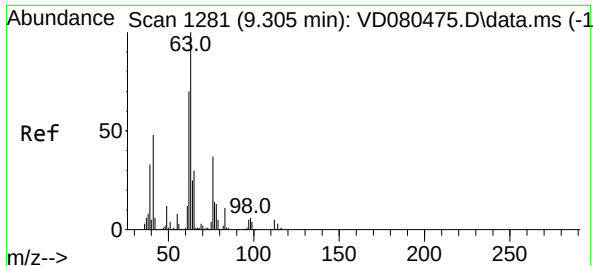


#44
Trichloroethene
Concen: 151.986 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion:130 Resp: 896550

Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	200.6





#45

1,2-Dichloropropane

Concen: 151.457 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

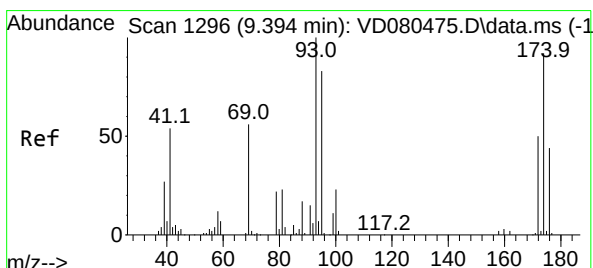
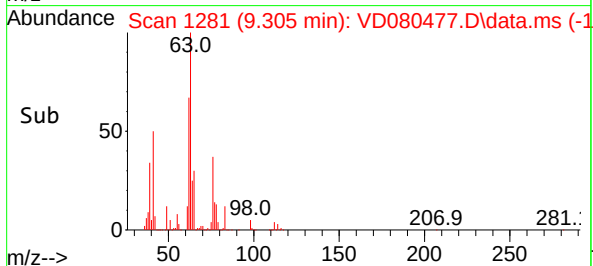
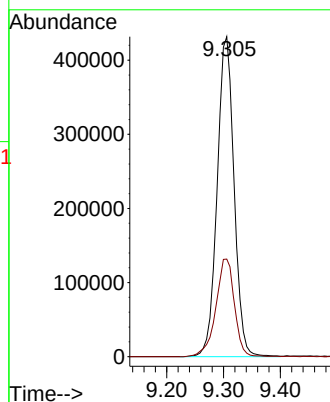
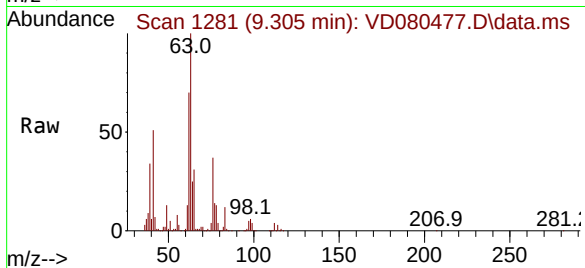
VSTDIC150

Tgt Ion: 63 Resp: 894066

Ion Ratio Lower Upper

63 100

65 30.5 24.0 36.0



#46

Dibromomethane

Concen: 152.843 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

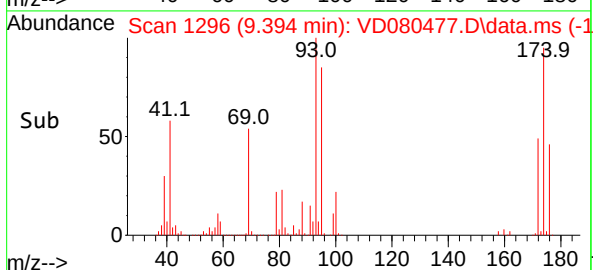
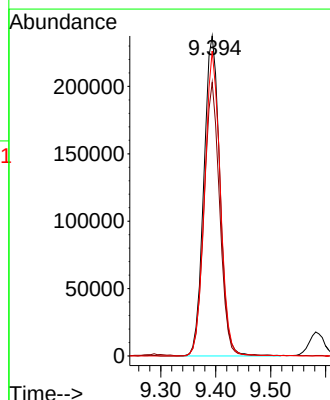
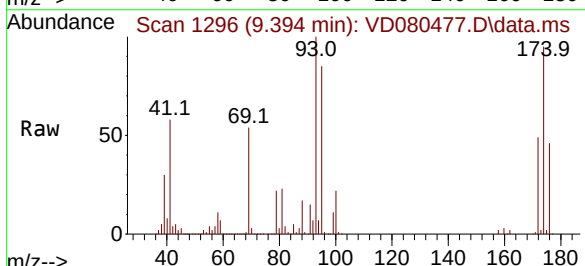
Tgt Ion: 93 Resp: 481060

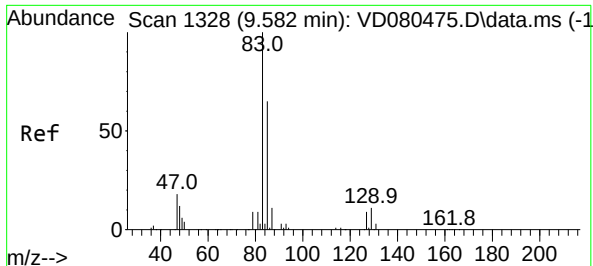
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 92.9 75.4 113.0

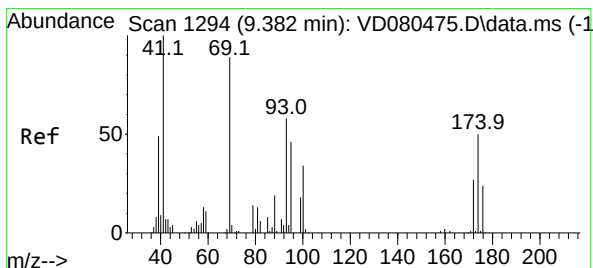
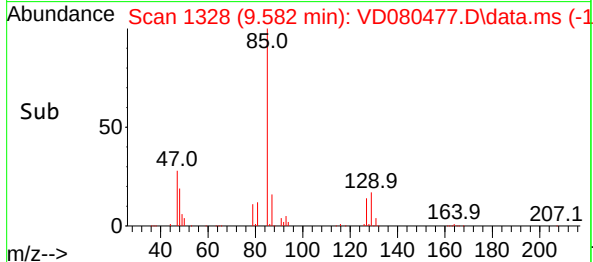
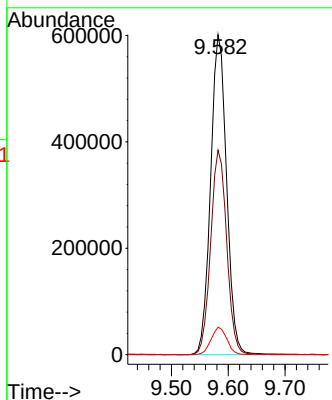
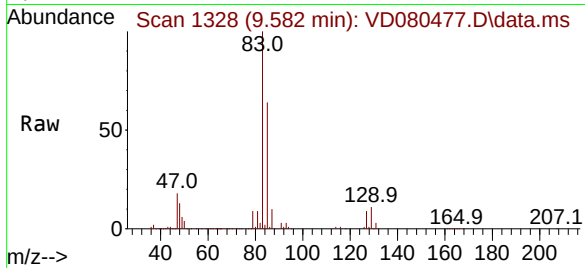




#47
Bromodichloromethane
Concen: 150.431 ug/l
RT: 9.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

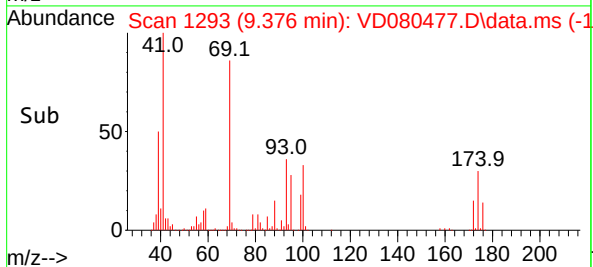
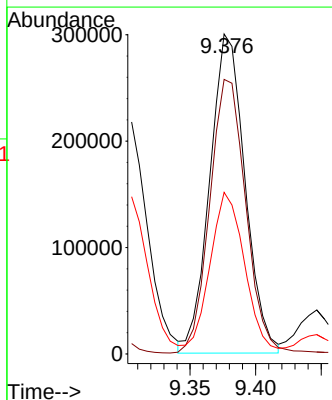
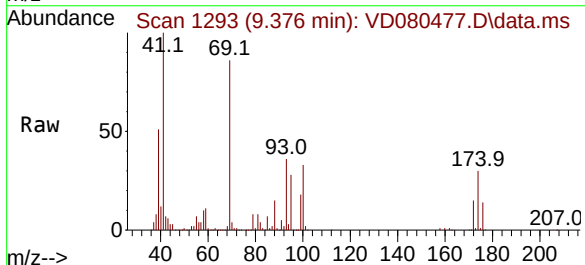
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

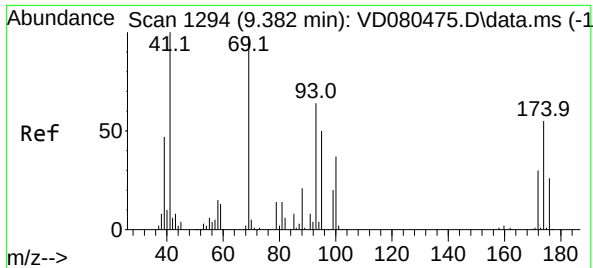
Tgt Ion: 83 Resp: 1173803
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.2
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 152.601 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 41 Resp: 559969
Ion Ratio Lower Upper
41 100
69 88.2 70.2 105.4
39 46.5 40.2 60.2

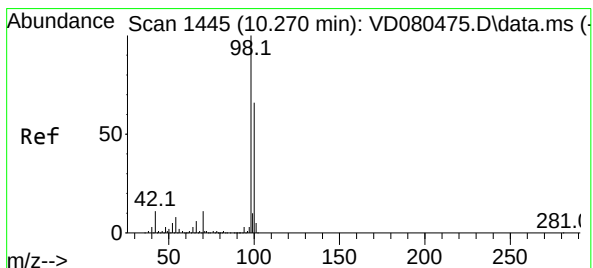
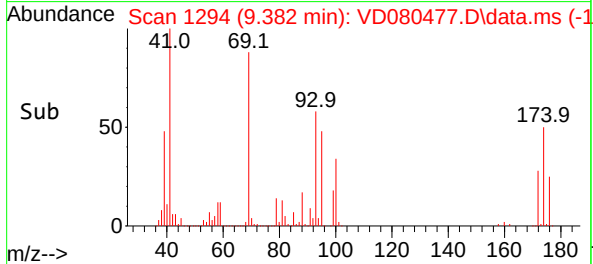
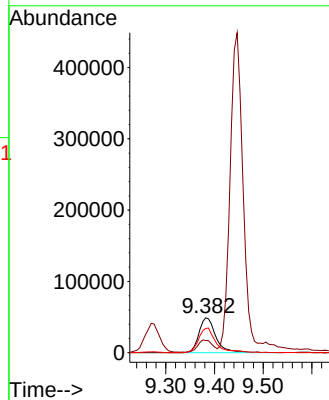
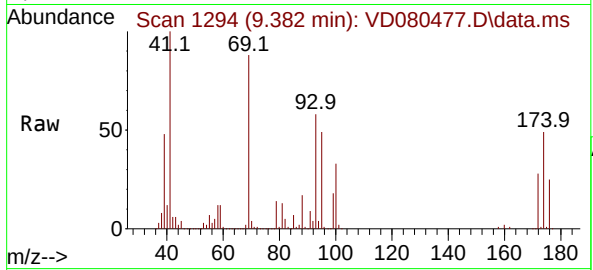




#49
1,4-Dioxane
Concen: 2906.271 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

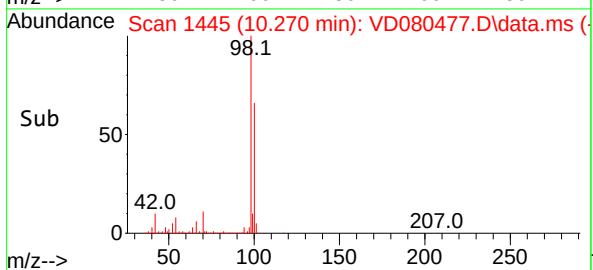
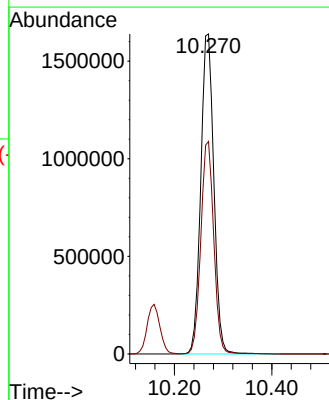
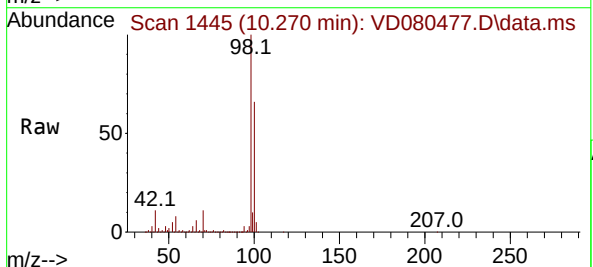
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

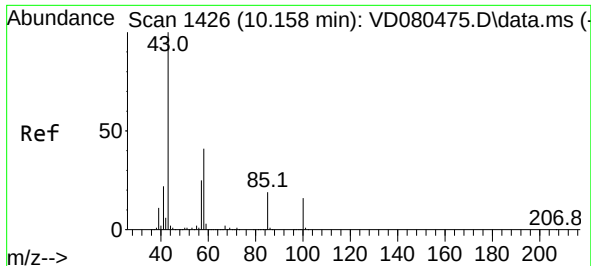
Tgt Ion: 88 Resp: 118664
Ion Ratio Lower Upper
88 100
43 30.7 26.7 40.1
58 72.7 56.4 84.6



#50
Toluene-d8
Concen: 155.679 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 98 Resp: 3053875
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4

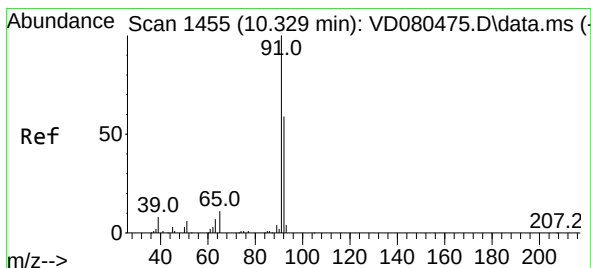
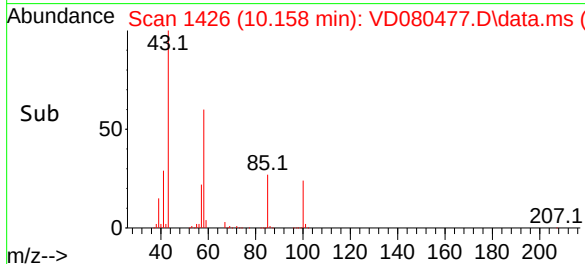
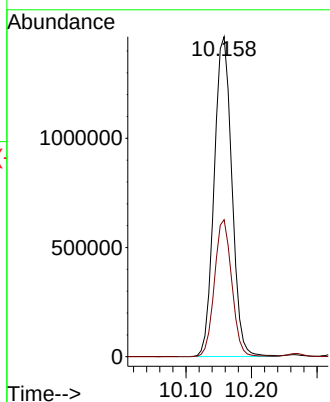
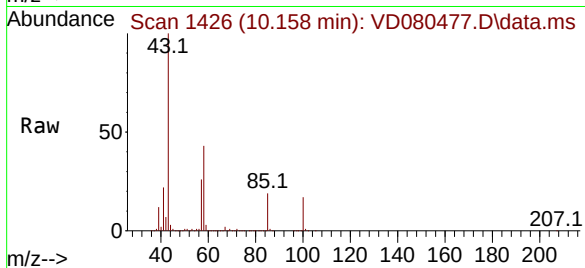




#51
4-Methyl-2-Pentanone
Concen: 744.939 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

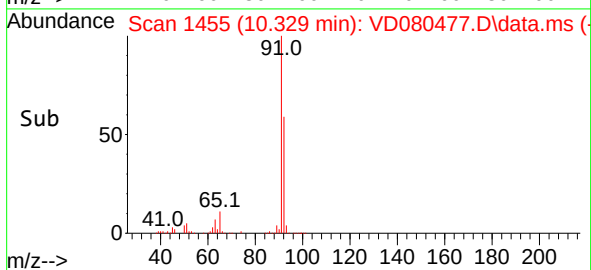
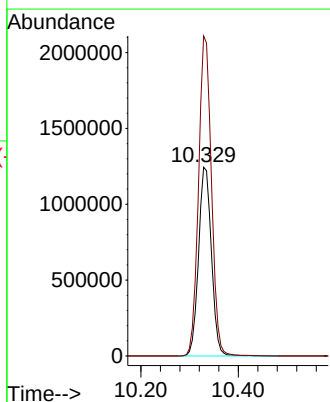
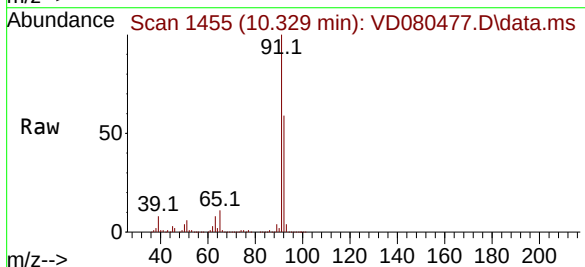
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

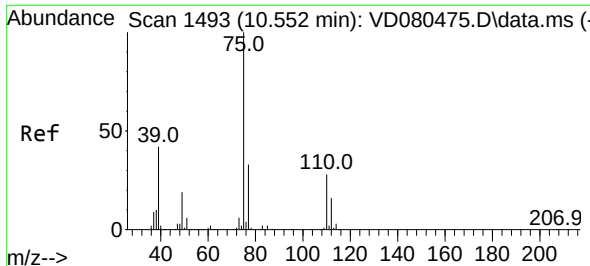
Tgt Ion: 43 Resp: 2744068
Ion Ratio Lower Upper
43 100
58 41.9 33.3 49.9



#52
Toluene
Concen: 150.244 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 92 Resp: 2285667
Ion Ratio Lower Upper
92 100
91 169.9 137.1 205.7

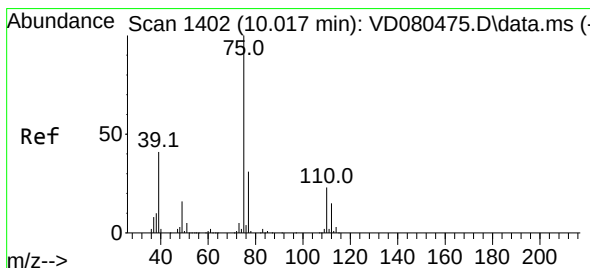
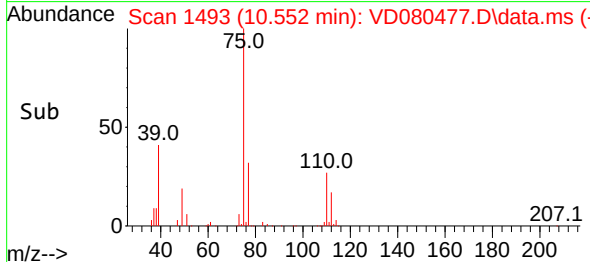
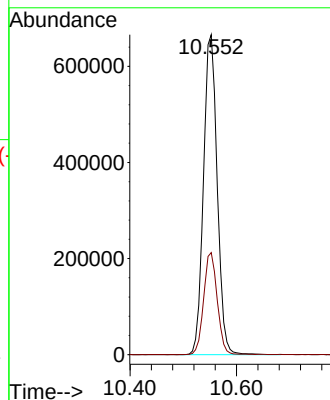
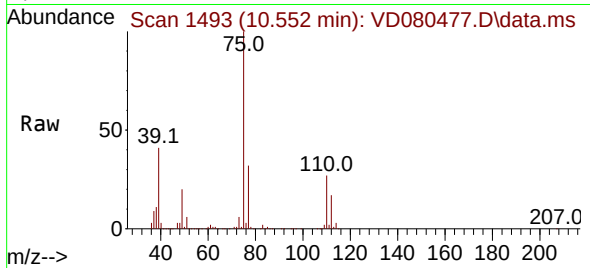




#53
 t-1,3-Dichloropropene
 Concen: 151.985 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

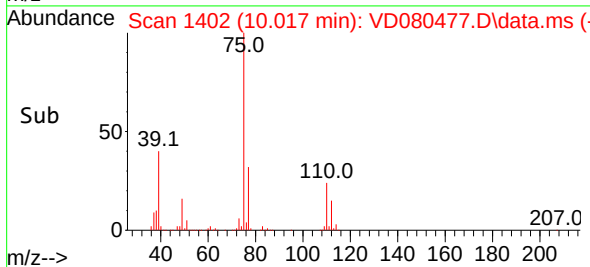
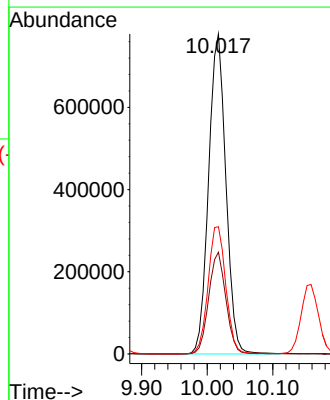
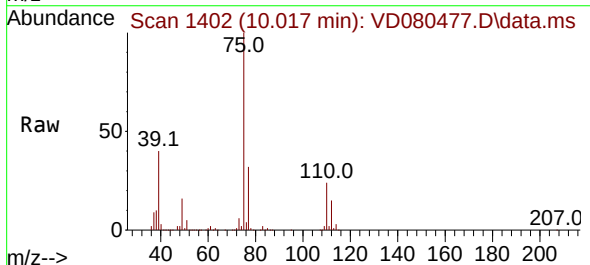
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

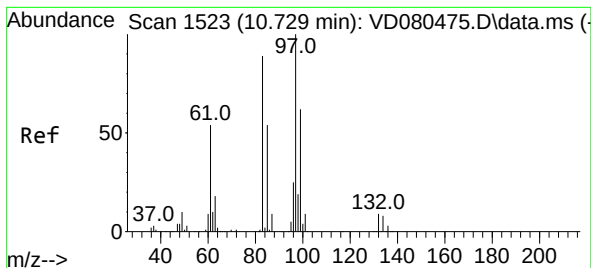
Tgt Ion: 75 Resp: 1187794
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 151.684 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

Tgt Ion: 75 Resp: 1424120
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3
 39 39.7 32.5 48.7





#55

1,1,2-Trichloroethane

Concen: 148.623 ug/l

RT: 10.729 min Scan# 1523

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 637670

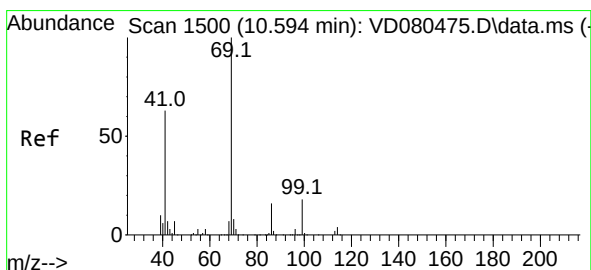
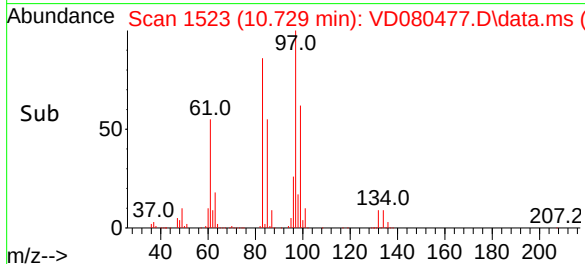
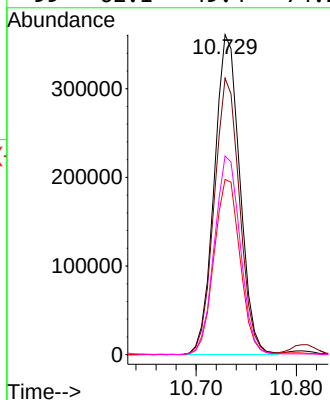
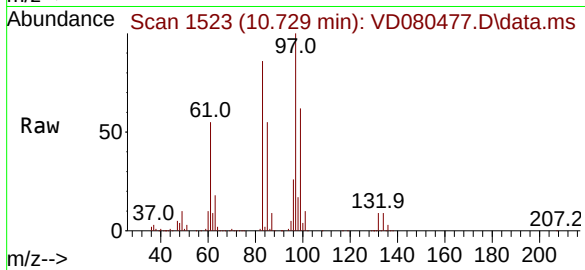
Ion Ratio Lower Upper

97 100

83 86.4 71.4 107.2

85 54.8 43.4 65.2

99 62.1 49.4 74.2



#56

Ethyl methacrylate

Concen: 149.191 ug/l

RT: 10.594 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

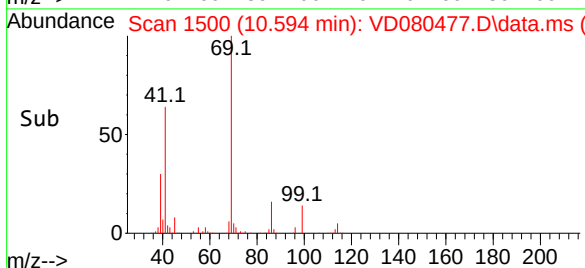
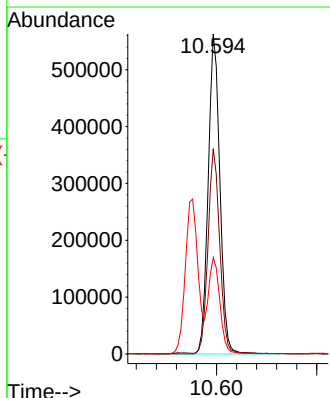
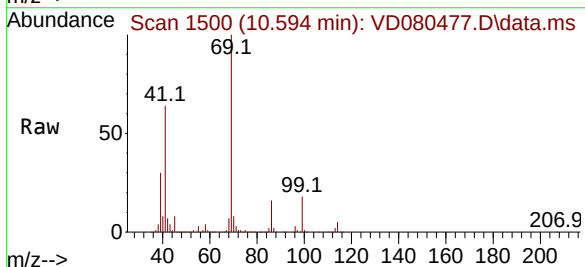
Tgt Ion: 69 Resp: 913688

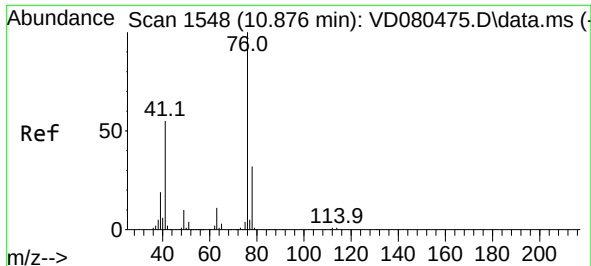
Ion Ratio Lower Upper

69 100

41 63.7 50.7 76.1

39 28.8 23.4 35.2





#57

1,3-Dichloropropane

Concen: 149.943 ug/l

RT: 10.876 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

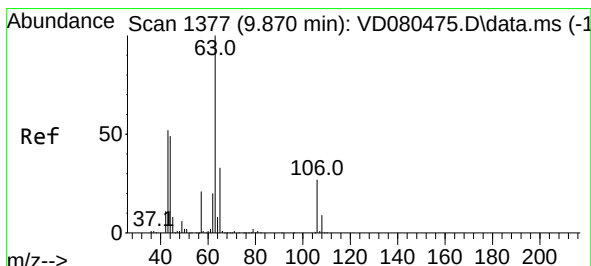
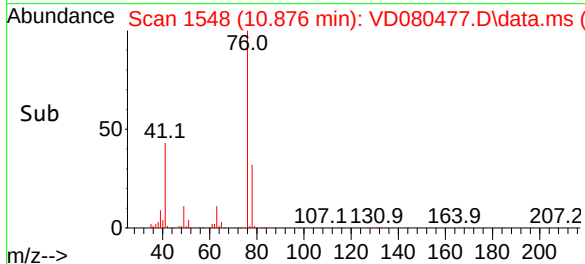
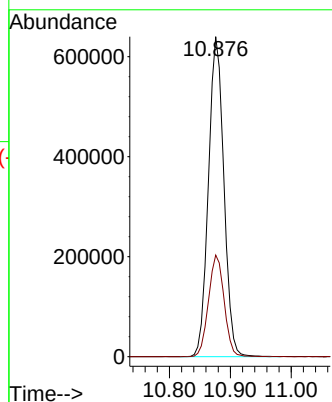
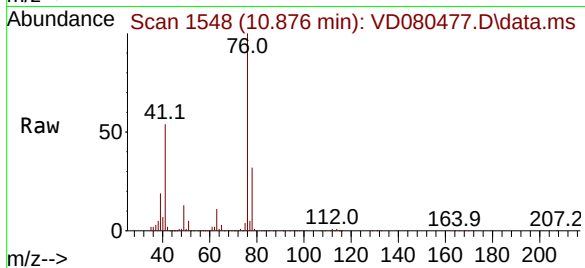
VSTDIC150

Tgt Ion: 76 Resp: 1125609

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 741.088 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080477.D

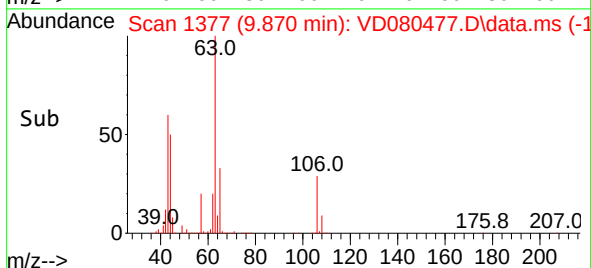
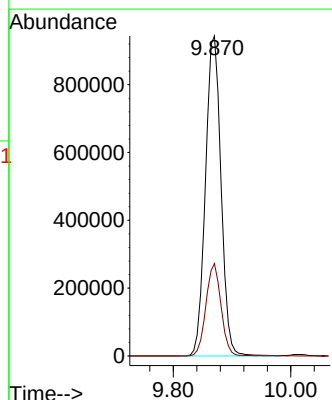
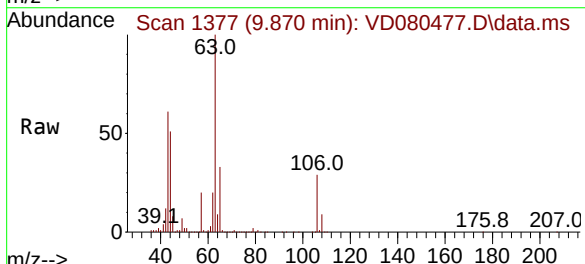
Acq: 26 Jun 2025 12:13

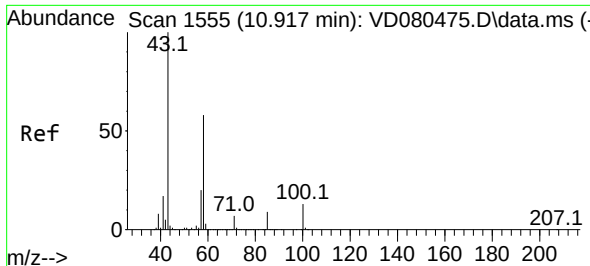
Tgt Ion: 63 Resp: 1733383

Ion Ratio Lower Upper

63 100

106 28.0 21.7 32.5

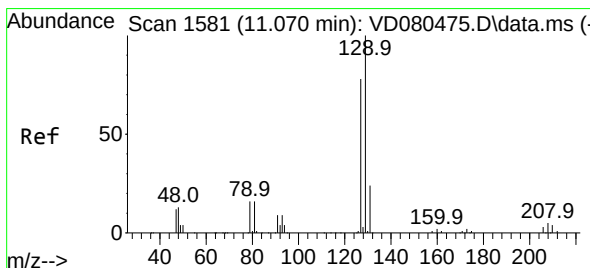
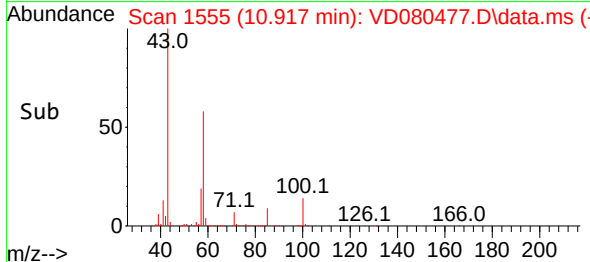
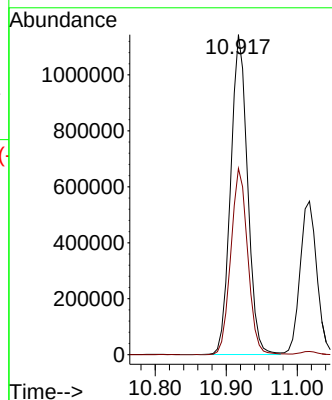
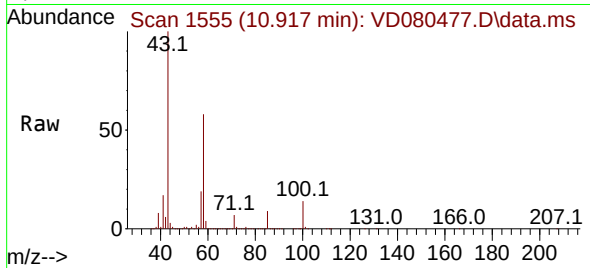




#59
2-Hexanone
Concen: 726.282 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

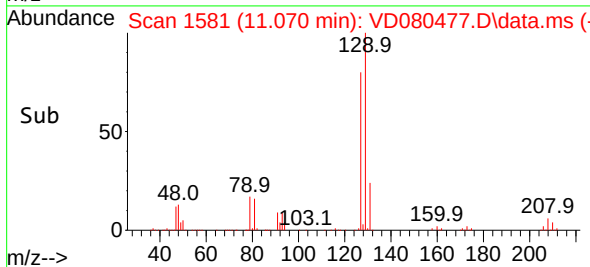
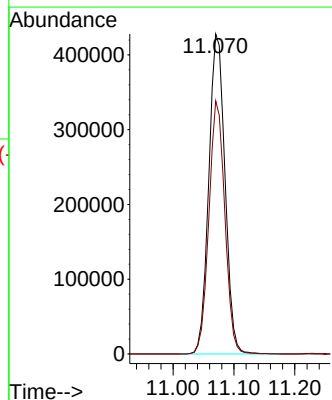
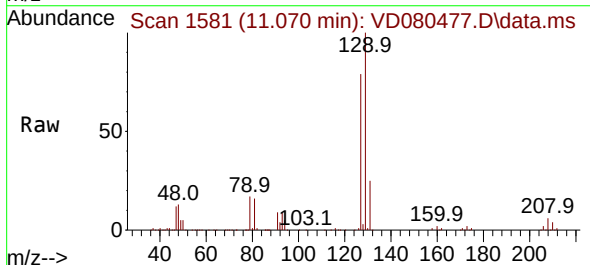
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

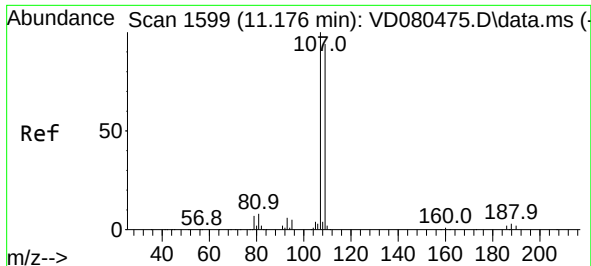
Tgt Ion: 43 Resp: 1893466
Ion Ratio Lower Upper
43 100
58 58.2 29.0 87.1



#60
Dibromochloromethane
Concen: 149.276 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 129 Resp: 790514
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2

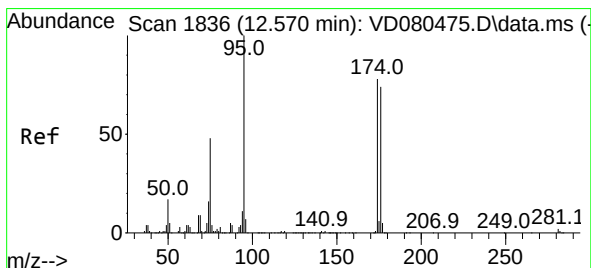
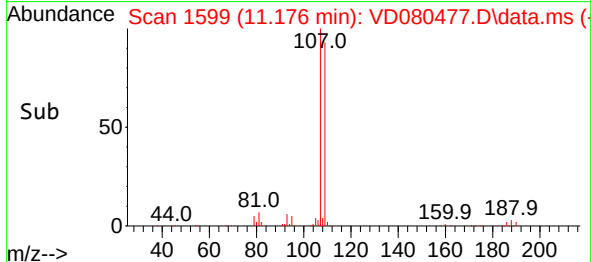
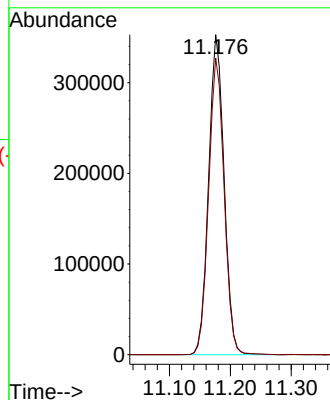
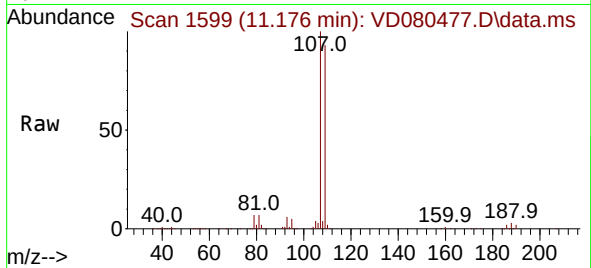




#61
1,2-Dibromoethane
Concen: 151.822 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

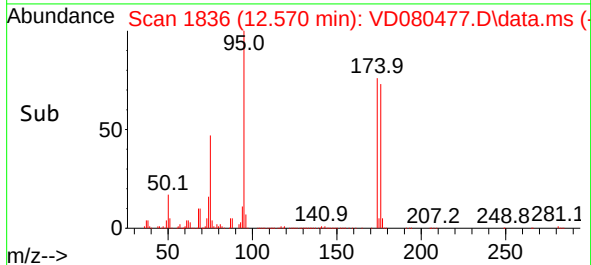
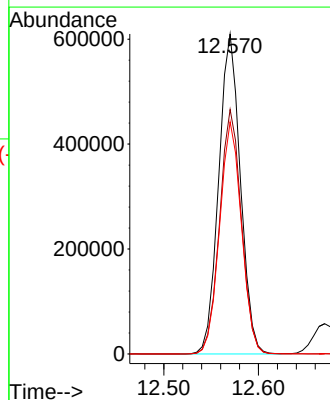
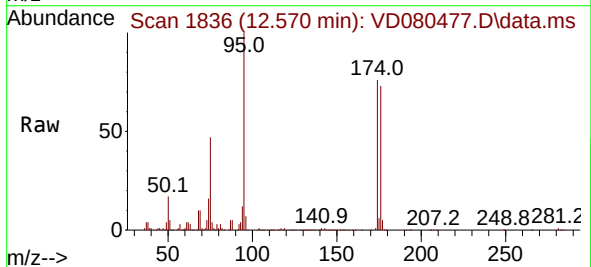
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

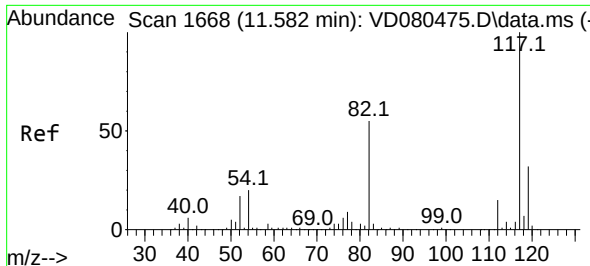
Tgt Ion:107 Resp: 622837
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 150.923 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 95 Resp: 970742
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.0
176 73.1 0.0 149.6

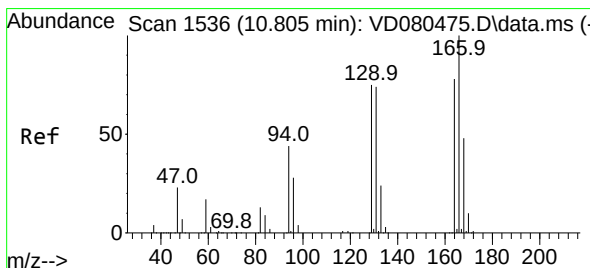
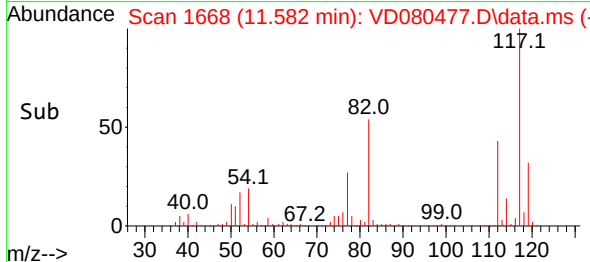
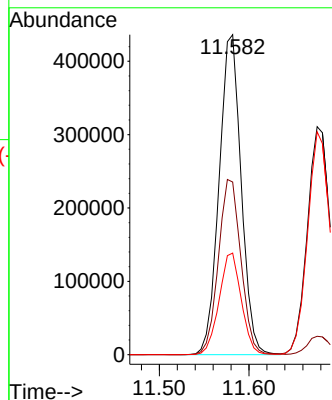
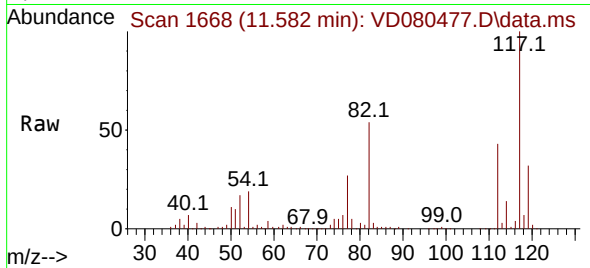




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

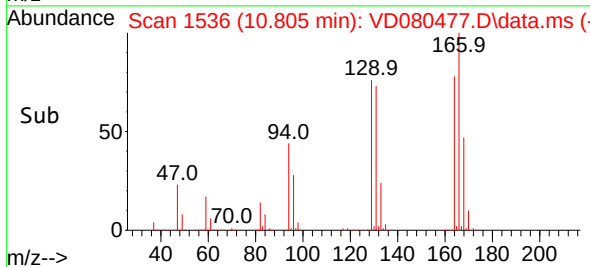
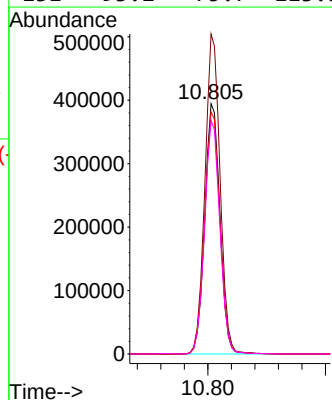
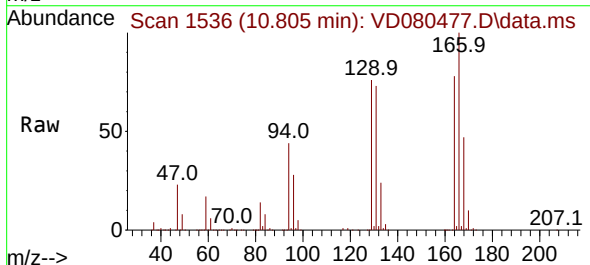
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

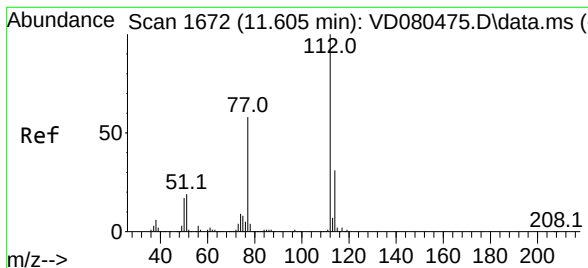
Tgt Ion:117 Resp: 745502
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 153.604 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion:164 Resp: 710729
Ion Ratio Lower Upper
164 100
166 127.9 102.6 153.8
129 96.7 76.6 115.0
131 93.2 75.7 113.5

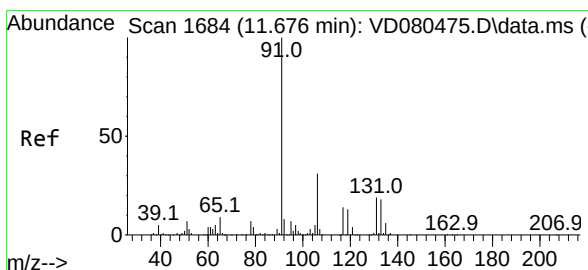
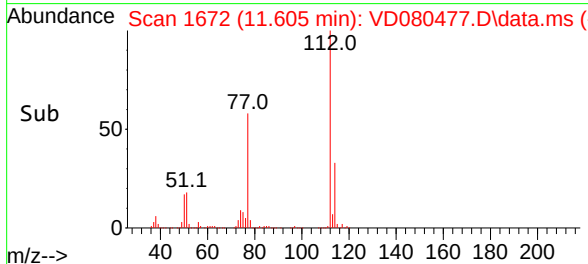
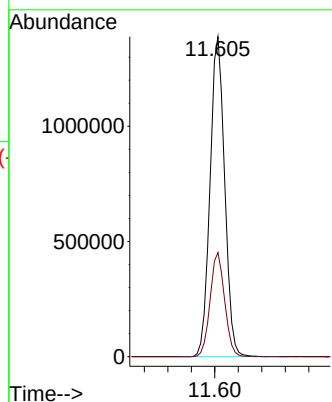
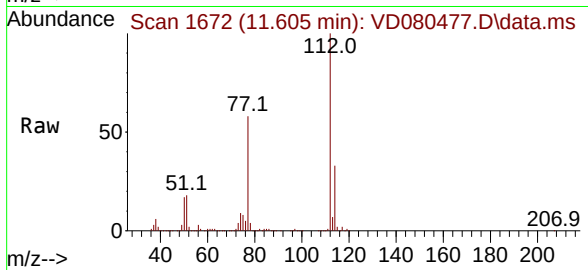




#65
Chlorobenzene
Concen: 149.300 ug/l
RT: 11.605 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

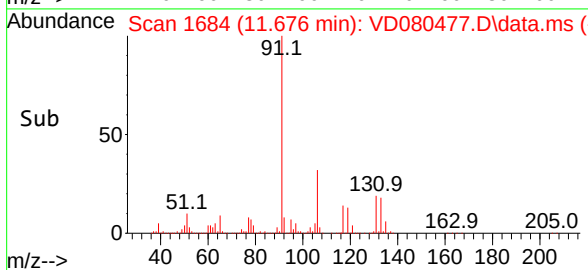
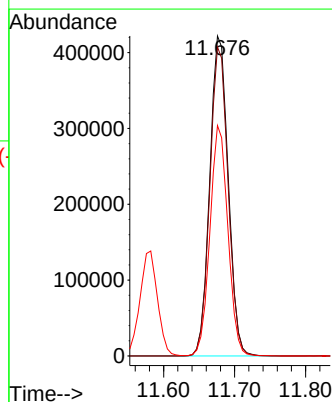
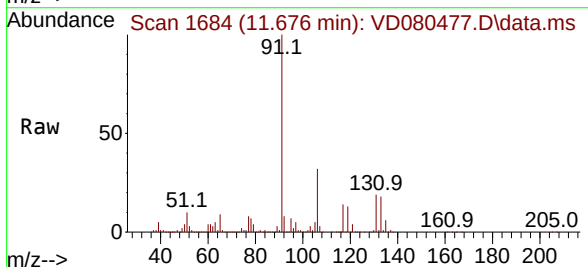
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

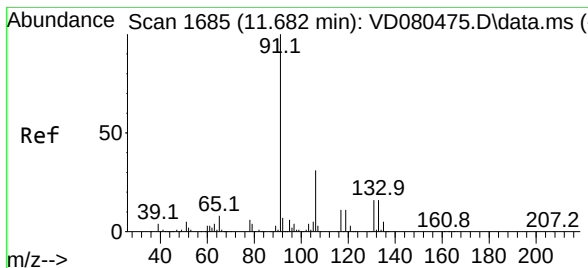
Tgt Ion:112 Resp: 2400539
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 150.559 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion:131 Resp: 760808
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 70.1 34.9 104.7

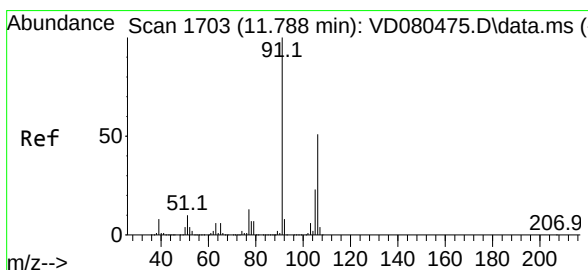
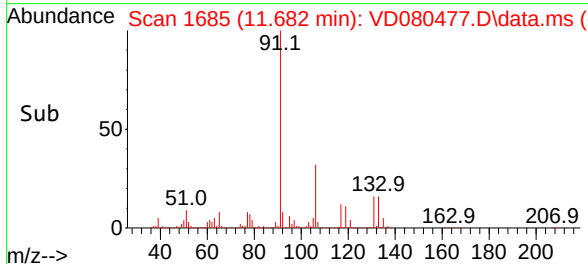
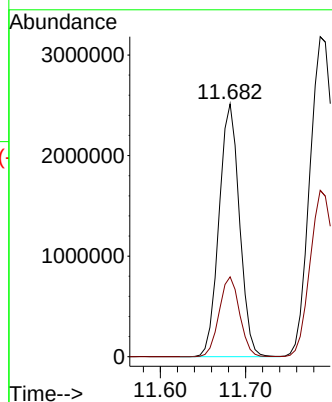
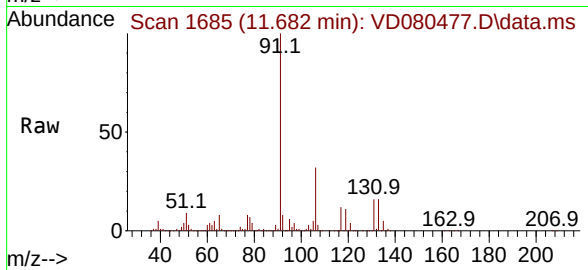




#67
Ethyl Benzene
Concen: 148.996 ug/l
RT: 11.682 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

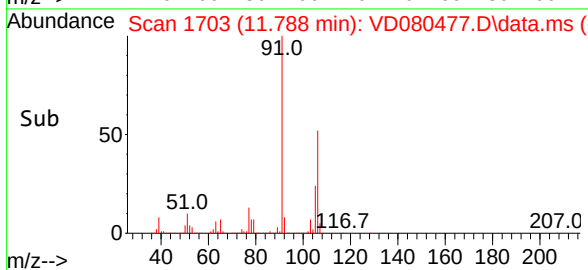
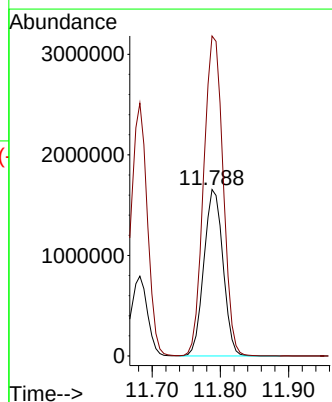
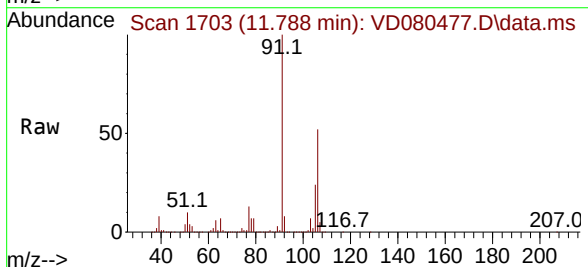
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

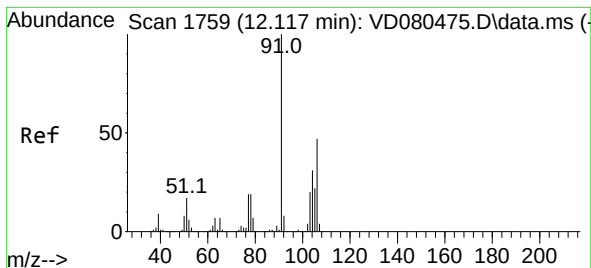
Tgt Ion: 91 Resp: 4190161
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 301.219 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion:106 Resp: 3225724
Ion Ratio Lower Upper
106 100
91 195.6 159.9 239.9

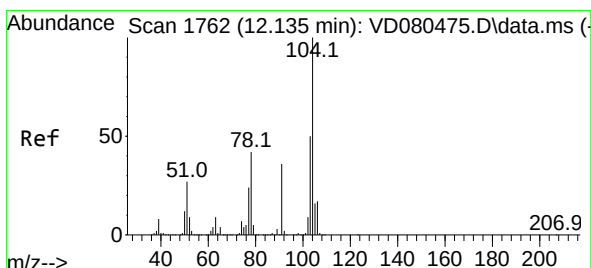
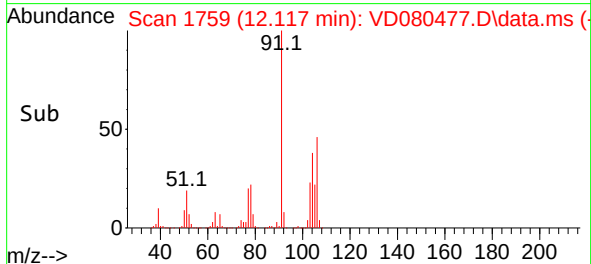
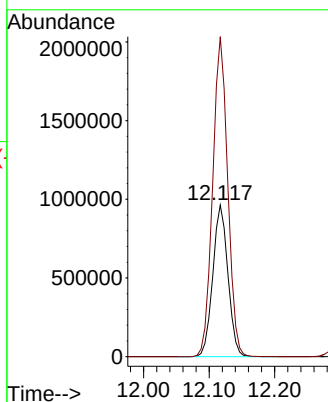
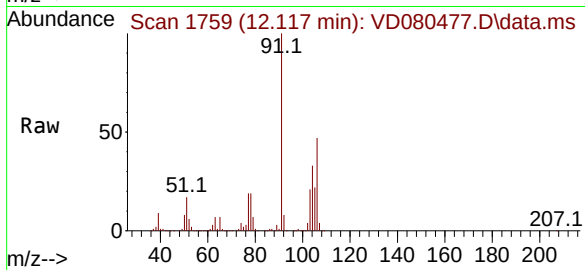




#69
o-Xylene
Concen: 148.732 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

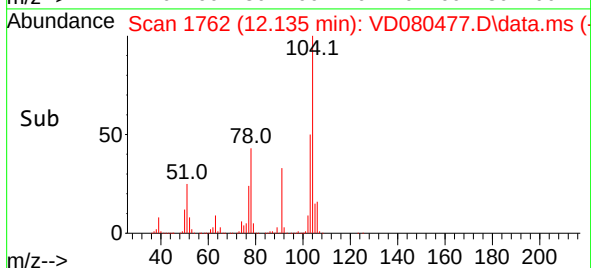
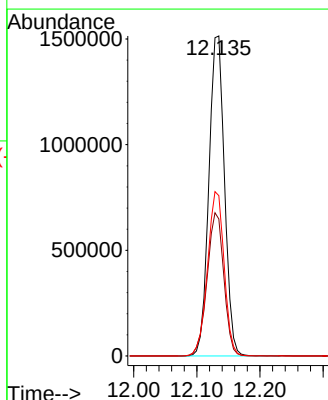
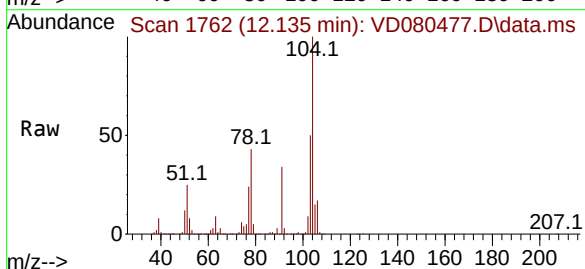
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

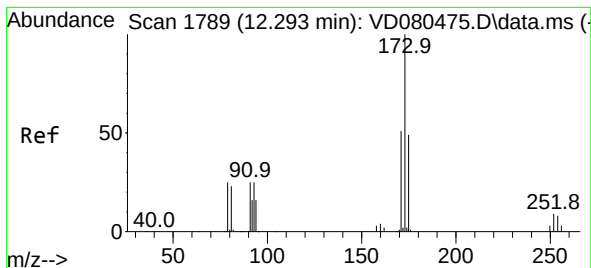
Tgt Ion:106 Resp: 1536976
Ion Ratio Lower Upper
106 100
91 210.4 106.5 319.6



#70
Styrene
Concen: 148.883 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion:104 Resp: 2602353
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 54.8 44.1 66.1





#71

Bromoform

Concen: 148.428 ug/l

RT: 12.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

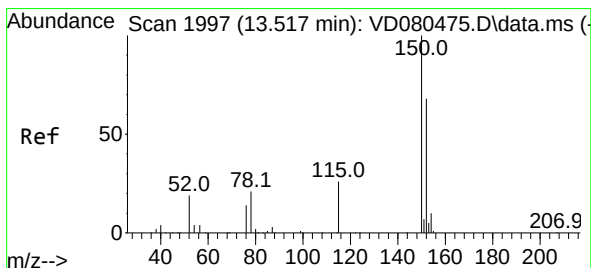
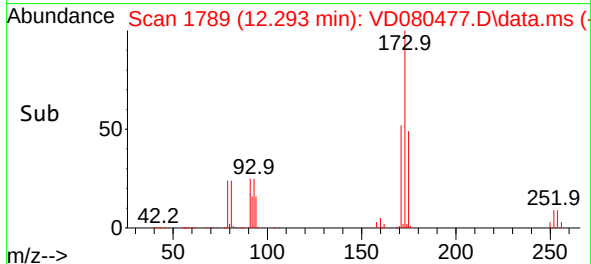
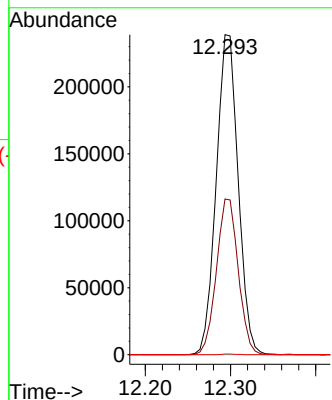
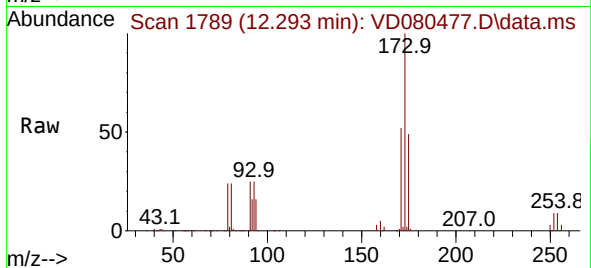
Tgt Ion:173 Resp: 427170

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.511 min Scan# 1996

Delta R.T. -0.006 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

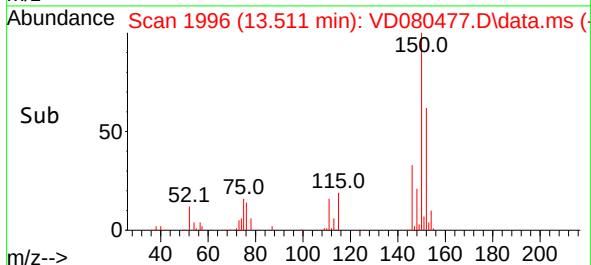
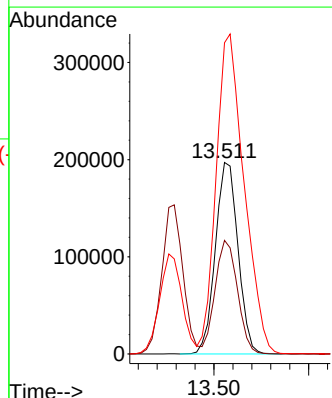
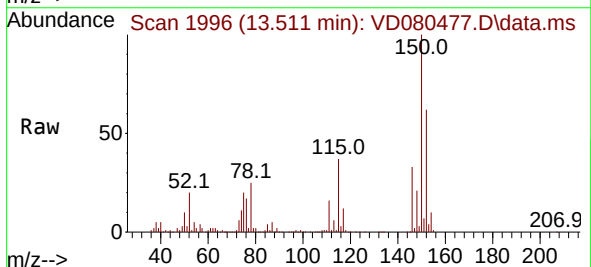
Tgt Ion:152 Resp: 327328

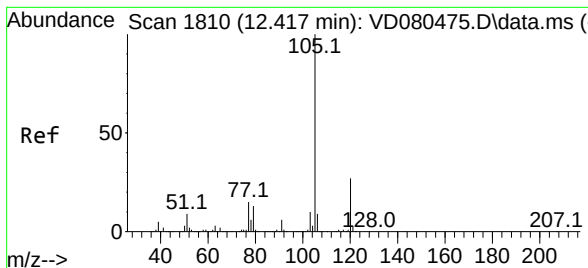
Ion Ratio Lower Upper

152 100

115 58.3 30.2 90.6

150 207.0 0.0 350.2





#73

Isopropylbenzene

Concen: 149.366 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

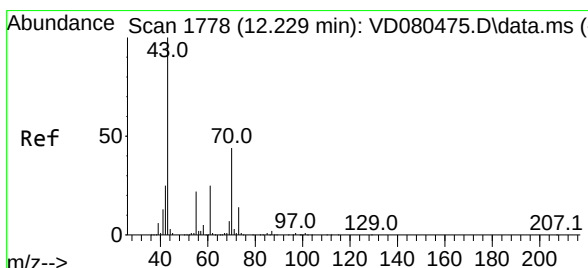
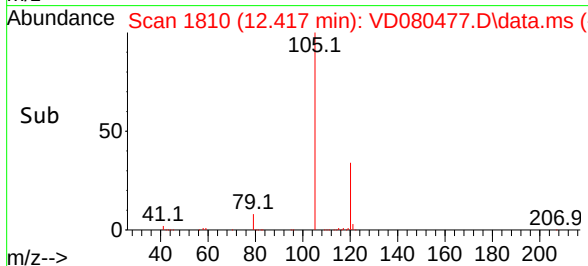
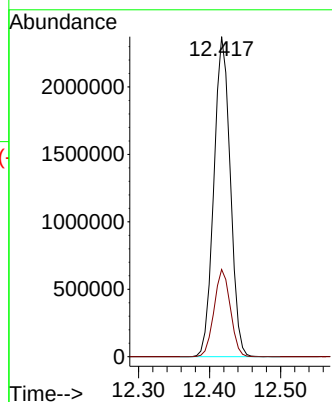
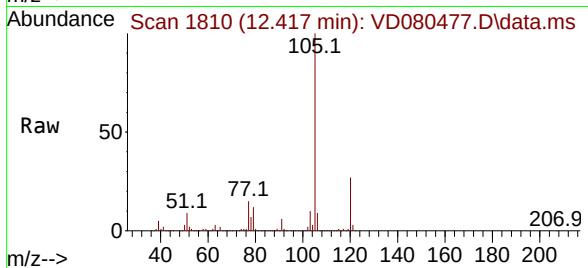
VSTDIC150

Tgt Ion:105 Resp: 3800712

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 150.462 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Tgt Ion: 43 Resp: 1002480

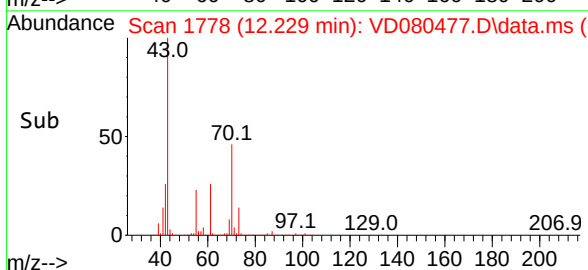
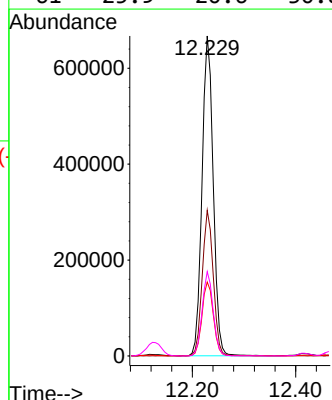
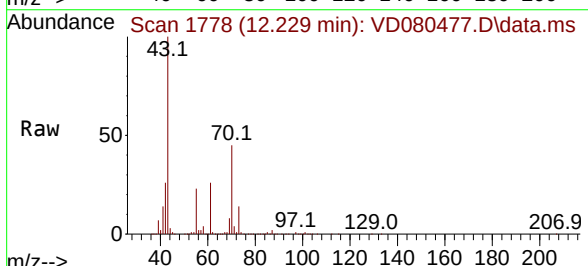
Ion Ratio Lower Upper

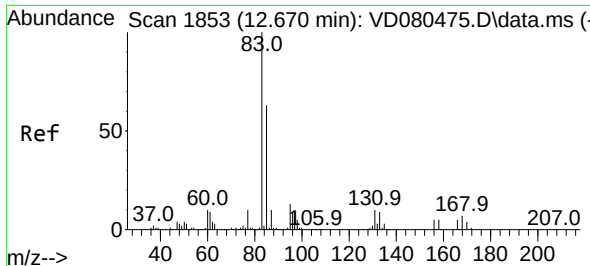
43 100

70 44.8 35.4 53.2

55 23.4 18.8 28.2

61 25.9 20.6 30.8

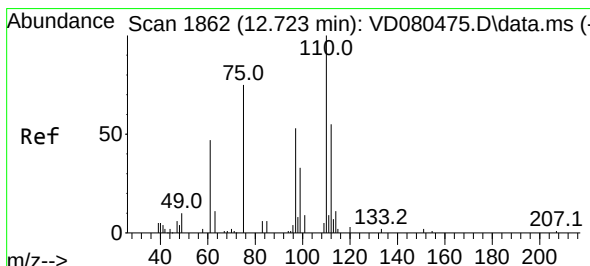
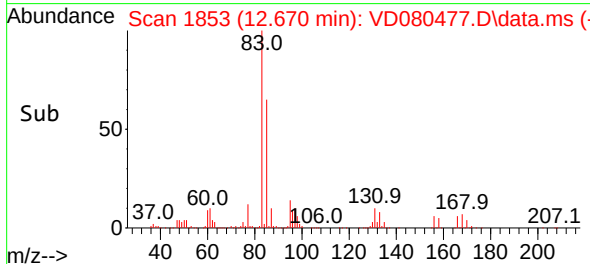
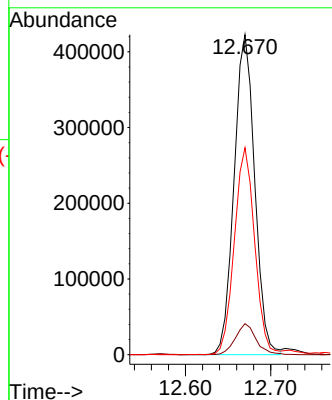
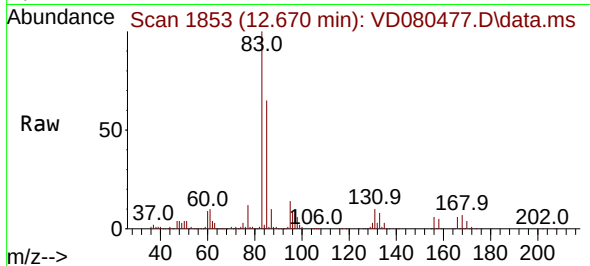




#75
 1,1,2,2-Tetrachloroethane
 Concen: 150.005 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

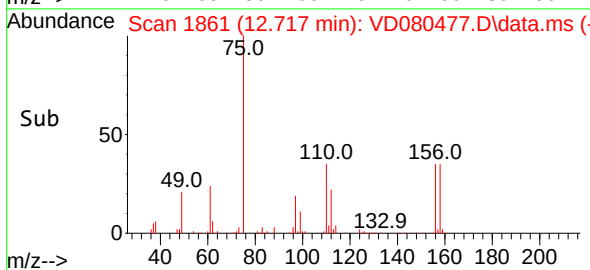
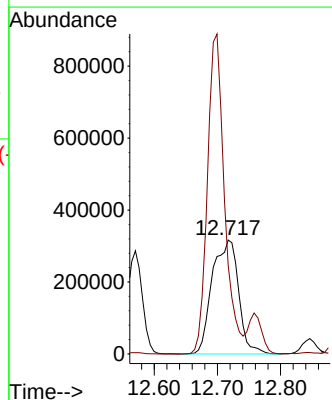
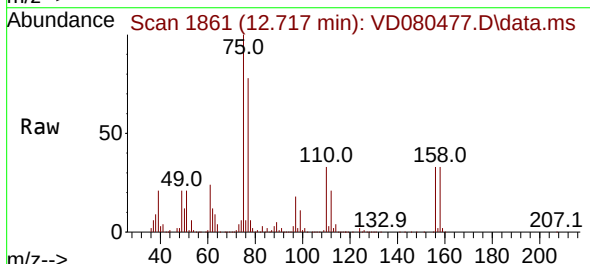
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

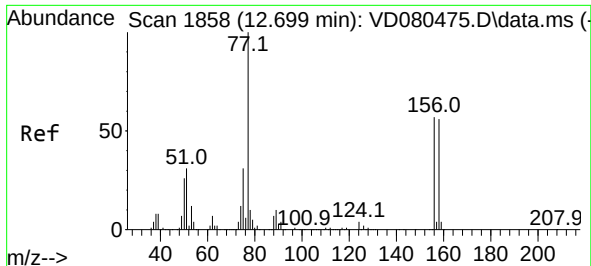
Tgt Ion: 83 Resp: 710743
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.3
 85 63.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 326.100 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

Tgt Ion: 75 Resp: 914472
 Ion Ratio Lower Upper
 75 100
 77 182.6 0.0 0.0#

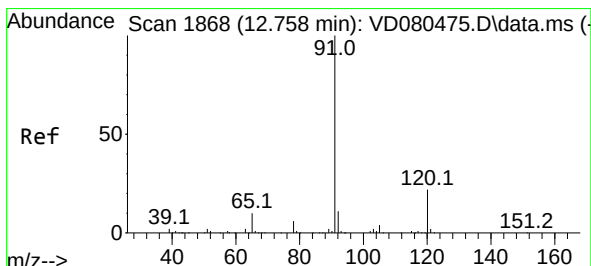
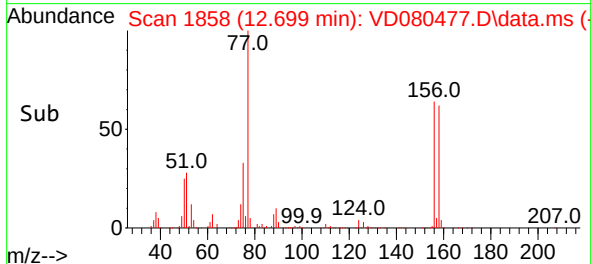
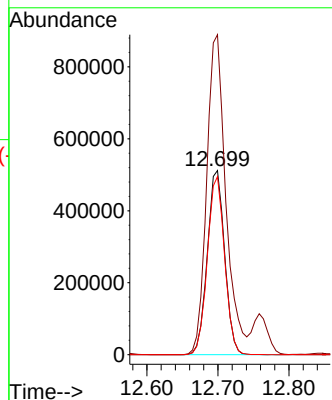
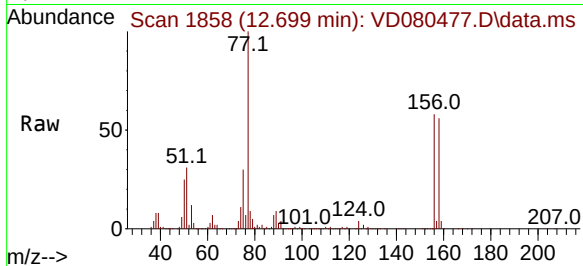




#77
Bromobenzene
Concen: 152.545 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

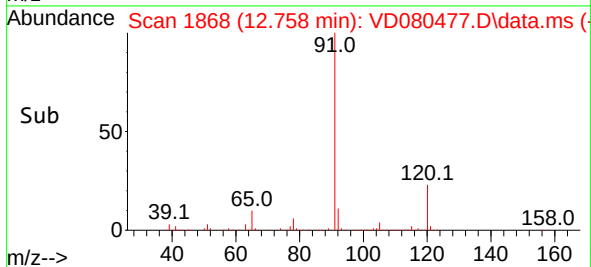
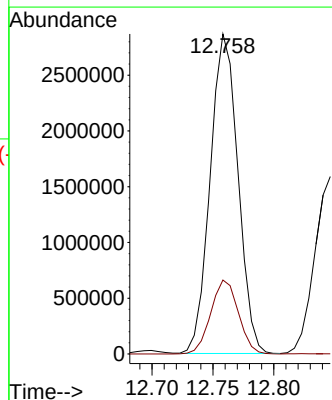
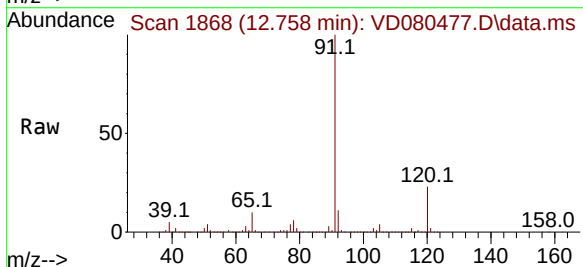
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

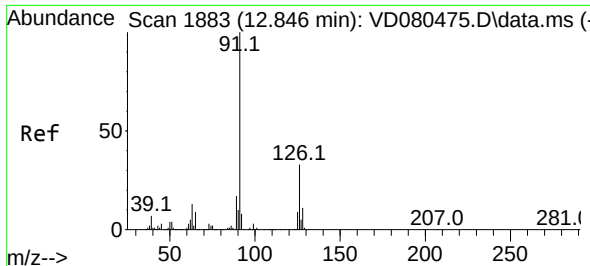
Tgt Ion:156 Resp: 868053
Ion Ratio Lower Upper
156 100
77 192.3 97.3 291.8
158 96.4 48.5 145.6



#78
n-propylbenzene
Concen: 148.443 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 91 Resp: 4546913
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9

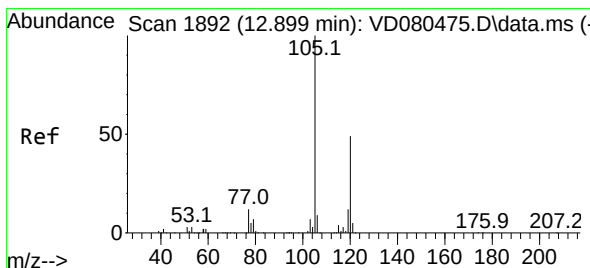
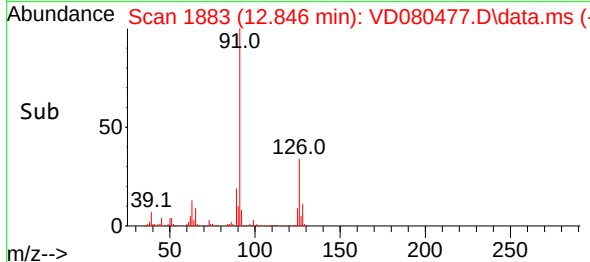
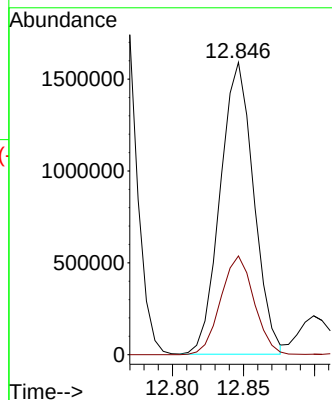
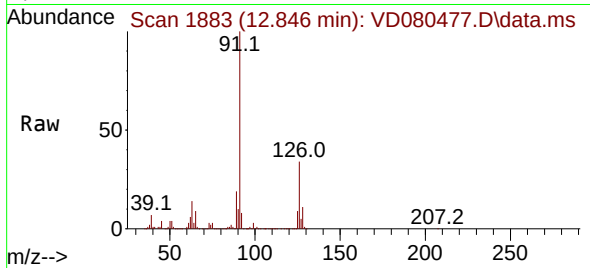




#79
2-Chlorotoluene
Concen: 148.152 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

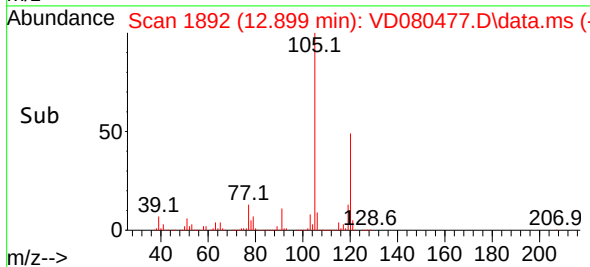
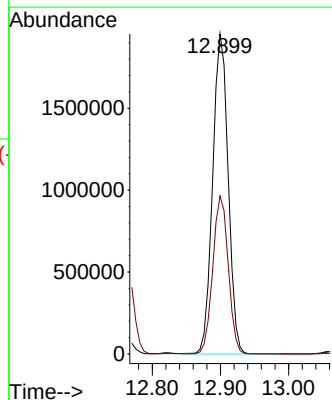
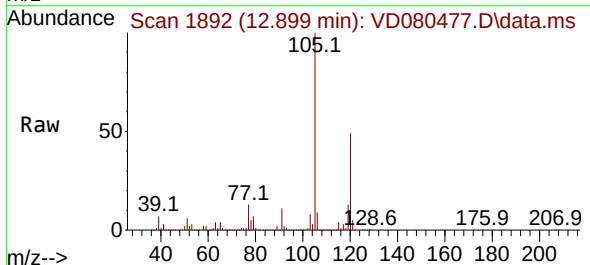
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

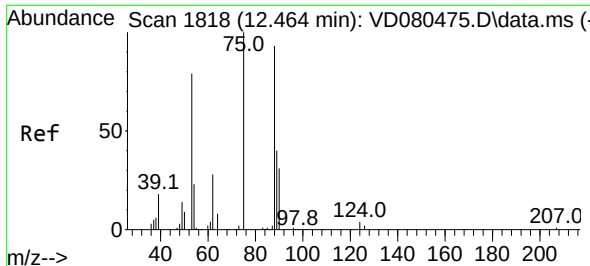
Tgt Ion: 91 Resp: 2609953
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 149.892 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 105 Resp: 3092927
Ion Ratio Lower Upper
105 100
120 49.3 24.5 73.5

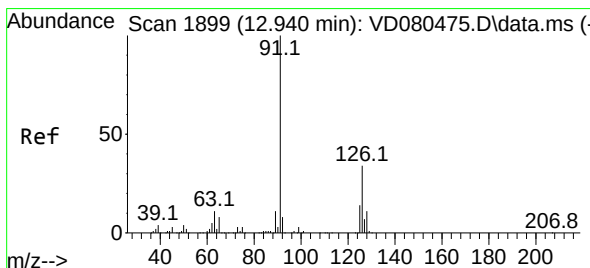
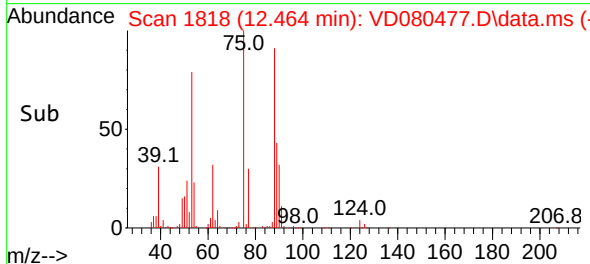
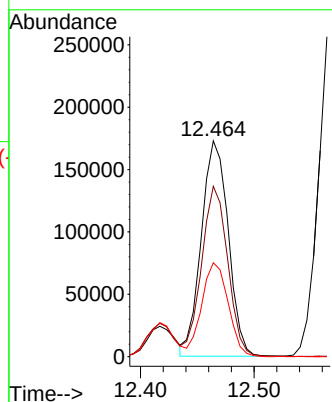
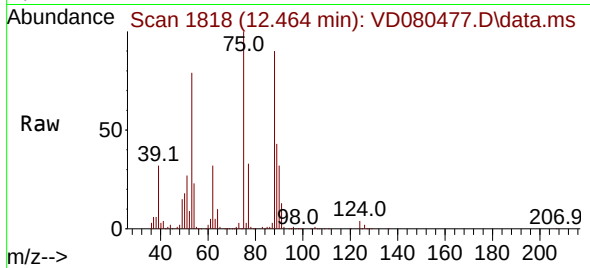




#81
trans-1,4-Dichloro-2-butene
Concen: 151.922 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

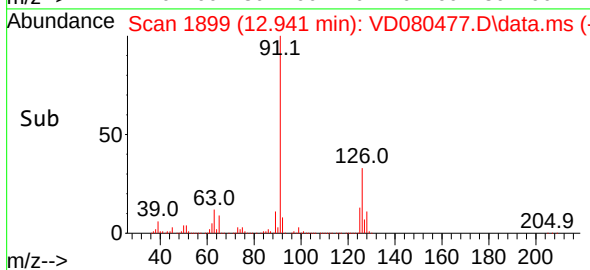
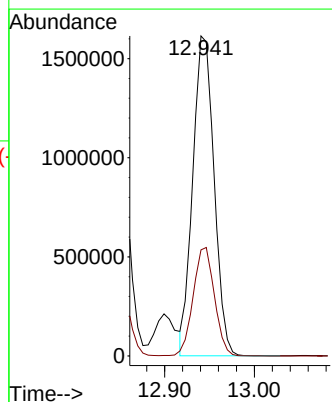
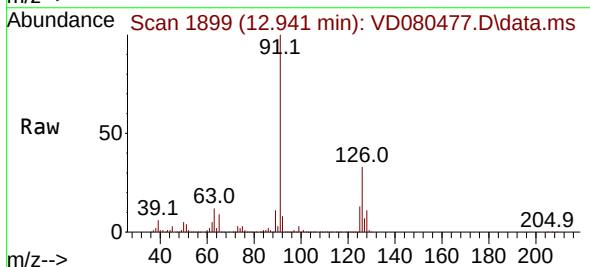
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

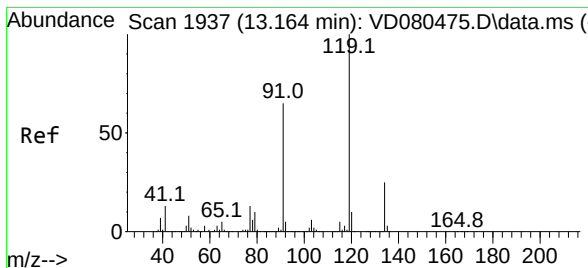
Tgt Ion: 75 Resp: 284471
Ion Ratio Lower Upper
75 100
53 77.4 61.5 92.3
89 42.6 33.0 49.6



#82
4-Chlorotoluene
Concen: 146.874 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 91 Resp: 2657669
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 149.124 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

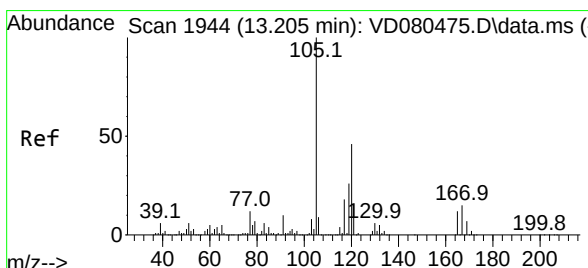
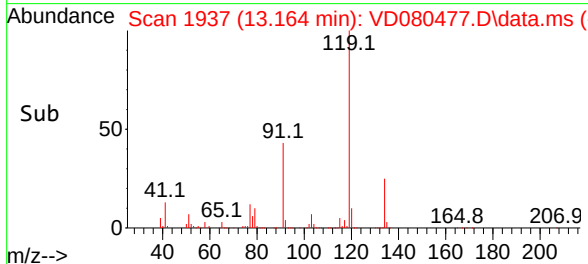
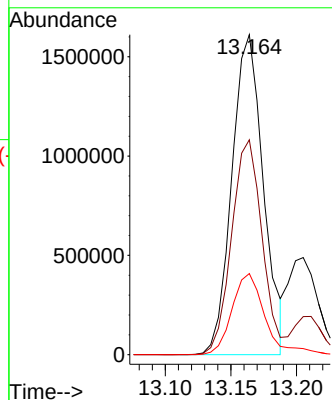
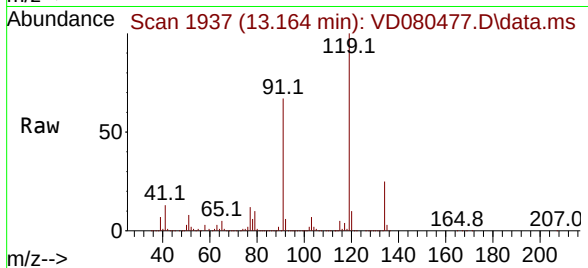
Tgt Ion:119 Resp: 2691380

Ion Ratio Lower Upper

119 100

91 64.7 32.4 97.2

134 26.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 149.922 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VD080477.D

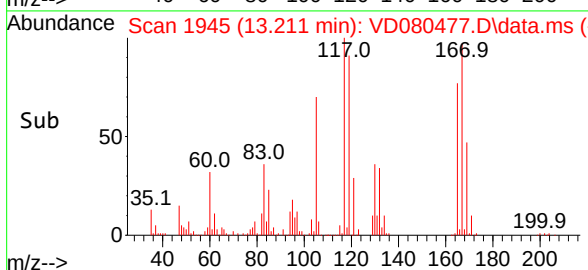
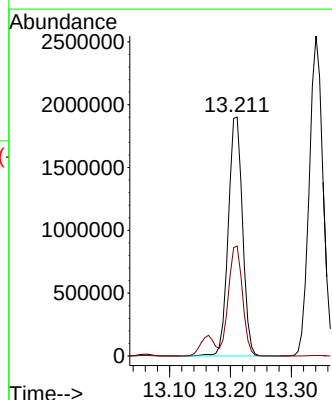
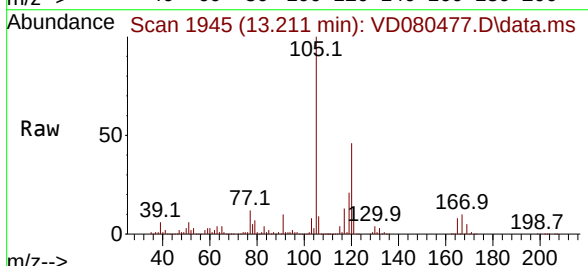
Acq: 26 Jun 2025 12:13

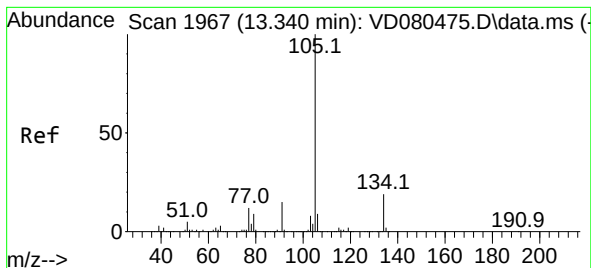
Tgt Ion:105 Resp: 3088455

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 149.319 ug/l

RT: 13.340 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

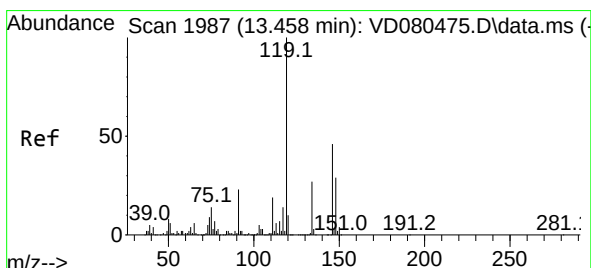
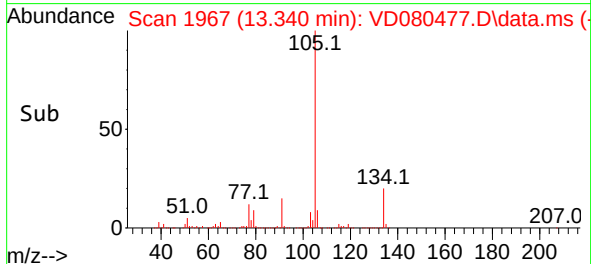
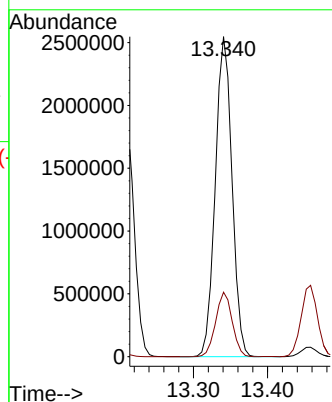
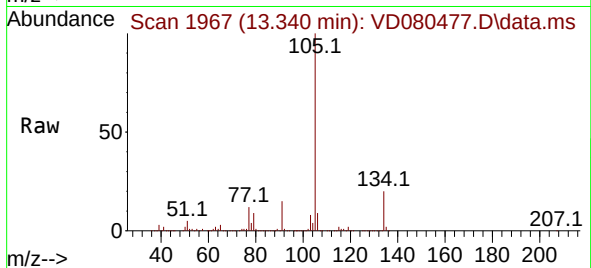
VSTDIC150

Tgt Ion:105 Resp: 3980419

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 149.600 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

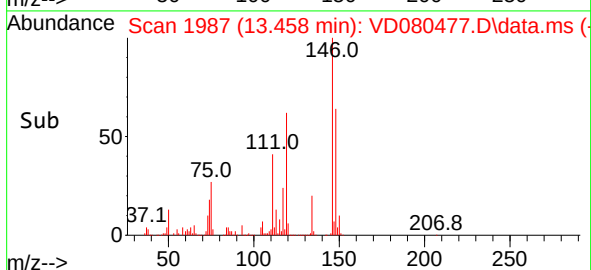
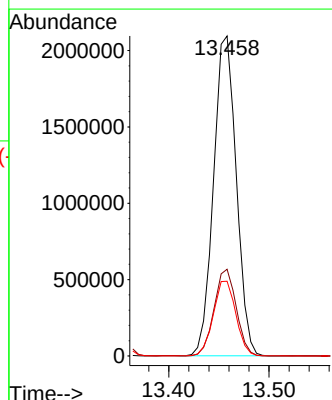
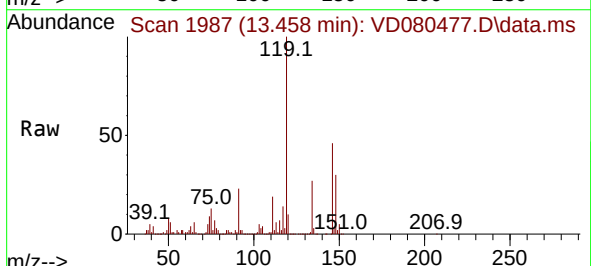
Tgt Ion:119 Resp: 3300155

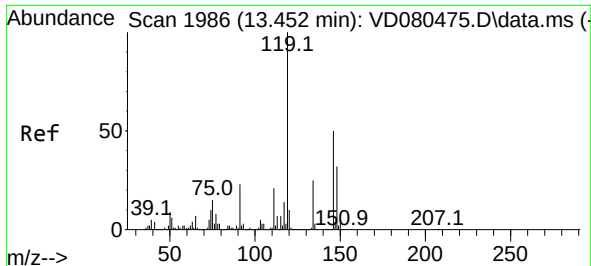
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 23.4 11.5 34.5

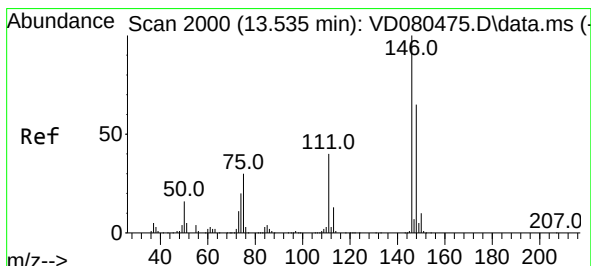
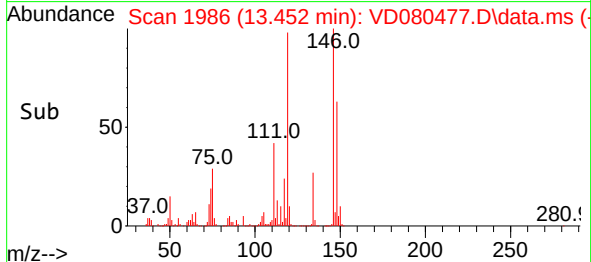
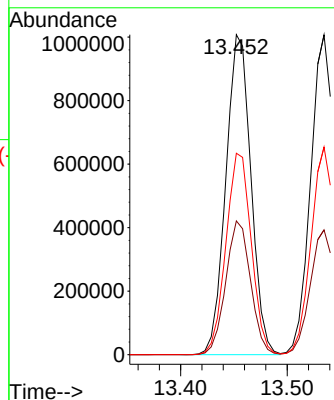
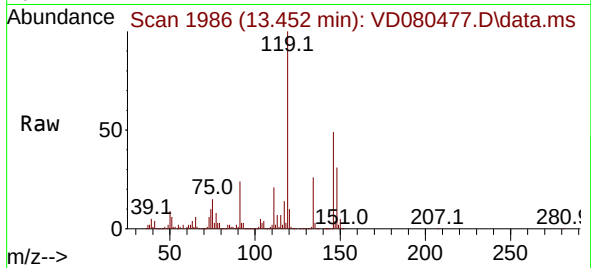




#87
 1,3-Dichlorobenzene
 Concen: 150.012 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

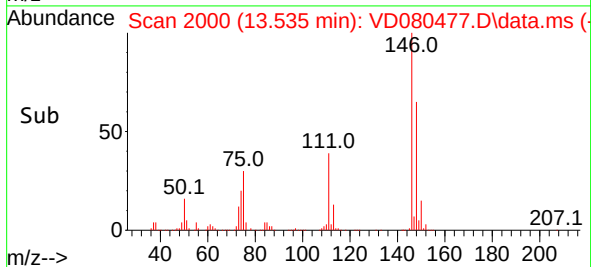
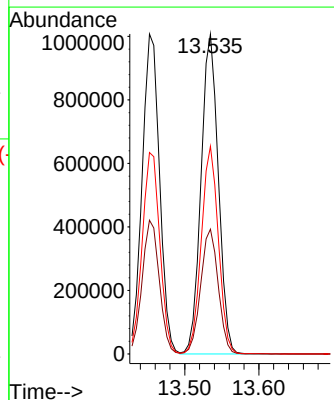
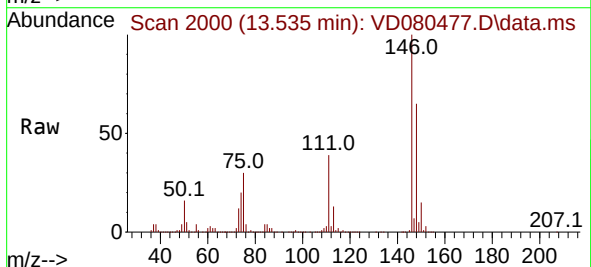
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

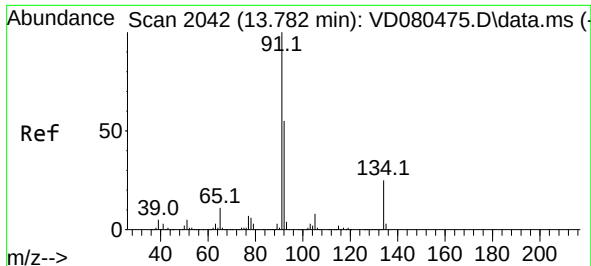
Tgt Ion:146 Resp: 1650959
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.8
 148 63.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 148.585 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

Tgt Ion:146 Resp: 1632247
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 60.0
 148 64.1 32.1 96.3

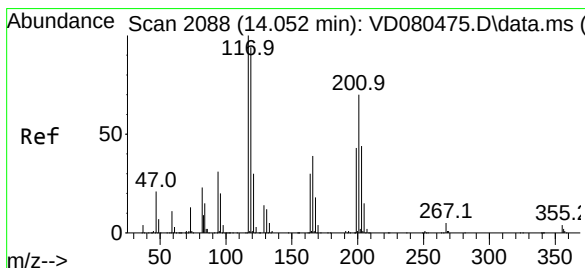
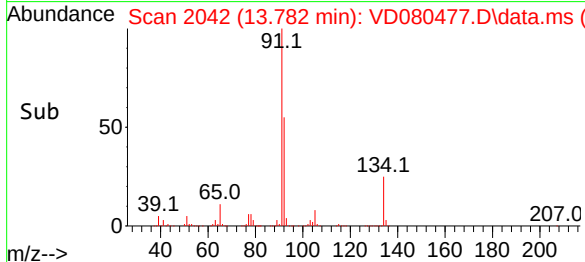
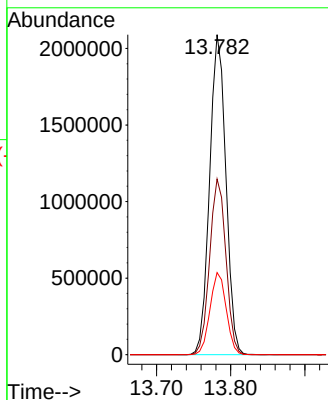
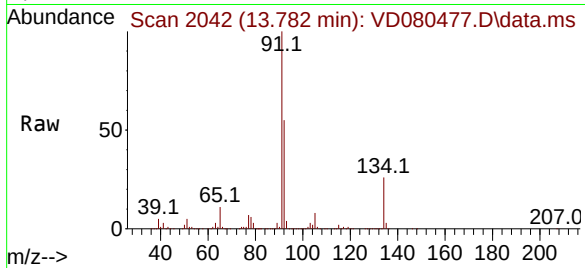




#89
n-Butylbenzene
Concen: 150.291 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

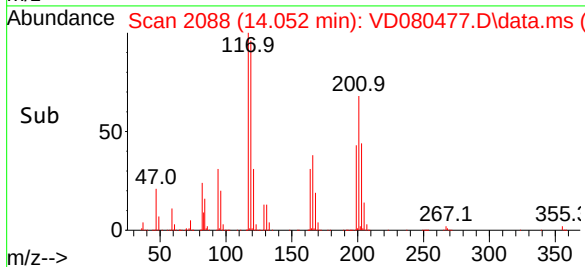
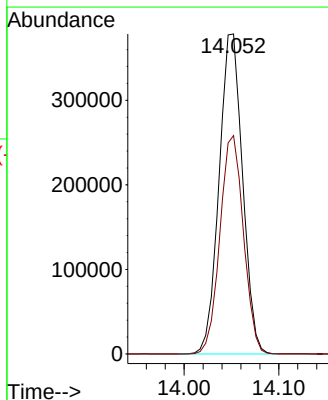
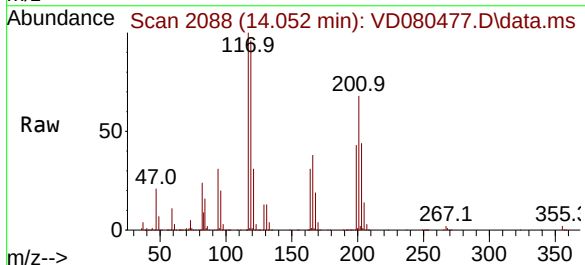
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

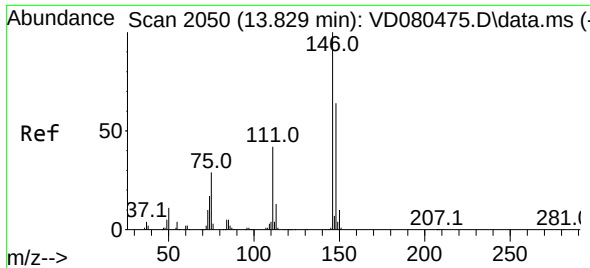
Tgt Ion: 91 Resp: 3181984
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.0
134 25.6 12.6 37.8



#90
Hexachloroethane
Concen: 153.288 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion: 117 Resp: 653329
Ion Ratio Lower Upper
117 100
201 68.2 34.2 102.5

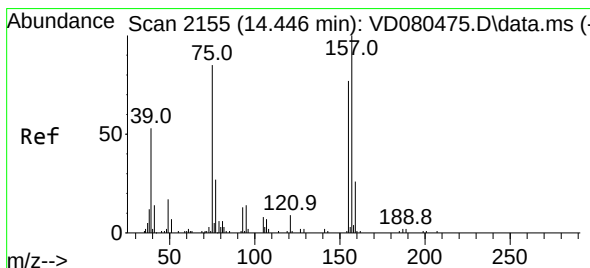
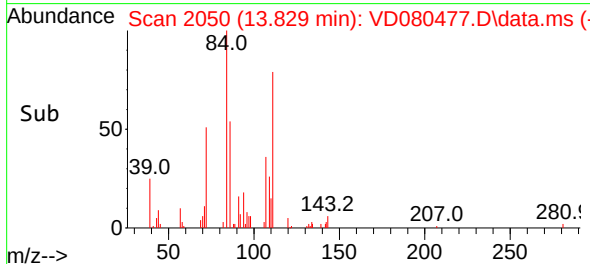
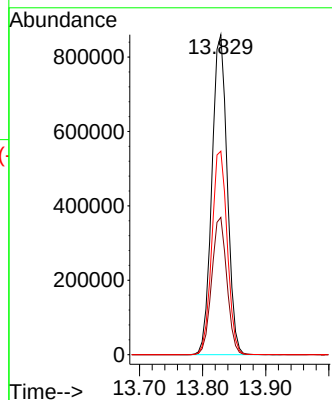
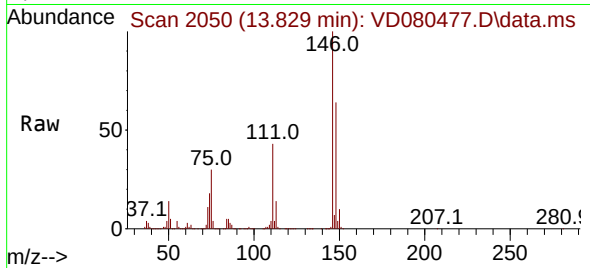




#91
 1,2-Dichlorobenzene
 Concen: 149.175 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

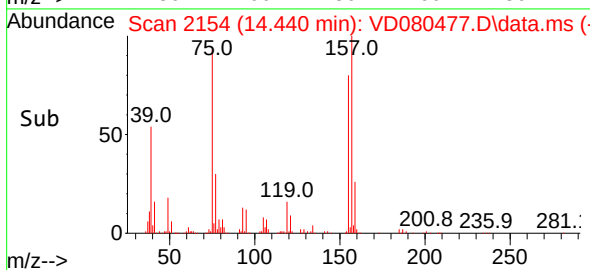
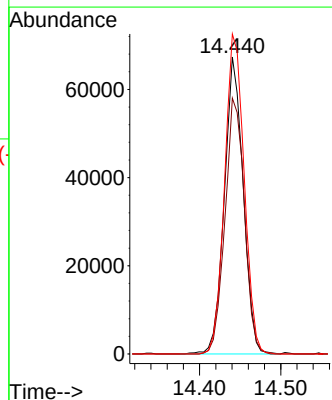
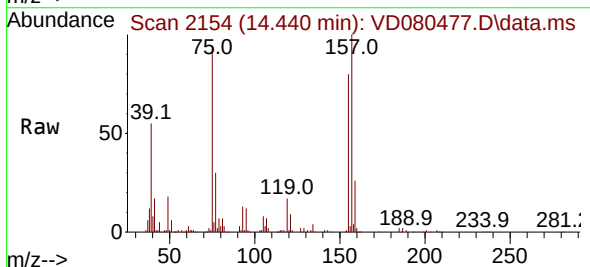
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

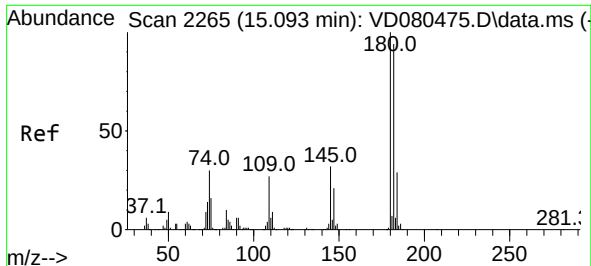
Tgt Ion:146 Resp: 1445094
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.7
 148 64.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 152.504 ug/l
 RT: 14.440 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: VD080477.D
 Acq: 26 Jun 2025 12:13

Tgt Ion: 75 Resp: 108981
 Ion Ratio Lower Upper
 75 100
 155 88.3 45.6 136.8
 157 111.2 58.6 175.8

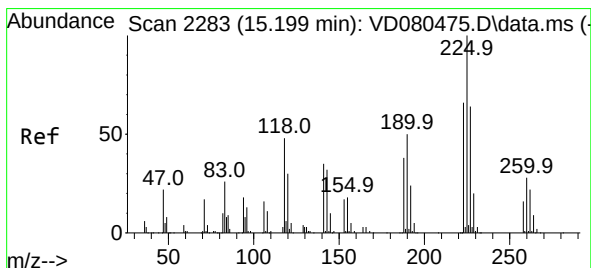
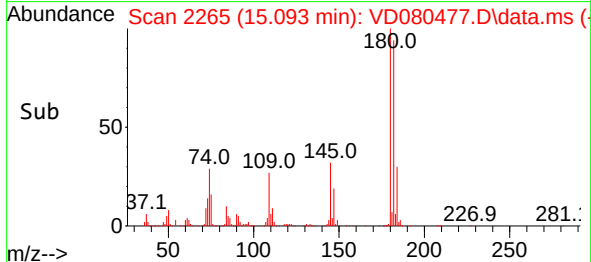
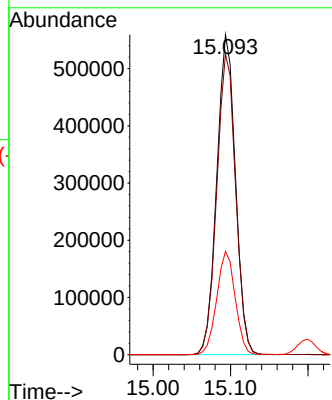
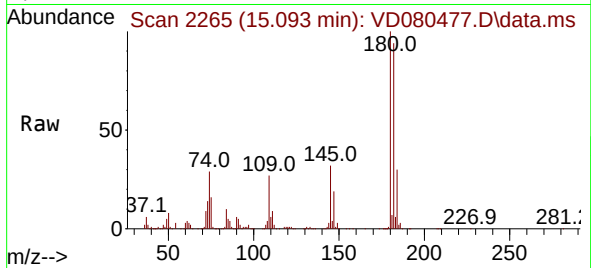




#93
1,2,4-Trichlorobenzene
Concen: 154.432 ug/l
RT: 15.093 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

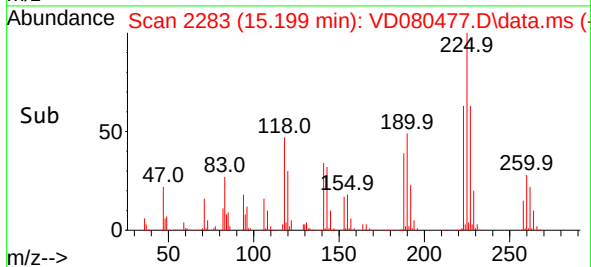
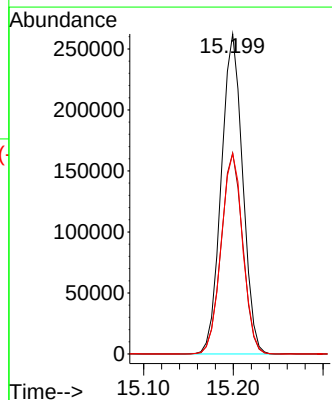
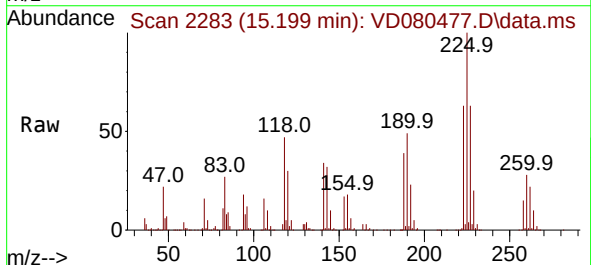
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

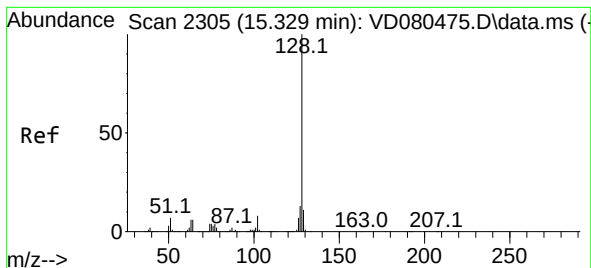
Tgt Ion:180 Resp: 937368
Ion Ratio Lower Upper
180 100
182 94.8 46.8 140.4
145 32.0 16.0 47.9



#94
Hexachlorobutadiene
Concen: 154.773 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VD080477.D
Acq: 26 Jun 2025 12:13

Tgt Ion:225 Resp: 433674
Ion Ratio Lower Upper
225 100
223 63.0 31.4 94.2
227 63.1 31.8 95.3





#95

Naphthalene

Concen: 155.703 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

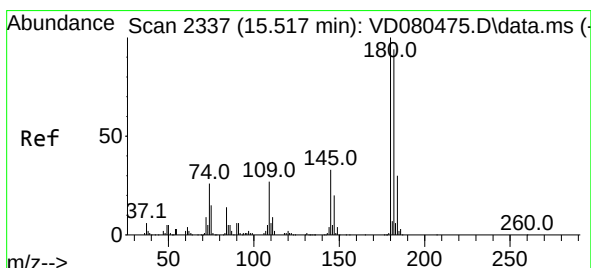
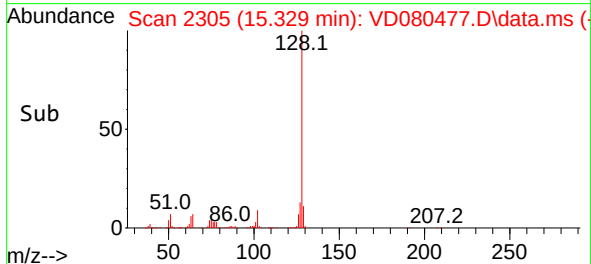
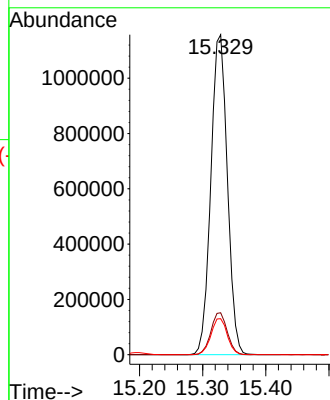
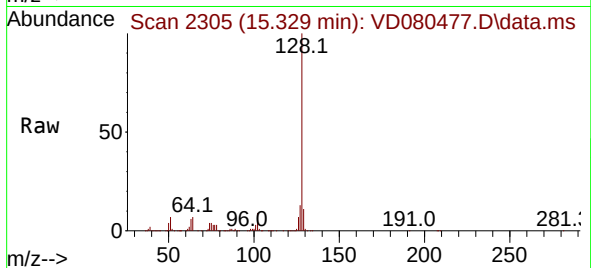
Tgt Ion:128 Resp: 2099971

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 157.759 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080477.D

Acq: 26 Jun 2025 12:13

Tgt Ion:180 Resp: 823355

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 33.9 16.7 50.1

