

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080476.D
 Acq On : 26 Jun 2025 11:47
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 27 05:01:26 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	476606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	886509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	753704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	332568	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	495248	105.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 211.980%#	
35) Dibromofluoromethane	7.806	113	519449	104.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 209.280%#	
50) Toluene-d8	10.270	98	2080844	103.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 207.520%#	
62) 4-Bromofluorobenzene	12.570	95	657307	99.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 199.920%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	417400	98.512	ug/l	100
3) Chloromethane	2.147	50	586958	99.192	ug/l	98
4) Vinyl Chloride	2.288	62	622844	103.759	ug/l	99
5) Bromomethane	2.688	94	334406	100.794	ug/l	100
6) Chloroethane	2.835	64	382717	101.574	ug/l	98
7) Trichlorofluoromethane	3.176	101	771272	102.135	ug/l	100
8) Diethyl Ether	3.594	74	305750	104.014	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.965	101	507412	101.573	ug/l	99
10) Methyl Iodide	4.165	142	675275	114.787	ug/l	99
11) Tert butyl alcohol	5.053	59	195847	514.793	ug/l	99
12) 1,1-Dichloroethene	3.941	96	552313	102.395	ug/l	93
13) Acrolein	3.794	56	258059	497.762	ug/l	98
14) Allyl chloride	4.559	41	972311	102.947	ug/l	99
15) Acrylonitrile	5.247	53	722496	516.594	ug/l	99
16) Acetone	4.018	43	538505	446.070	ug/l	98
17) Carbon Disulfide	4.270	76	1821909	106.957	ug/l	99
18) Methyl Acetate	4.559	43	408403	111.219	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	1387433	103.501	ug/l	99
20) Methylene Chloride	4.806	84	651009	100.804	ug/l	99
21) trans-1,2-Dichloroethene	5.312	96	618088	102.733	ug/l	97
22) Diisopropyl ether	6.217	45	1856400	101.797	ug/l	99
23) Vinyl Acetate	6.153	43	5311943	511.194	ug/l	99
24) 1,1-Dichloroethane	6.112	63	1088730	101.747	ug/l	98
25) 2-Butanone	7.076	43	864152	487.705	ug/l	99
26) 2,2-Dichloropropane	7.076	77	845300	99.825	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	741173	103.048	ug/l	99
28) Bromochloromethane	7.429	49	420680	99.722	ug/l	99
29) Tetrahydrofuran	7.441	42	577601	517.433	ug/l	99
30) Chloroform	7.594	83	1048607	102.374	ug/l	100
31) Cyclohexane	7.876	56	1014260	97.822	ug/l	95
32) 1,1,1-Trichloroethane	7.794	97	878316	102.560	ug/l	99
36) 1,1-Dichloropropene	8.006	75	779678	100.566	ug/l	99
37) Ethyl Acetate	7.164	43	372147	99.082	ug/l	99
38) Carbon Tetrachloride	7.994	117	742921	100.296	ug/l	98
39) Methylcyclohexane	9.270	83	1063715	99.654	ug/l	98
40) Benzene	8.253	78	2499477	100.448	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	242371	100.640	ug/l	98
42) 1,2-Dichloroethane	8.323	62	586879	100.257	ug/l	99
43) Isopropyl Acetate	8.358	43	755658	101.899	ug/l	99
44) Trichloroethene	9.029	130	607400	100.721	ug/l	98
45) 1,2-Dichloropropane	9.305	63	610447	101.154	ug/l	97
46) Dibromomethane	9.394	93	324972	100.997	ug/l	99
47) Bromodichloromethane	9.582	83	803984	100.788	ug/l	99
48) Methyl methacrylate	9.376	41	383434	102.211	ug/l	98
49) 1,4-Dioxane	9.382	88	83456	1999.359	ug/l	98
51) 4-Methyl-2-Pentanone	10.158	43	1905991	506.131	ug/l	100
52) Toluene	10.335	92	1557947	100.173	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	814921	101.998	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	976056	101.691	ug/l	100
55) 1,1,2-Trichloroethane	10.729	97	435406	99.266	ug/l	97
56) Ethyl methacrylate	10.594	69	634186	101.293	ug/l	99
57) 1,3-Dichloropropane	10.876	76	773300	100.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	1186815	496.334	ug/l	99
59) 2-Hexanone	10.917	43	1306633	490.250	ug/l	100
60) Dibromochloromethane	11.070	129	542702	100.244	ug/l	99
61) 1,2-Dibromoethane	11.176	107	424713	101.268	ug/l	100
64) Tetrachloroethene	10.805	164	478765	102.345	ug/l	98
65) Chlorobenzene	11.605	112	1636326	100.662	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.676	131	520687	101.919	ug/l	99
67) Ethyl Benzene	11.682	91	2877559	101.209	ug/l	98
68) m/p-Xylenes	11.788	106	2192278	202.488	ug/l	99
69) o-Xylene	12.117	106	1057845	101.253	ug/l	97
70) Styrene	12.135	104	1781417	100.807	ug/l	99
71) Bromoform	12.294	173	294157	101.098	ug/l #	100
73) Isopropylbenzene	12.417	105	2612764	101.063	ug/l	100
74) N-amyl acetate	12.229	43	682810	100.868	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	489059	101.592	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	633334	222.288	ug/l #	100
77) Bromobenzene	12.699	156	592083	102.409	ug/l	99
78) n-propylbenzene	12.758	91	3140526	100.913	ug/l	100
79) 2-Chlorotoluene	12.846	91	1815605	101.438	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	2124650	101.344	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	194848	102.419	ug/l	98
82) 4-Chlorotoluene	12.941	91	1849585	100.606	ug/l	99
83) tert-Butylbenzene	13.164	119	1849894	100.884	ug/l	99
84) 1,2,4-Trimethylbenzene	13.205	105	2102190	100.438	ug/l	100
85) sec-Butylbenzene	13.341	105	2728150	100.730	ug/l	100
86) p-Isopropyltoluene	13.458	119	2228825	99.443	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	1123591	100.485	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	1120455	100.389	ug/l	99
89) n-Butylbenzene	13.782	91	2157745	100.309	ug/l	100
90) Hexachloroethane	14.046	117	436610	100.826	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	990885	100.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	73742	101.566	ug/l	96
93) 1,2,4-Trichlorobenzene	15.093	180	630872	102.299	ug/l	99
94) Hexachlorobutadiene	15.199	225	289838	101.810	ug/l	99
95) Naphthalene	15.329	128	1402444	102.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	546082	102.984	ug/l	100

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ClientSampleId :
VSTDICC100

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

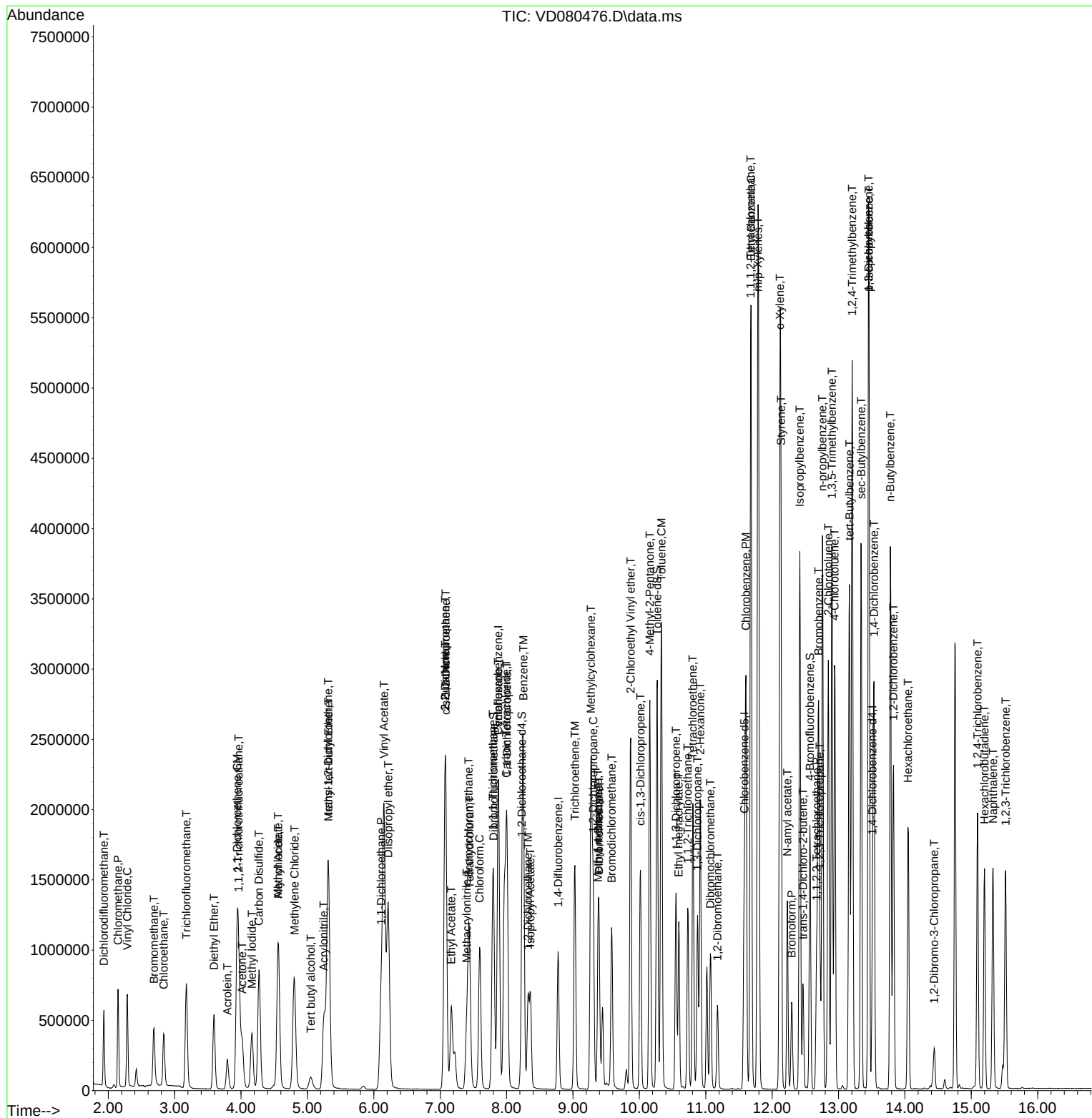
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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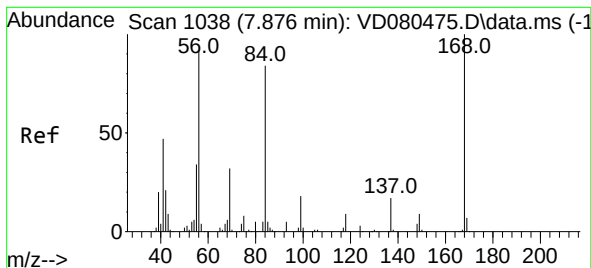
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 Sample : VSTDIC100
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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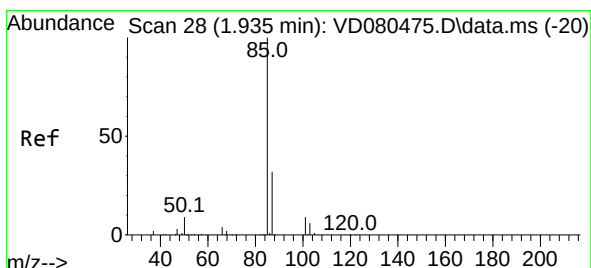
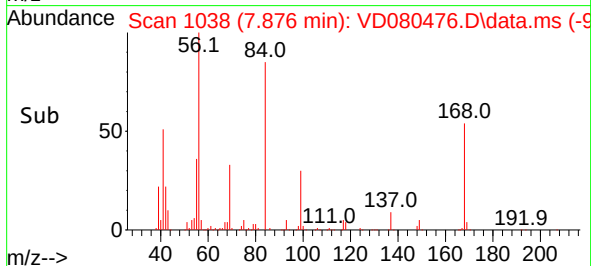
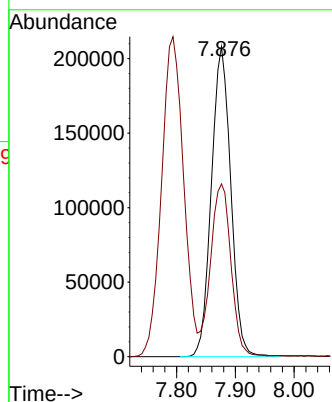
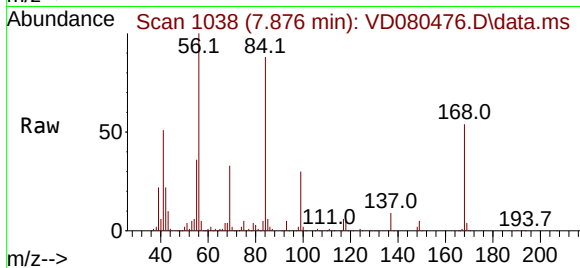




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080476.D
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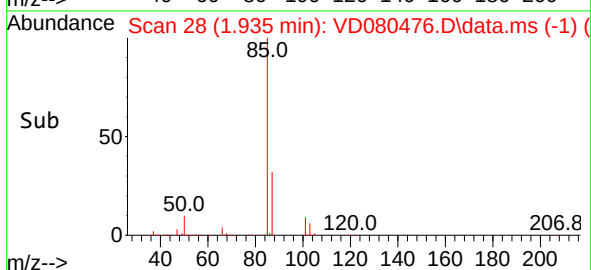
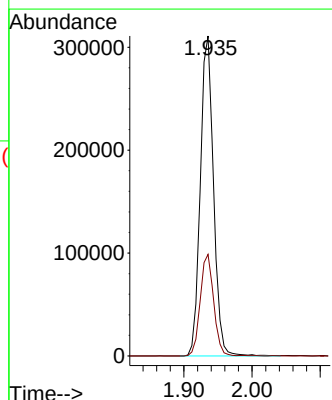
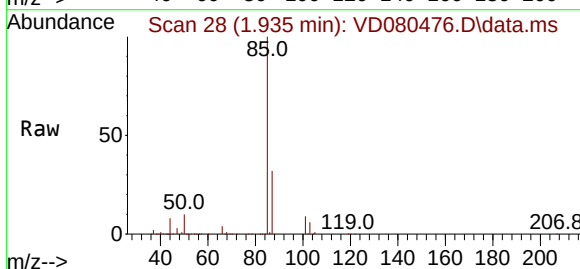
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

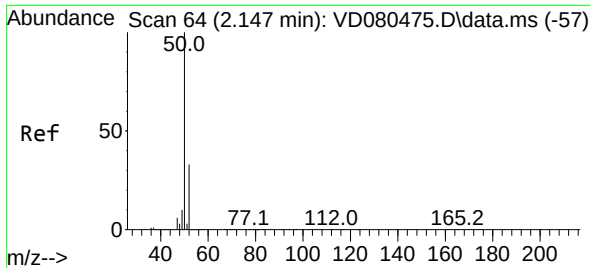
Tgt Ion:168 Resp: 476606
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 98.512 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 85 Resp: 417400
Ion Ratio Lower Upper
85 100
87 31.8 16.0 47.9

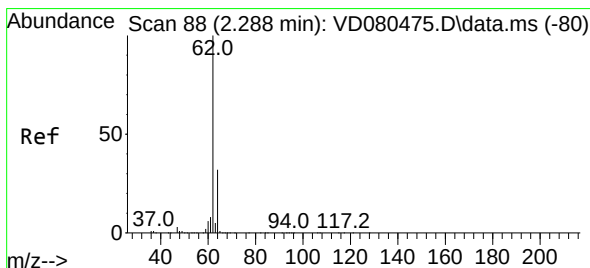
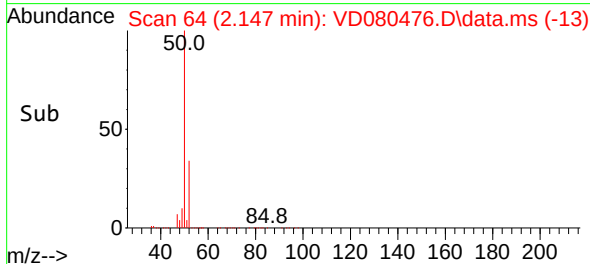
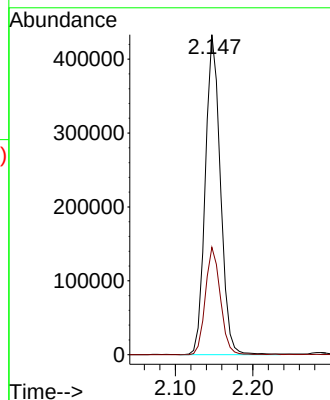
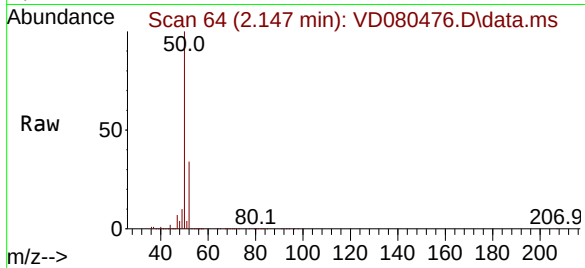




#3
Chloromethane
Concen: 99.192 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

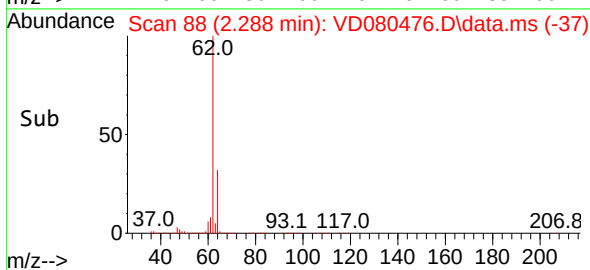
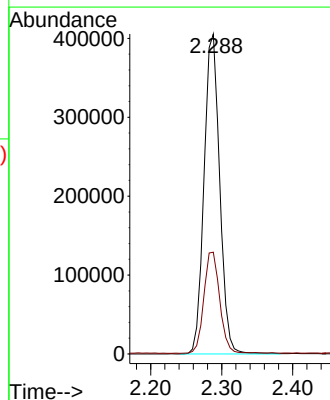
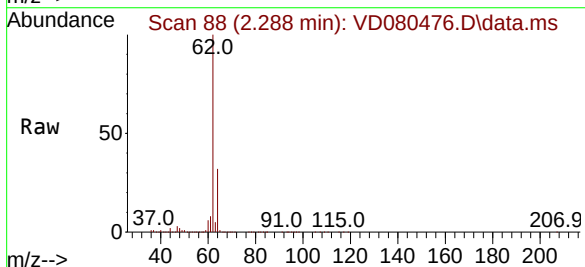
Instrument :
MSVOA_D
ClientSampleId :
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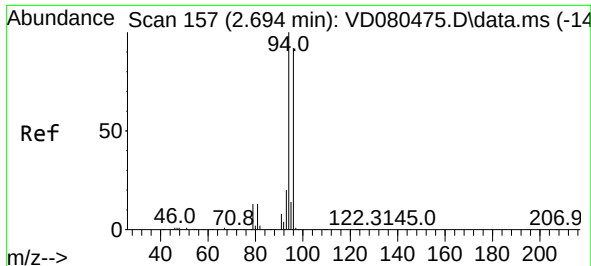
Tgt Ion: 50 Resp: 586958
Ion Ratio Lower Upper
50 100
52 33.6 26.1 39.1



#4
Vinyl Chloride
Concen: 103.759 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 62 Resp: 622844
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3

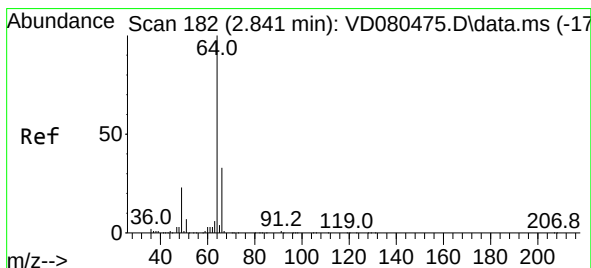
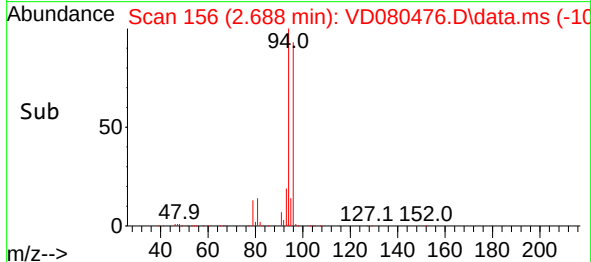
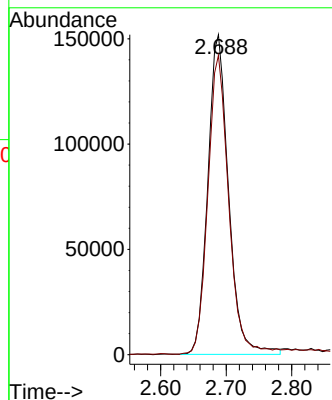
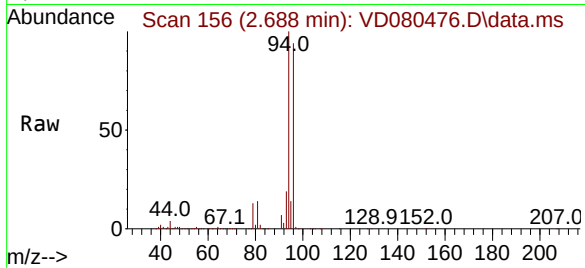




#5
Bromomethane
Concen: 100.794 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

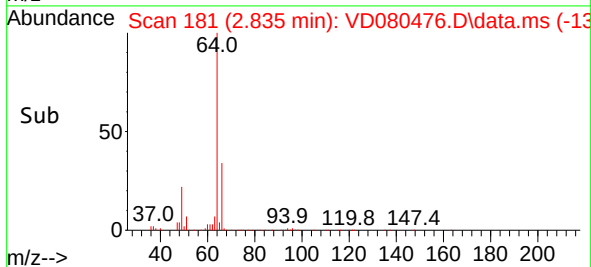
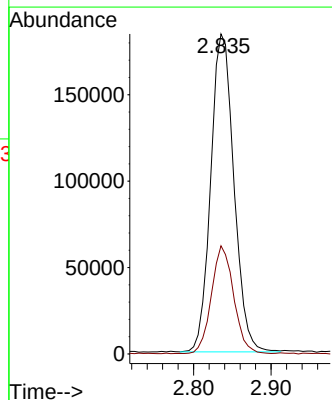
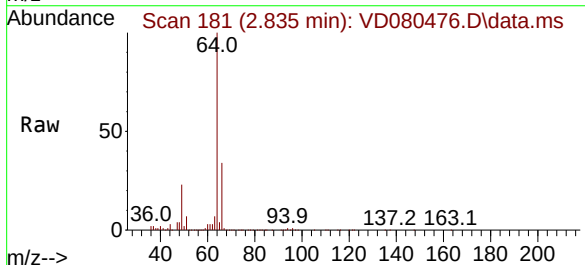
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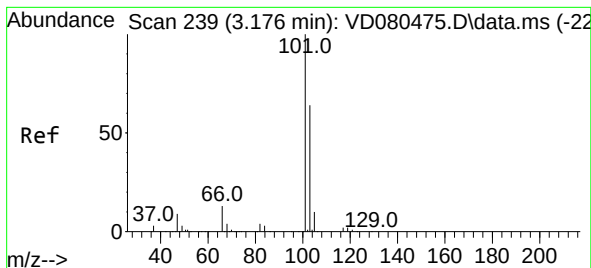
Tgt Ion: 94 Resp: 334406
Ion Ratio Lower Upper
94 100
96 93.3 74.8 112.2



#6
Chloroethane
Concen: 101.574 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 64 Resp: 382717
Ion Ratio Lower Upper
64 100
66 33.9 26.3 39.5

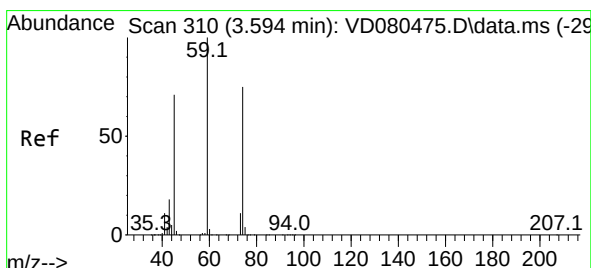
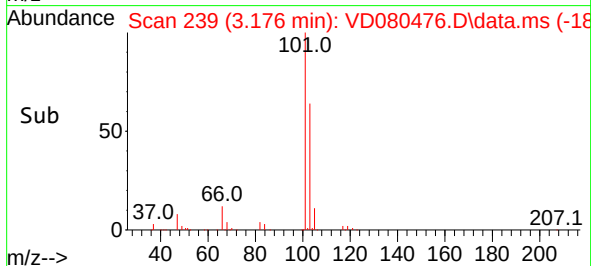
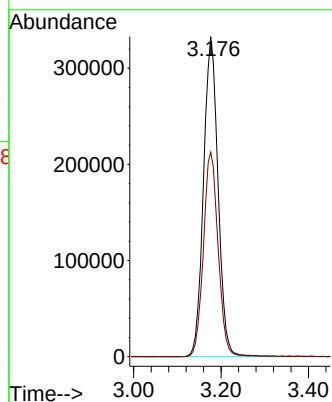
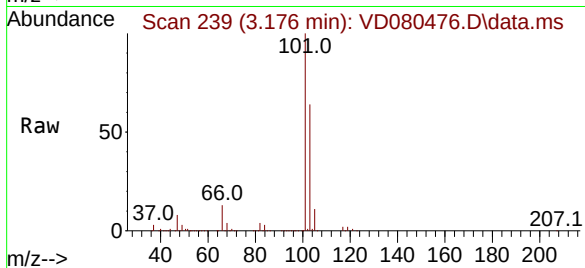




#7
 Trichlorofluoromethane
 Concen: 102.135 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

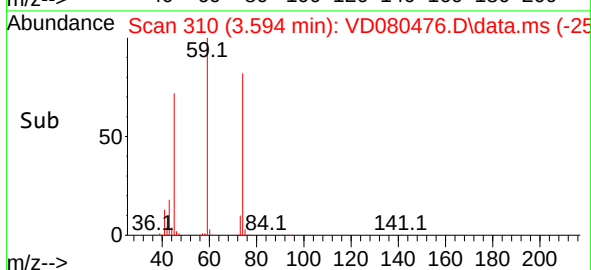
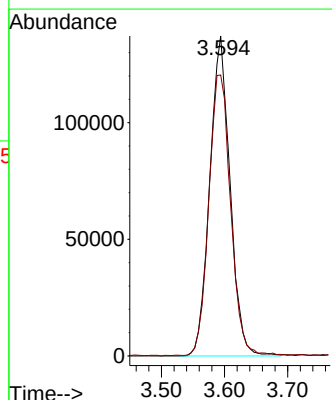
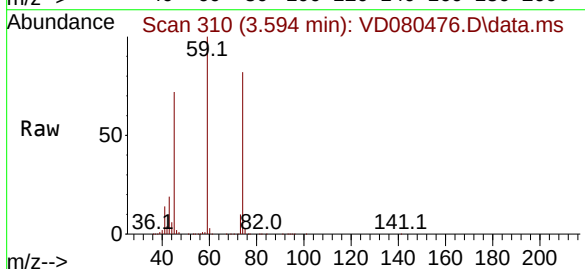
Instrument :
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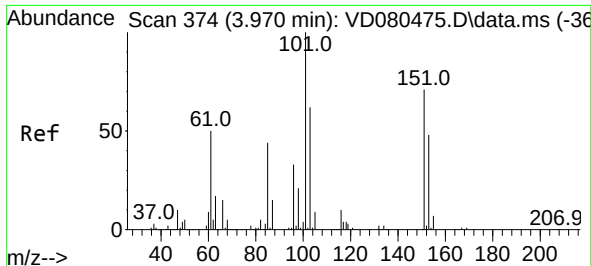
Tgt Ion:101 Resp: 771272
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.3 76.9



#8
 Diethyl Ether
 Concen: 104.014 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080476.D
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Tgt Ion: 74 Resp: 305750
 Ion Ratio Lower Upper
 74 100
 45 94.1 46.6 139.8

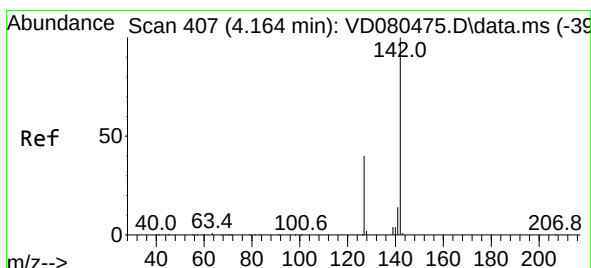
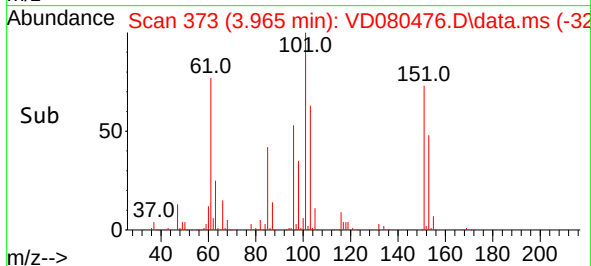
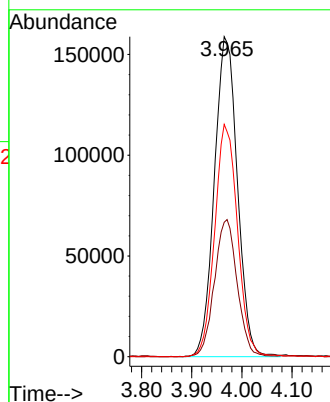
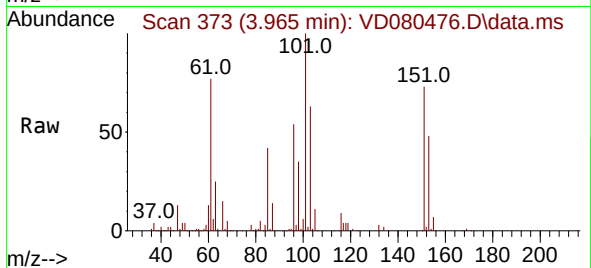




#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.573 ug/l
RT: 3.965 min Scan# 374
Delta R.T. -0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

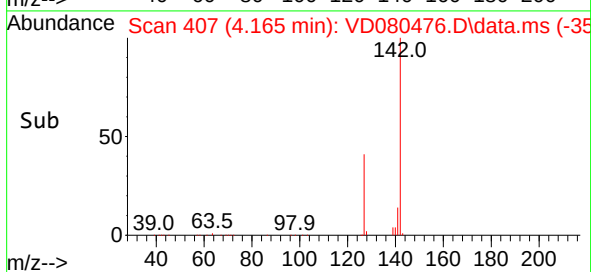
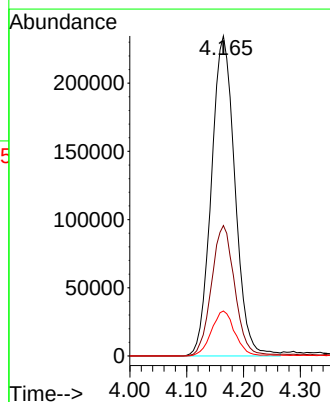
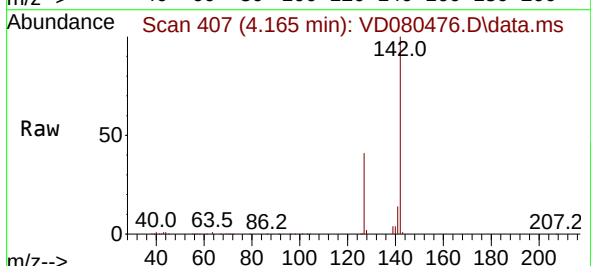
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MSVOA_D
ClientSampleId :
VSTDIC100

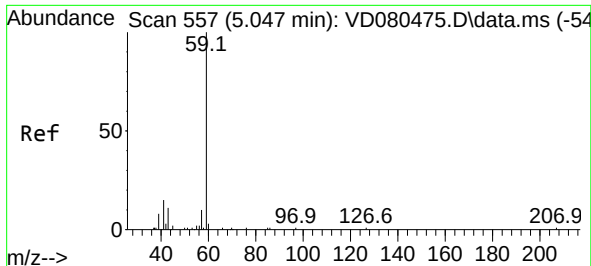
Tgt Ion:101 Resp: 507412
Ion Ratio Lower Upper
101 100
85 42.4 34.0 51.0
151 72.2 58.4 87.6



#10
Methyl Iodide
Concen: 114.787 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion:142 Resp: 675275
Ion Ratio Lower Upper
142 100
127 40.3 32.6 49.0
141 14.0 11.1 16.7

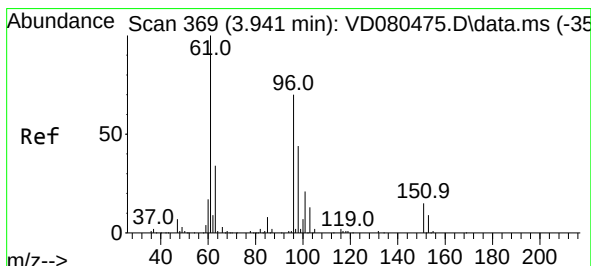
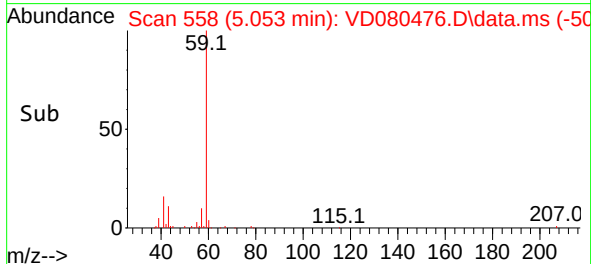
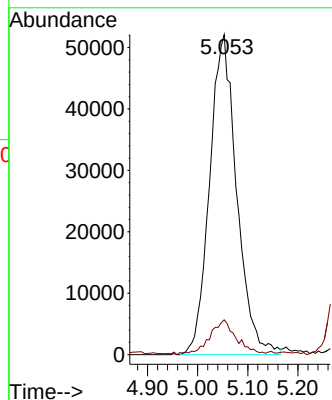
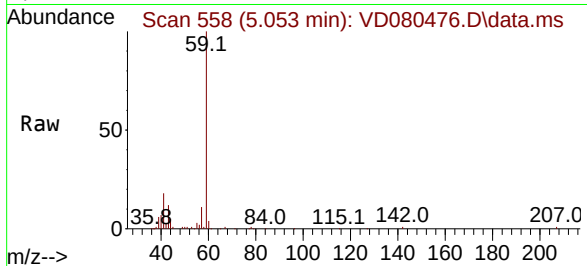




#11
Tert butyl alcohol
Concen: 514.793 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

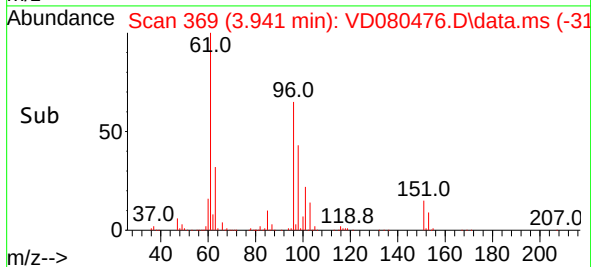
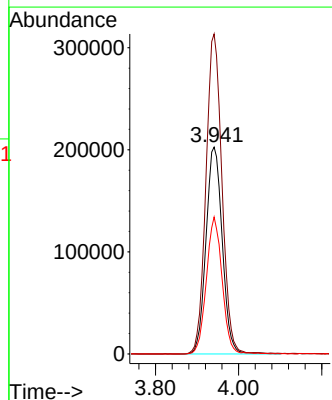
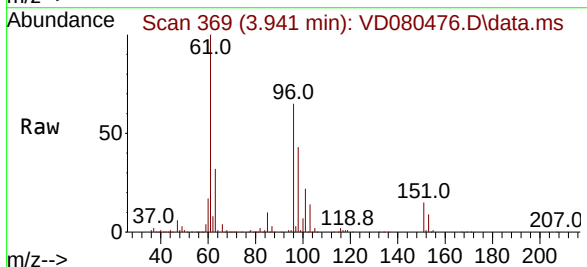
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

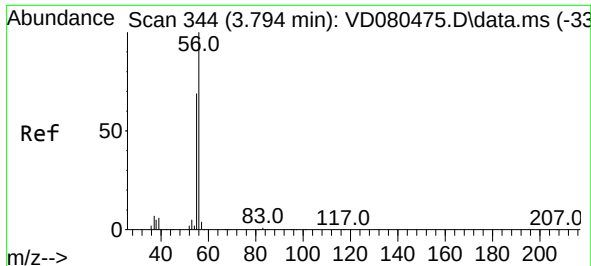
Tgt Ion: 59 Resp: 195847
Ion Ratio Lower Upper
59 100
57 10.8 8.8 13.2



#12
1,1-Dichloroethene
Concen: 102.395 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 96 Resp: 552313
Ion Ratio Lower Upper
96 100
61 154.7 114.9 172.3
98 66.2 50.5 75.7

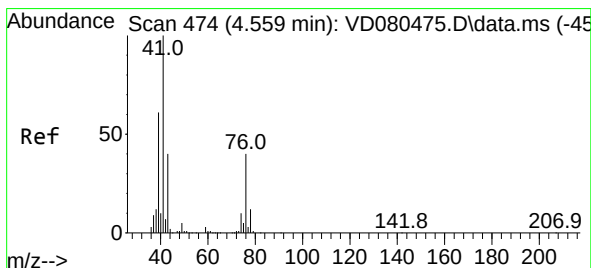
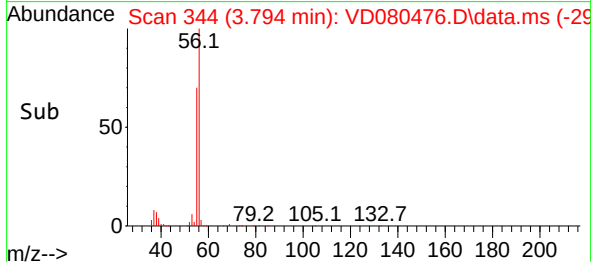
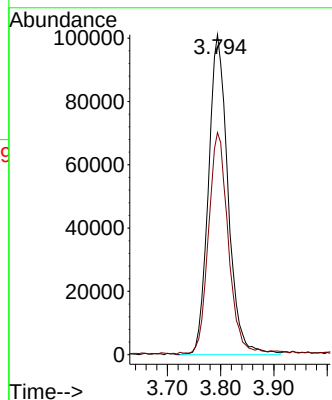
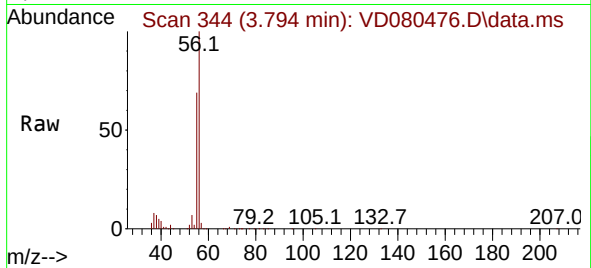




#13
Acrolein
Concen: 497.762 ug/l
RT: 3.794 min Scan# 344
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

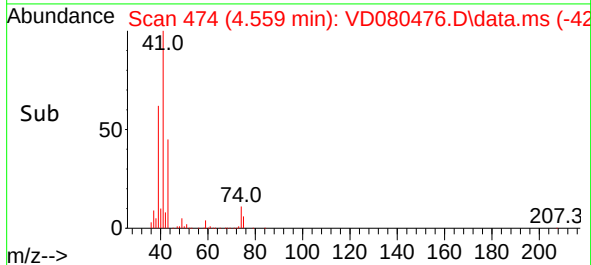
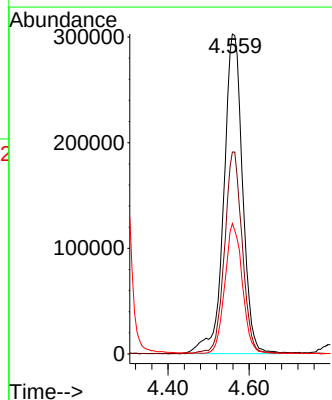
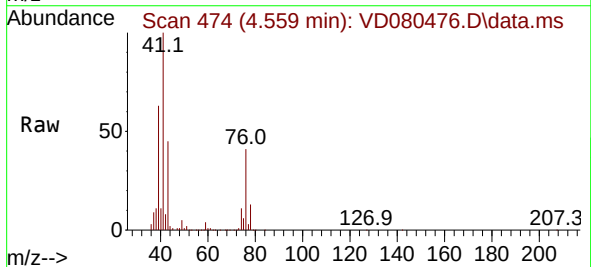
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

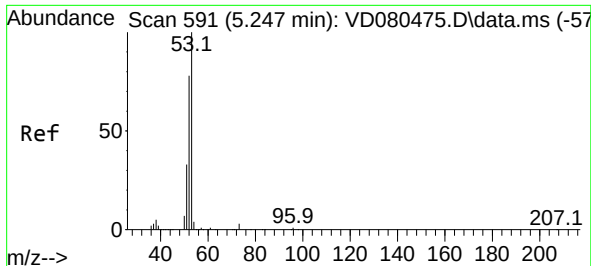
Tgt Ion: 56 Resp: 258059
Ion Ratio Lower Upper
56 100
55 68.6 56.2 84.2



#14
Allyl chloride
Concen: 102.947 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 41 Resp: 972311
Ion Ratio Lower Upper
41 100
39 59.8 47.4 71.2
76 37.8 30.5 45.7

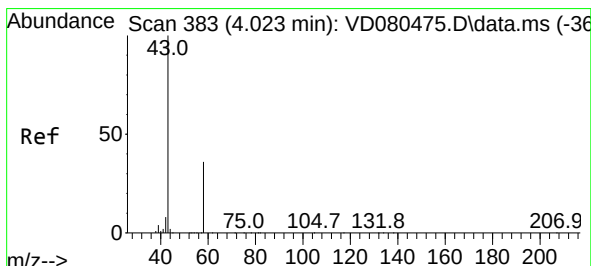
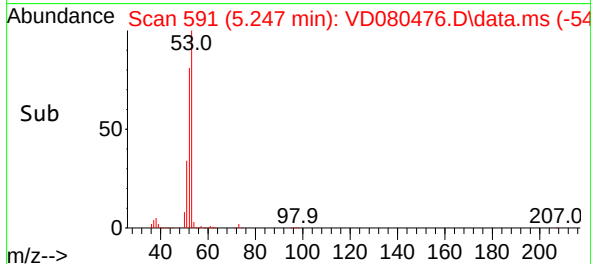
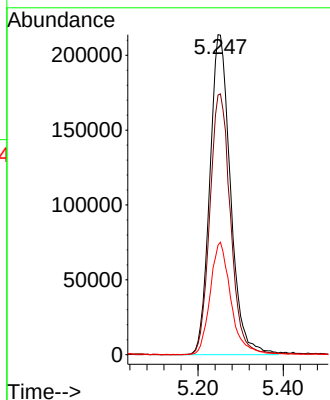
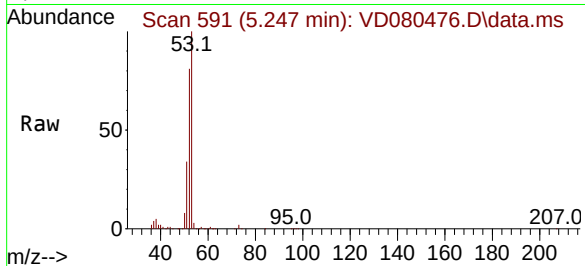




#15
Acrylonitrile
Concen: 516.594 ug/l
RT: 5.247 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

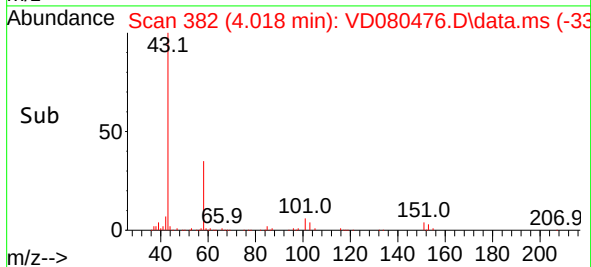
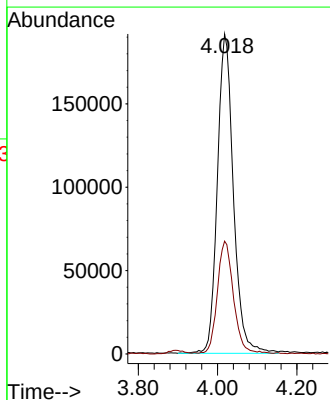
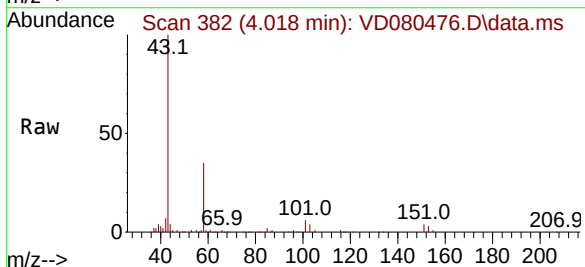
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

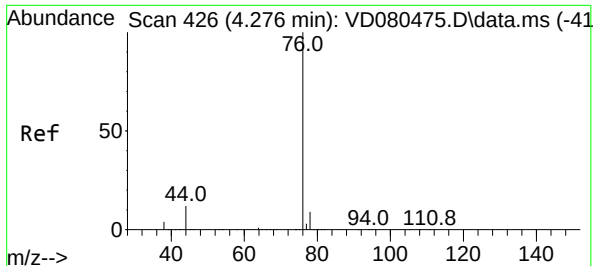
Tgt Ion: 53 Resp: 722496
Ion Ratio Lower Upper
53 100
52 81.5 64.7 97.1
51 35.3 27.9 41.9



#16
Acetone
Concen: 446.070 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 43 Resp: 538505
Ion Ratio Lower Upper
43 100
58 34.9 29.0 43.4

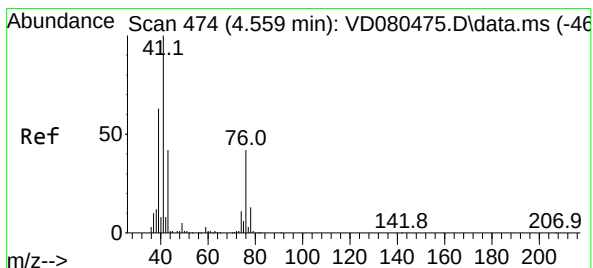
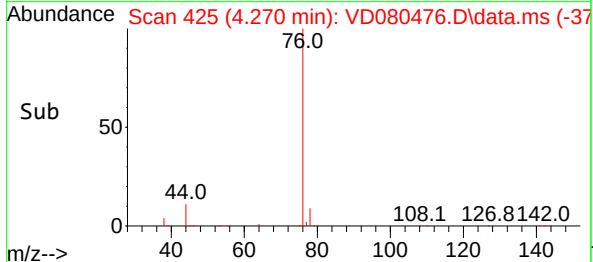
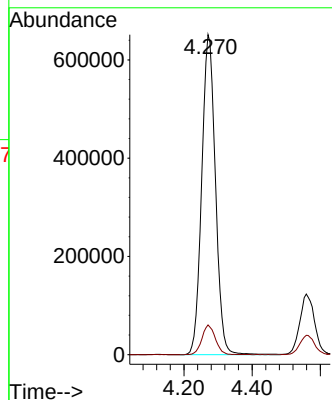
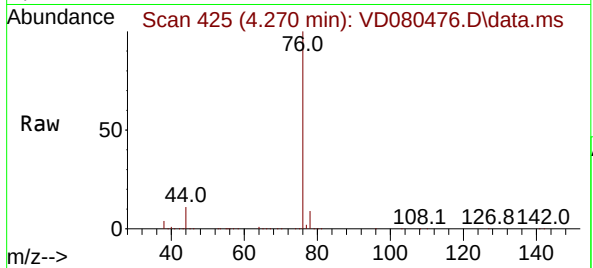




#17
Carbon Disulfide
Concen: 106.957 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

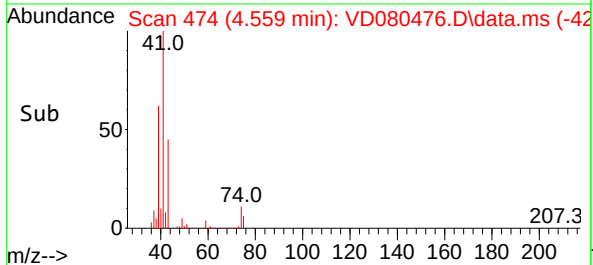
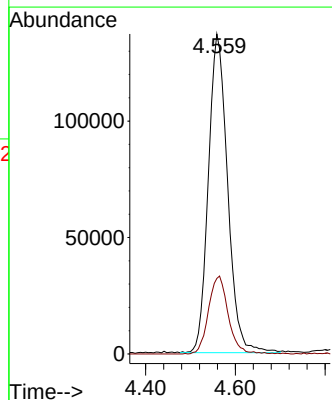
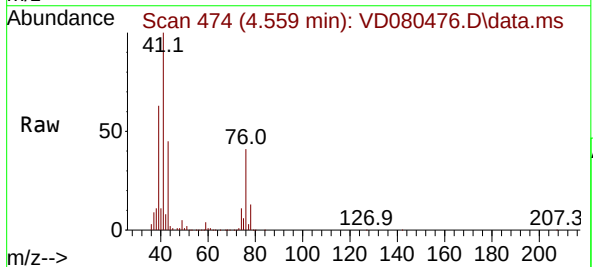
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

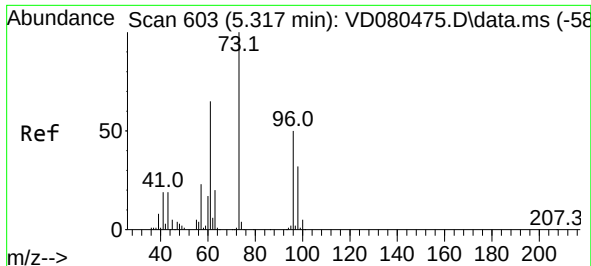
Tgt Ion: 76 Resp: 1821909
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 111.219 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 43 Resp: 408403
Ion Ratio Lower Upper
43 100
74 25.0 20.4 30.6

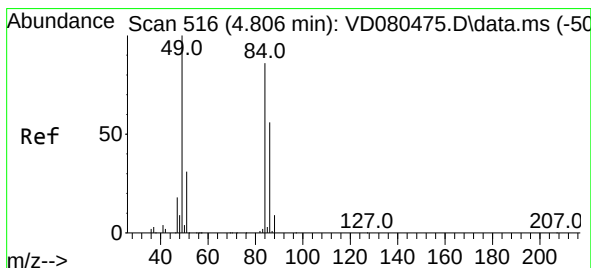
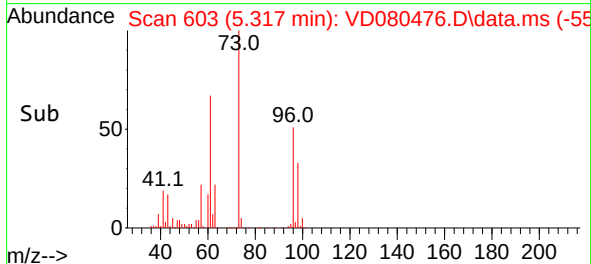
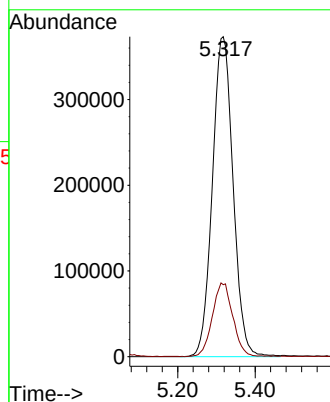
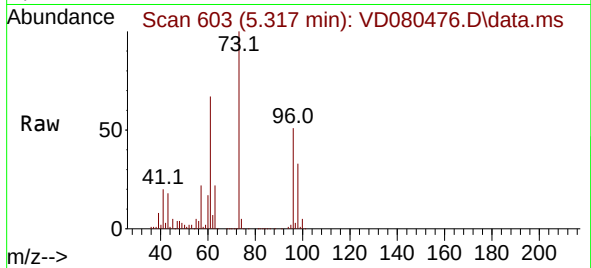




#19
Methyl tert-butyl Ether
Concen: 103.501 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

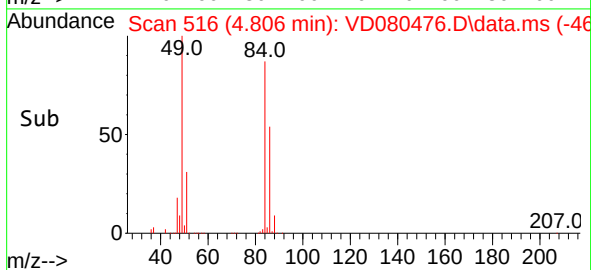
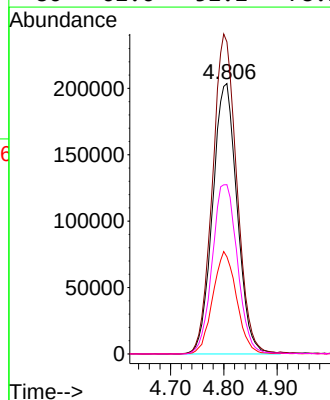
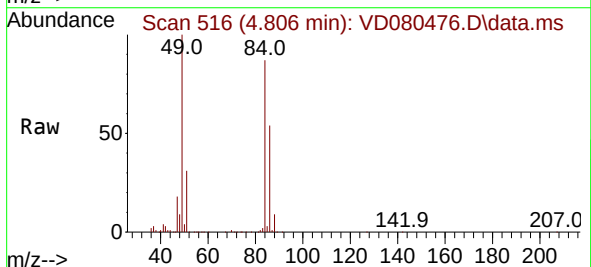
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

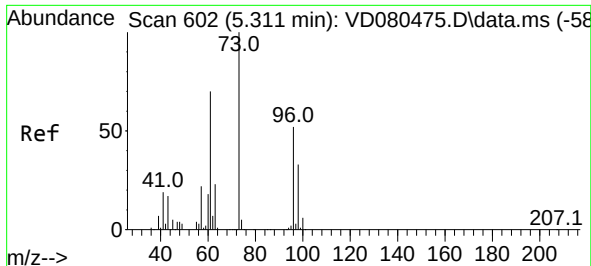
Tgt Ion: 73 Resp: 1387433
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7



#20
Methylene Chloride
Concen: 100.804 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 84 Resp: 651009
Ion Ratio Lower Upper
84 100
49 115.4 92.8 139.2
51 35.9 29.0 43.6
86 62.6 52.2 78.2

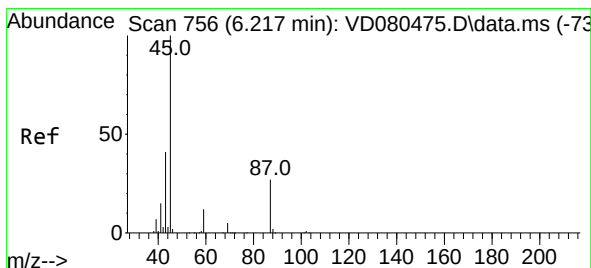
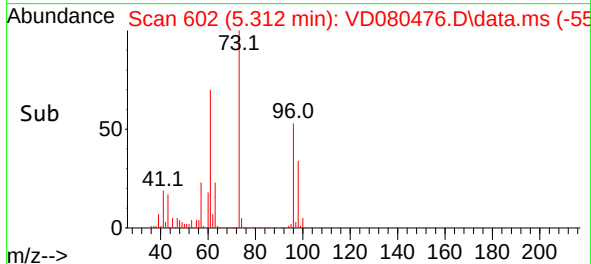
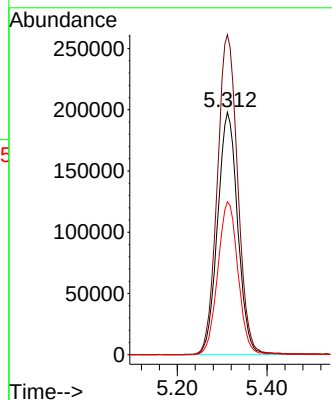
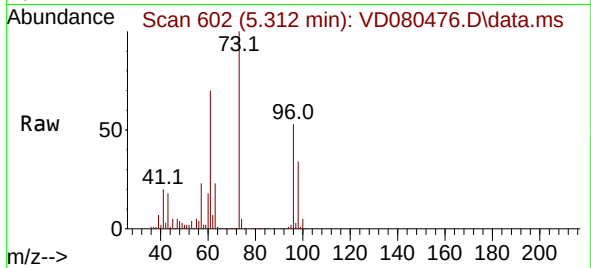




#21
trans-1,2-Dichloroethene
Concen: 102.733 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

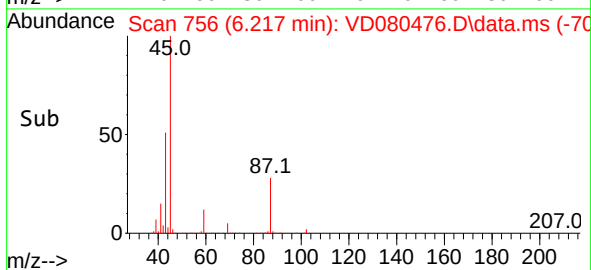
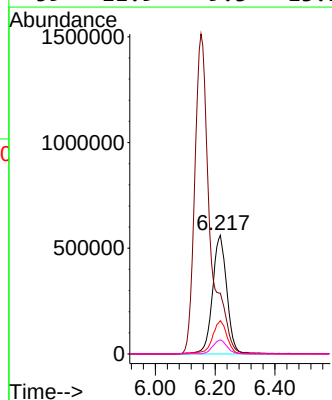
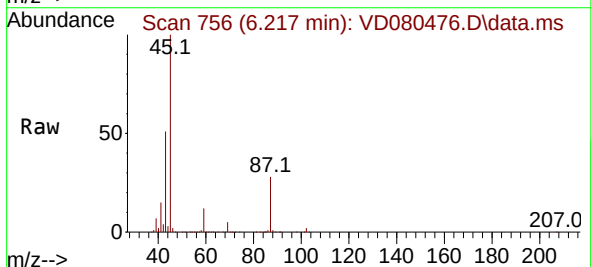
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

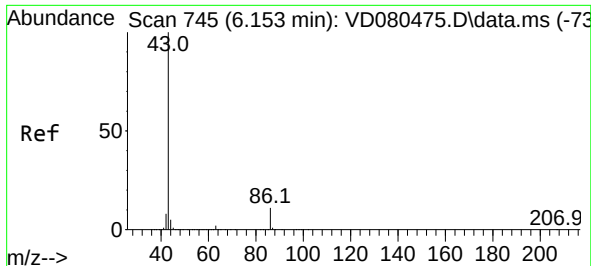
Tgt Ion: 96 Resp: 618088
Ion Ratio Lower Upper
96 100
61 132.0 108.6 163.0
98 63.1 51.5 77.3



#22
Diisopropyl ether
Concen: 101.797 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 45 Resp: 1856400
Ion Ratio Lower Upper
45 100
43 51.0 39.5 59.3
87 28.0 22.3 33.5
59 11.9 9.3 13.9

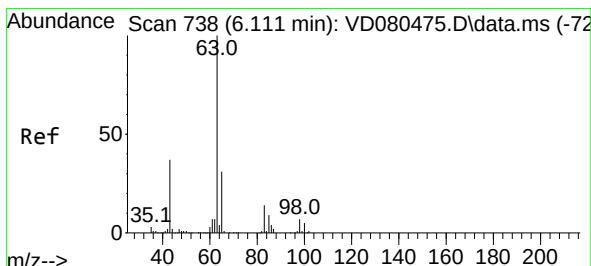
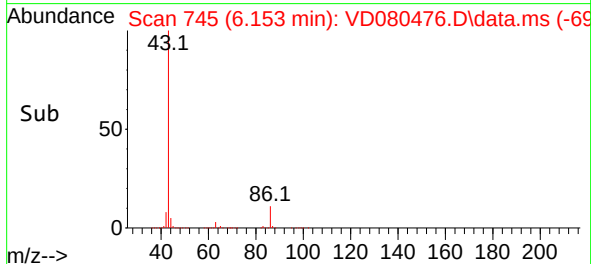
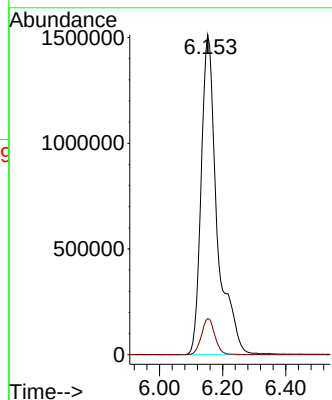
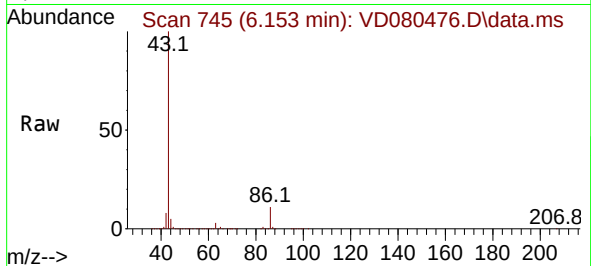




#23
 Vinyl Acetate
 Concen: 511.194 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

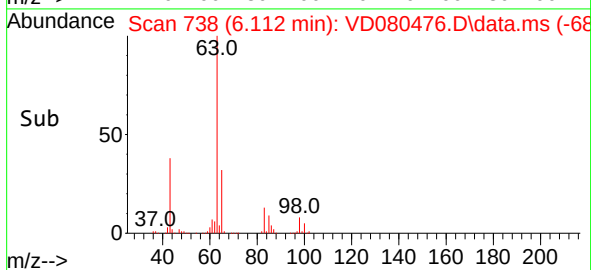
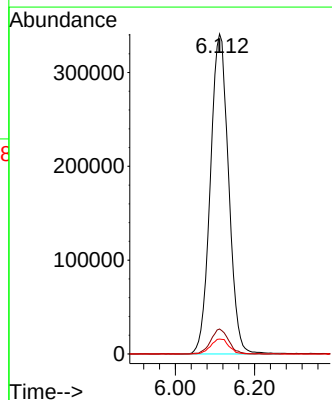
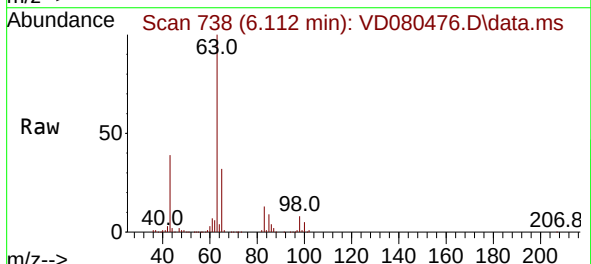
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

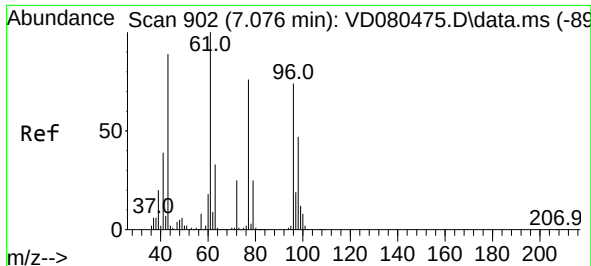
Tgt Ion: 43 Resp: 5311943
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 101.747 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

Tgt Ion: 63 Resp: 1088730
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.9
 100 4.7 2.5 7.4

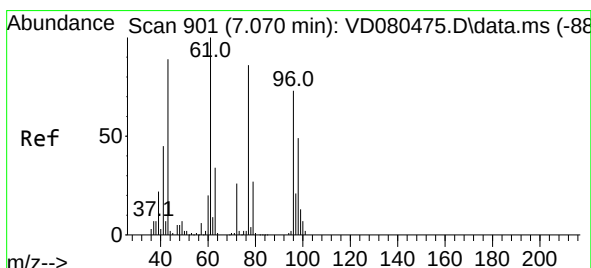
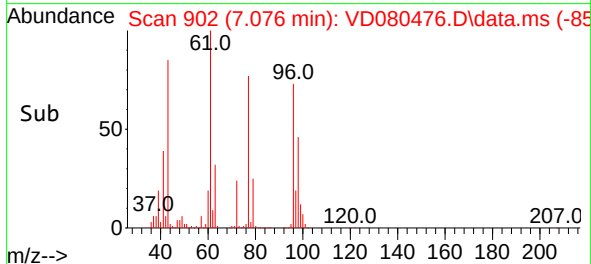
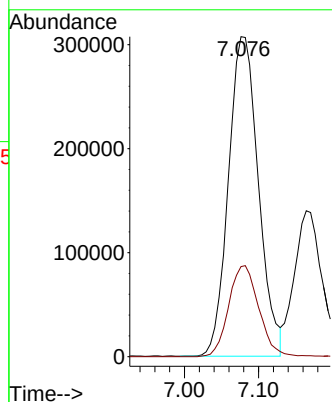
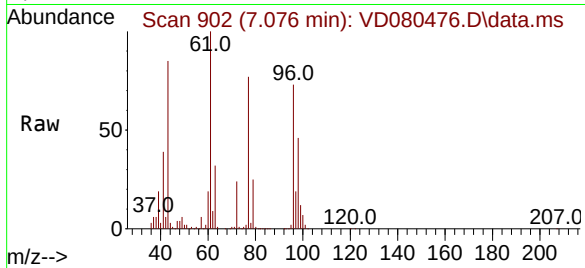




#25
2-Butanone
Concen: 487.705 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

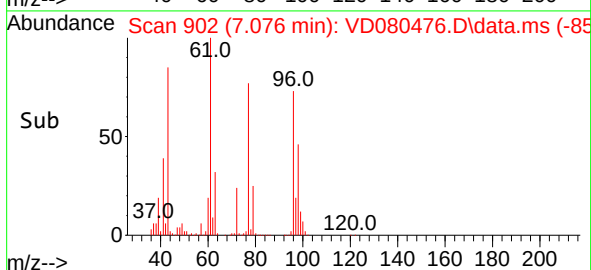
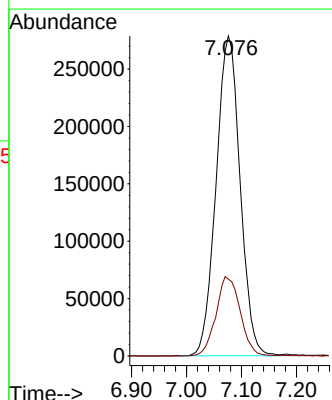
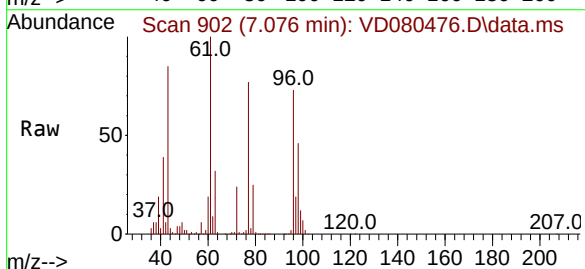
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

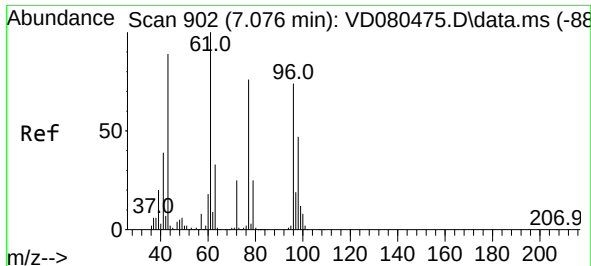
Tgt Ion: 43 Resp: 864152
Ion Ratio Lower Upper
43 100
72 28.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 99.825 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 77 Resp: 845300
Ion Ratio Lower Upper
77 100
97 25.1 12.2 36.6

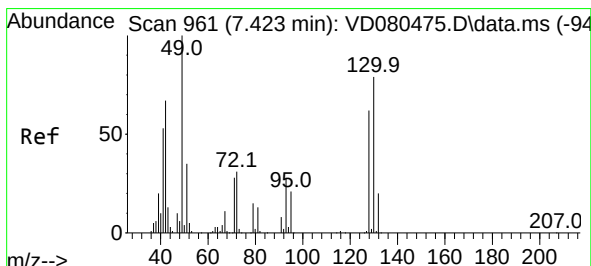
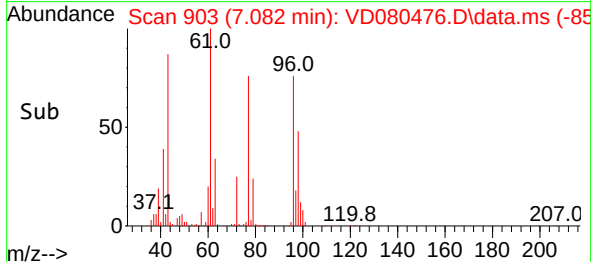
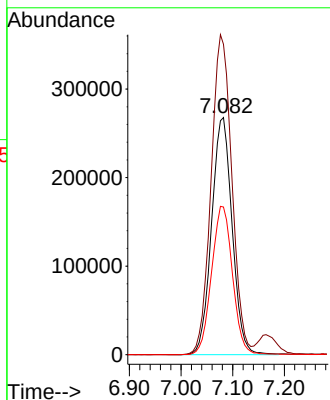
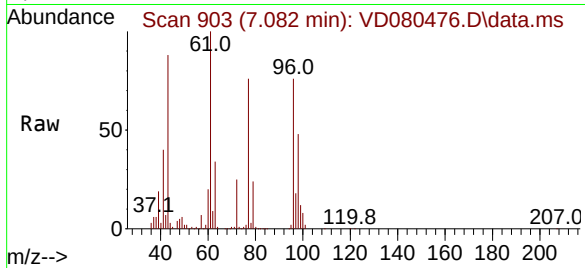




#27
 cis-1,2-Dichloroethene
 Concen: 103.048 ug/l
 RT: 7.082 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

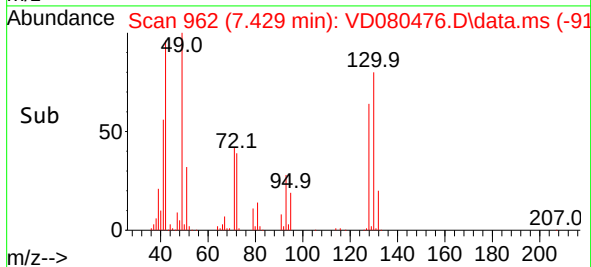
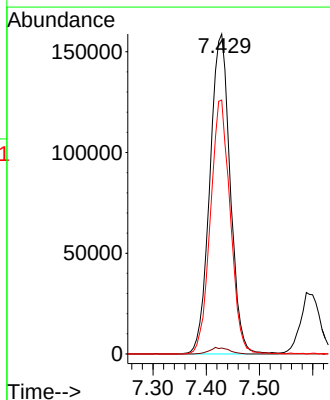
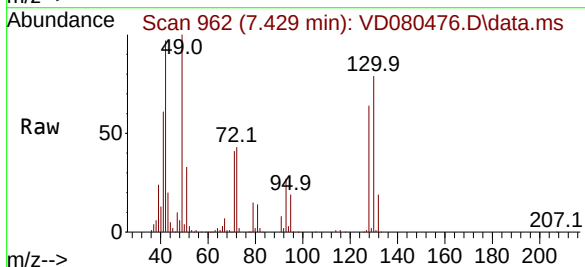
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

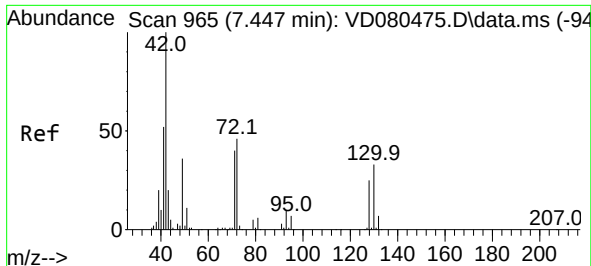
Tgt Ion: 96 Resp: 741173
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 274.6
 98 63.8 0.0 128.0



#28
 Bromochloromethane
 Concen: 99.722 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.006 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

Tgt Ion: 49 Resp: 420680
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 77.4 62.8 94.2





#29

Tetrahydrofuran

Concen: 517.433 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

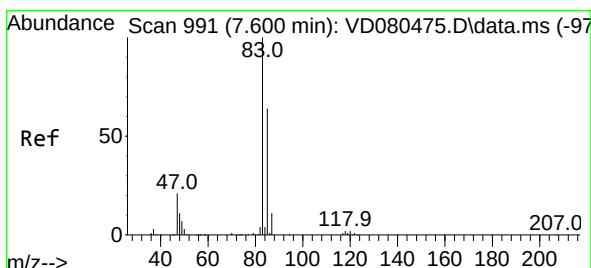
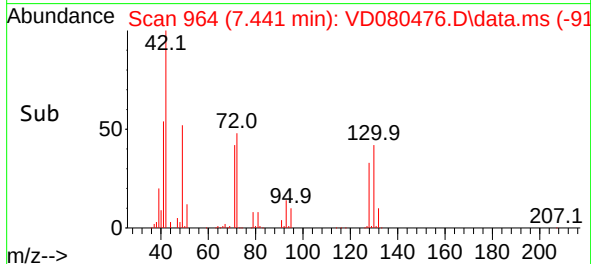
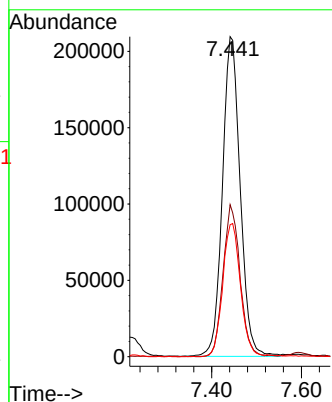
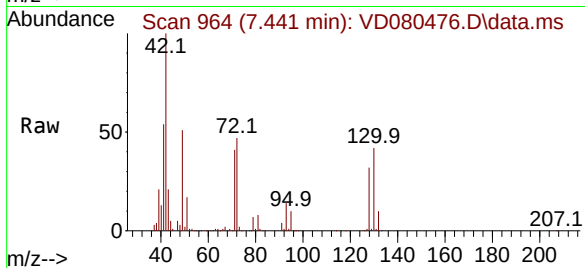
Tgt Ion: 42 Resp: 577601

Ion Ratio Lower Upper

42 100

72 45.5 35.9 53.9

71 41.6 33.2 49.8



#30

Chloroform

Concen: 102.374 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080476.D

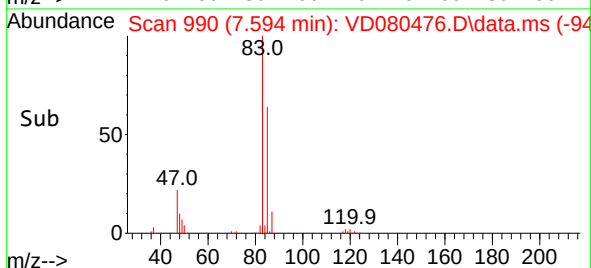
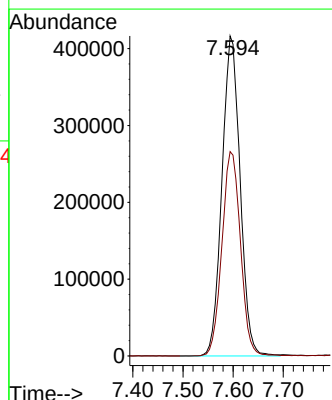
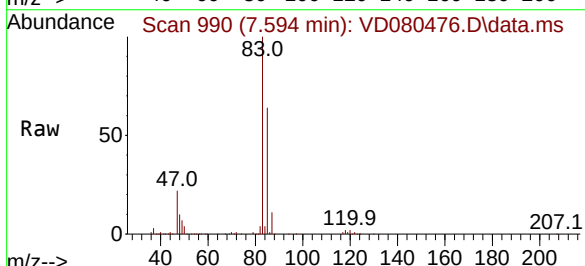
Acq: 26 Jun 2025 11:47

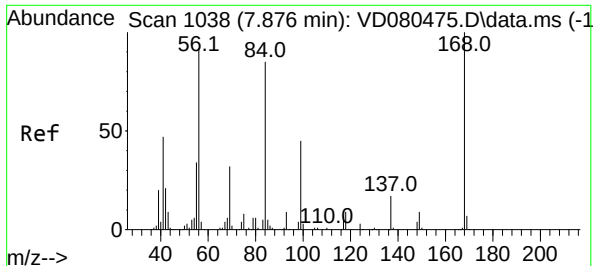
Tgt Ion: 83 Resp: 1048607

Ion Ratio Lower Upper

83 100

85 63.9 51.2 76.8

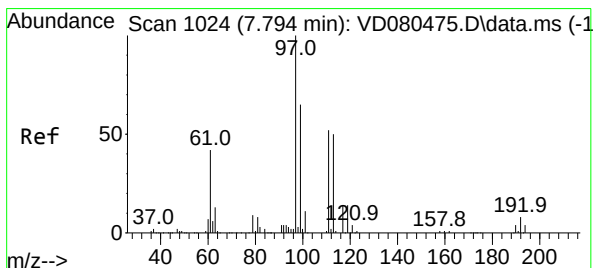
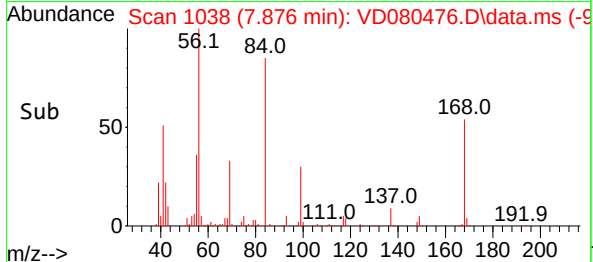
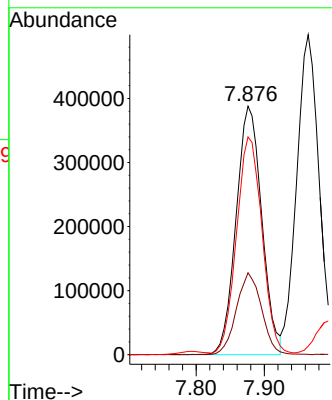
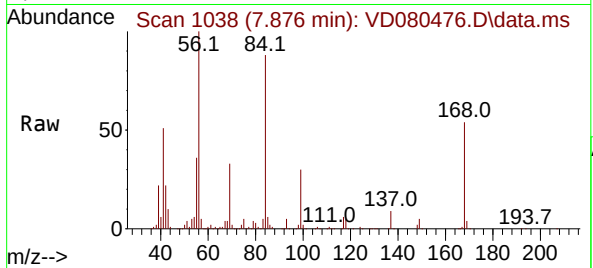




#31
Cyclohexane
Concen: 97.822 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

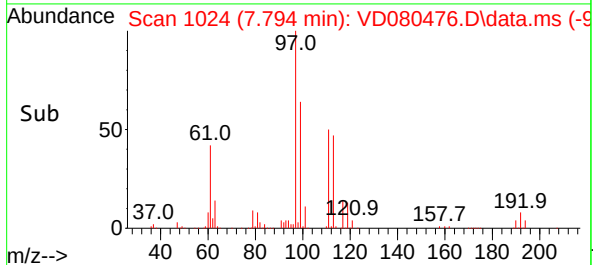
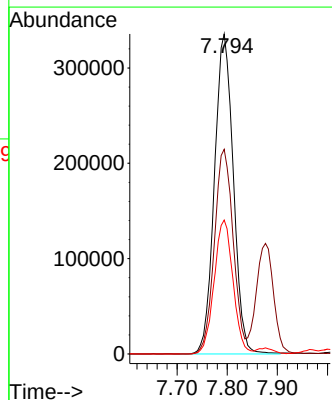
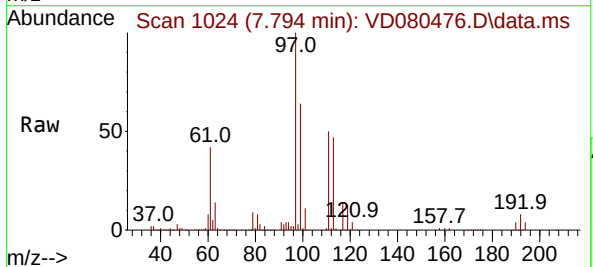
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

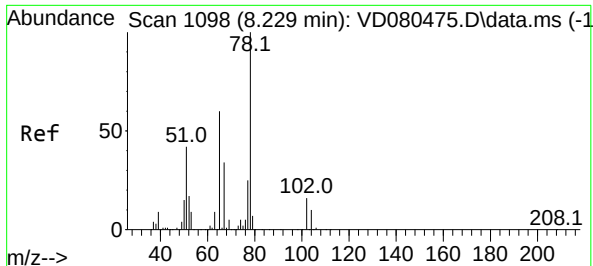
Tgt Ion: 56 Resp: 1014260
Ion Ratio Lower Upper
56 100
69 32.9 28.1 42.1
84 86.9 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 102.560 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 97 Resp: 878316
Ion Ratio Lower Upper
97 100
99 63.6 51.5 77.3
61 41.8 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 105.994 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

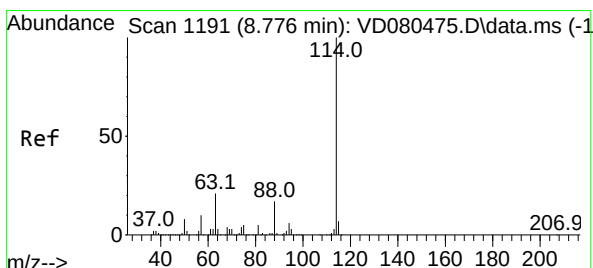
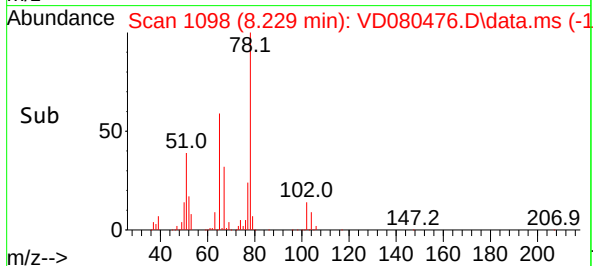
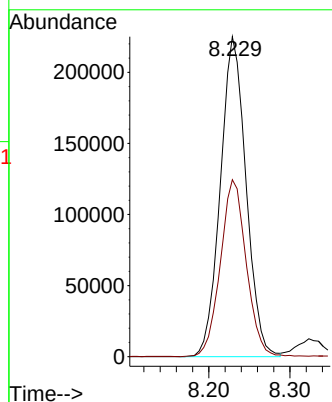
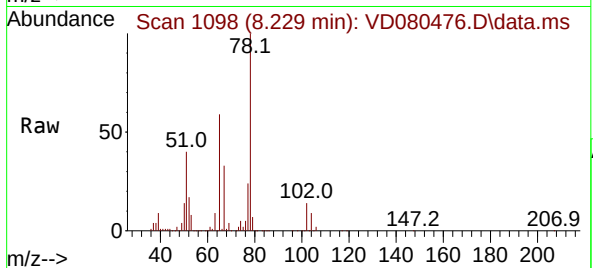
VSTDIC100

Tgt Ion: 65 Resp: 495248

Ion Ratio Lower Upper

65 100

67 55.8 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: VD080476.D

Acq: 26 Jun 2025 11:47

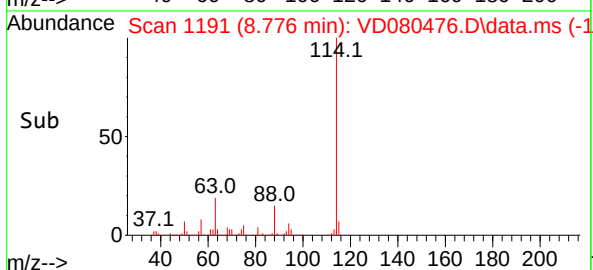
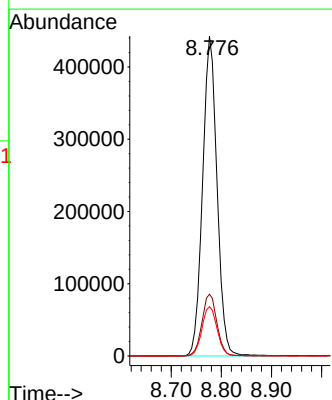
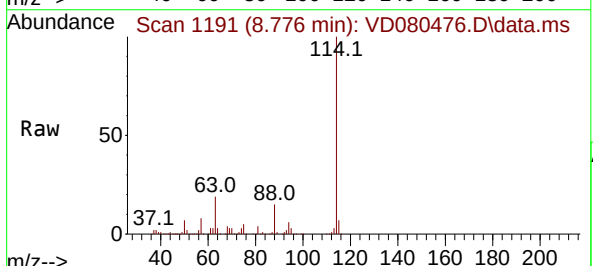
Tgt Ion: 114 Resp: 886509

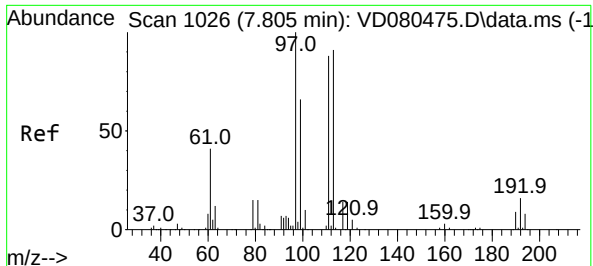
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.0

88 15.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 104.641 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

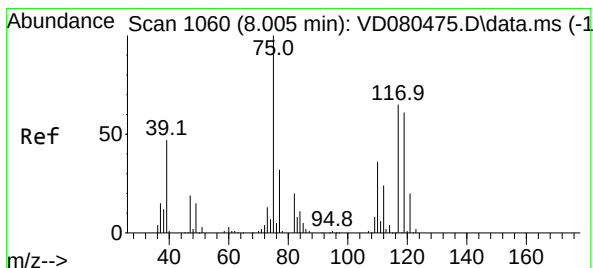
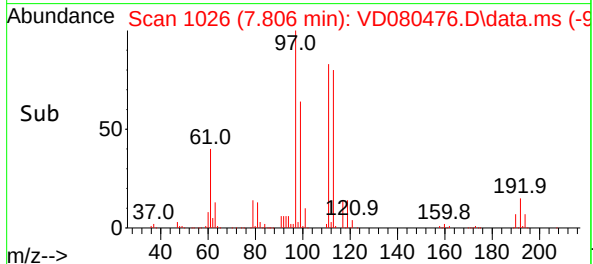
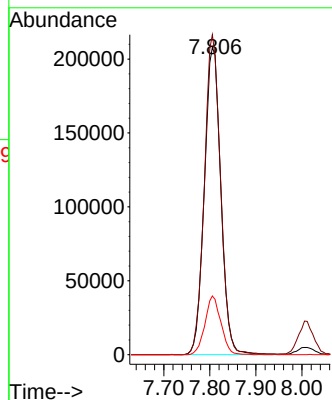
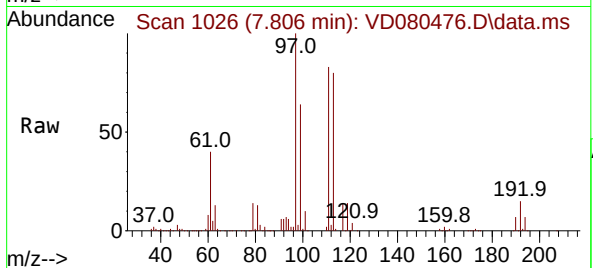
Tgt Ion:113 Resp: 519449

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 18.4 15.0 22.6



#36

1,1-Dichloropropene

Concen: 100.566 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

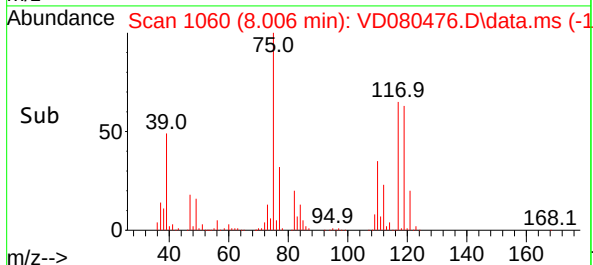
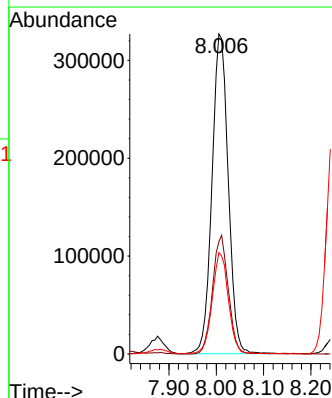
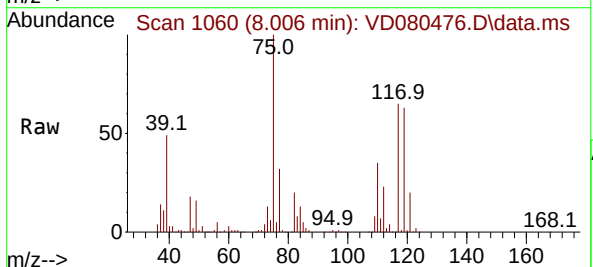
Tgt Ion: 75 Resp: 779678

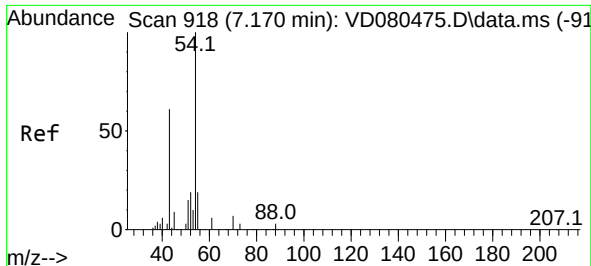
Ion Ratio Lower Upper

75 100

110 35.9 18.2 54.6

77 31.4 25.2 37.8

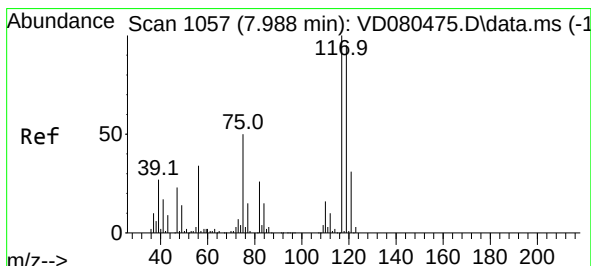
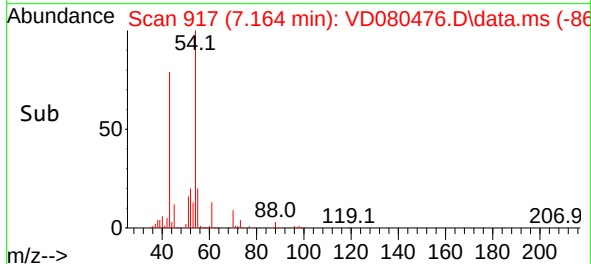
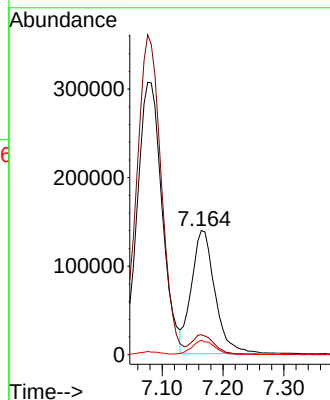
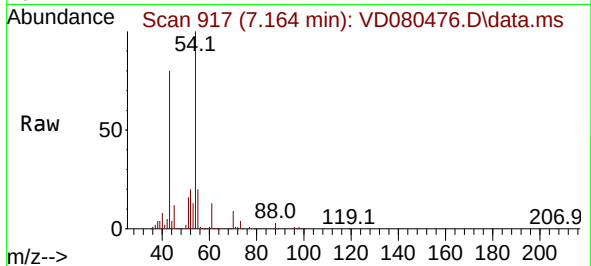




#37
Ethyl Acetate
Concen: 99.082 ug/l
RT: 7.164 min Scan# 917
Delta R.T. -0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

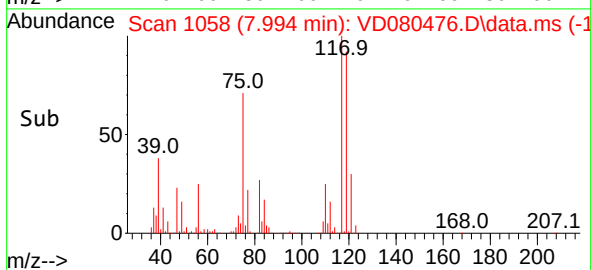
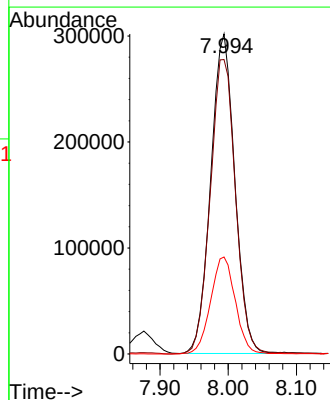
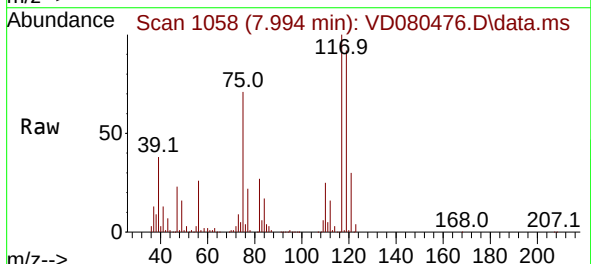
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

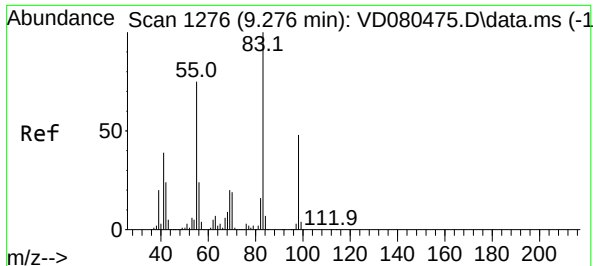
Tgt Ion: 43 Resp: 372147
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.2
70 10.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 100.296 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 117 Resp: 742921
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.6
121 30.3 25.0 37.4





#39

Methylcyclohexane

Concen: 99.654 ug/l

RT: 9.270 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

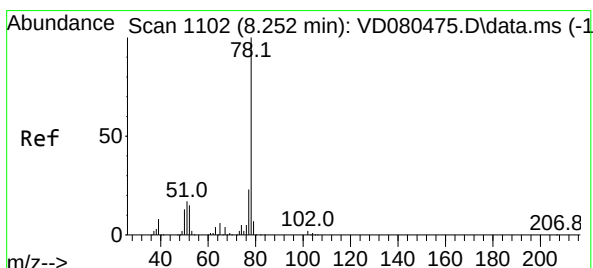
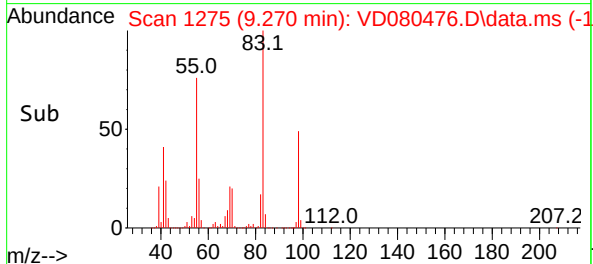
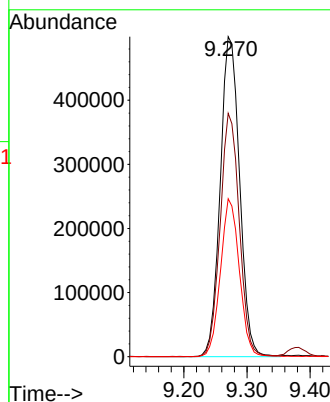
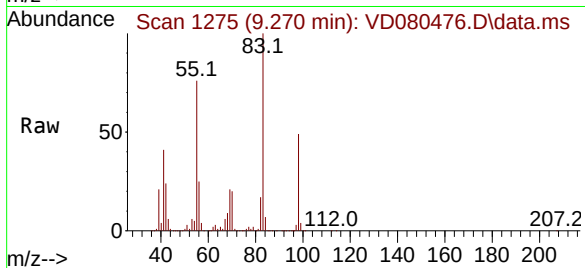
Tgt Ion: 83 Resp: 1063715

Ion Ratio Lower Upper

83 100

55 75.9 59.8 89.8

98 49.4 38.2 57.2



#40

Benzene

Concen: 100.448 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080476.D

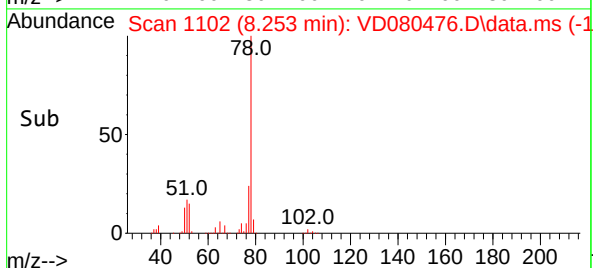
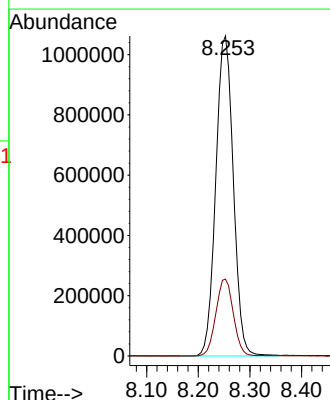
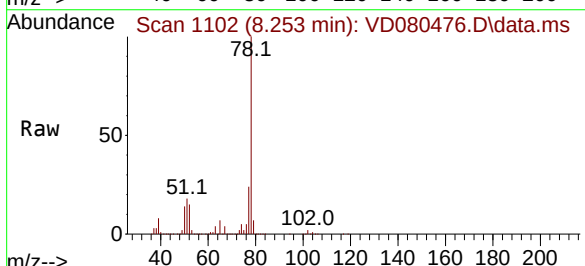
Acq: 26 Jun 2025 11:47

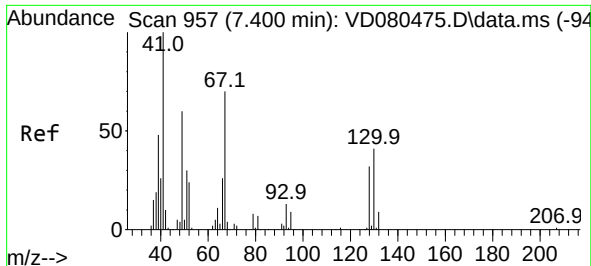
Tgt Ion: 78 Resp: 2499477

Ion Ratio Lower Upper

78 100

77 24.0 18.6 28.0

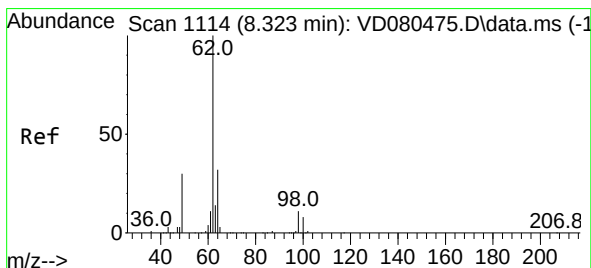
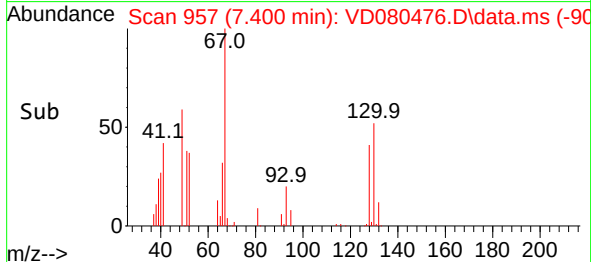
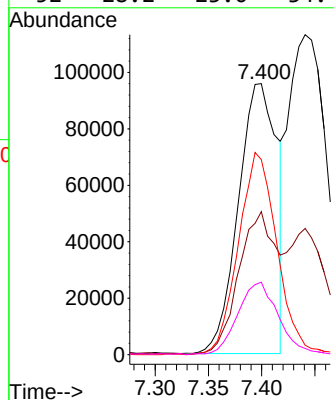
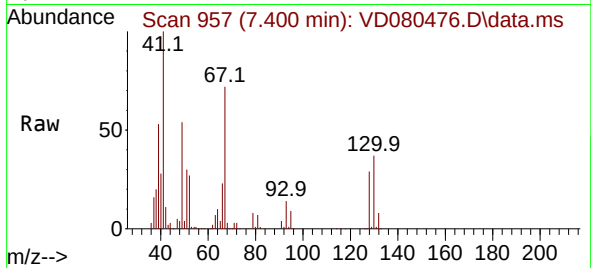




#41
Methacrylonitrile
Concen: 100.640 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

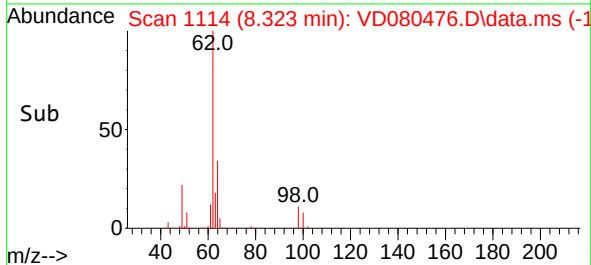
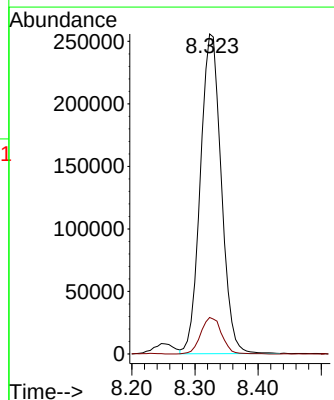
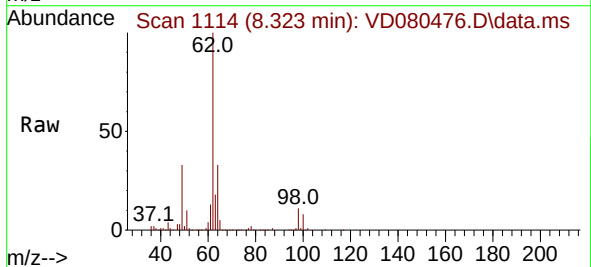
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

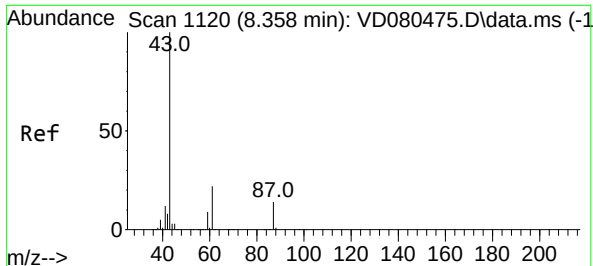
Tgt Ion: 41 Resp: 242371
Ion Ratio Lower Upper
41 100
39 50.7 43.4 65.0
67 74.9 59.2 88.8
52 28.2 23.0 34.4



#42
1,2-Dichloroethane
Concen: 100.257 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 62 Resp: 586879
Ion Ratio Lower Upper
62 100
98 11.4 0.0 22.0





#43

Isopropyl Acetate

Concen: 101.899 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

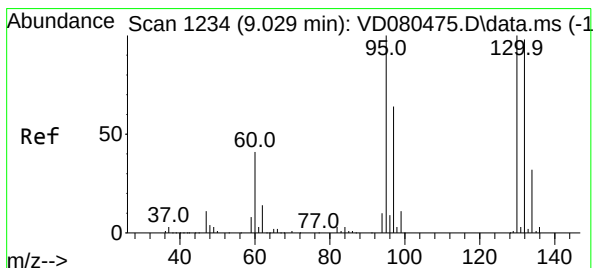
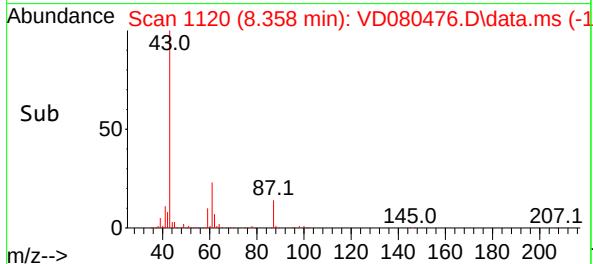
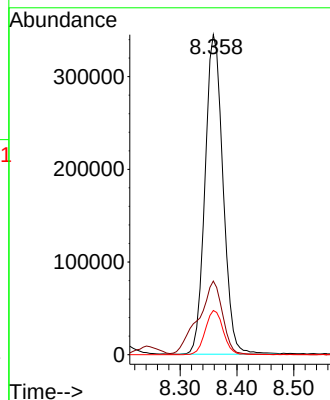
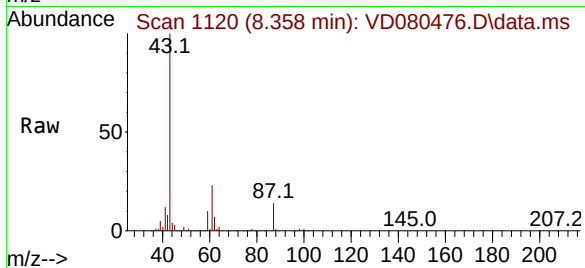
Tgt Ion: 43 Resp: 755658

Ion Ratio Lower Upper

43 100

61 30.9 24.4 36.6

87 13.8 11.4 17.2



#44

Trichloroethene

Concen: 100.721 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VD080476.D

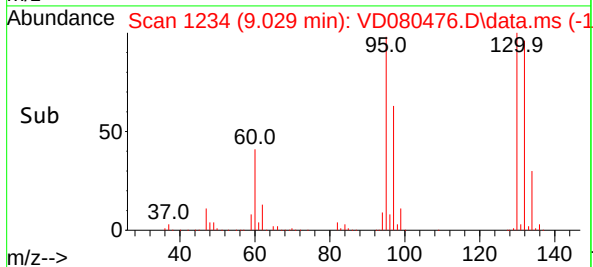
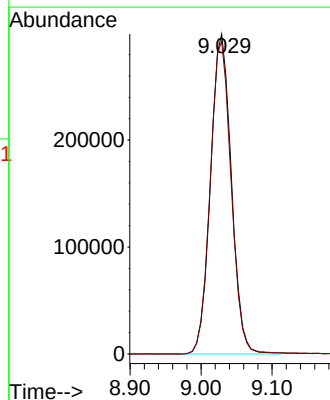
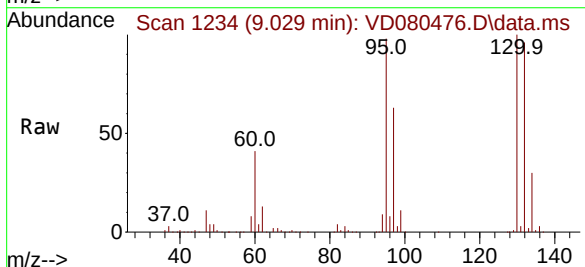
Acq: 26 Jun 2025 11:47

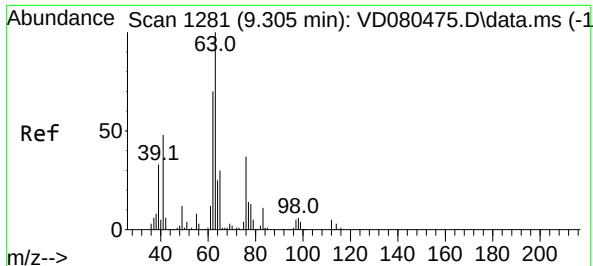
Tgt Ion:130 Resp: 607400

Ion Ratio Lower Upper

130 100

95 97.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 101.154 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

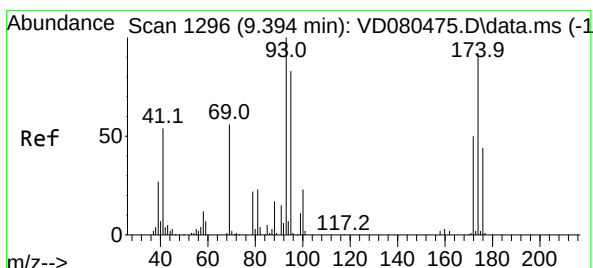
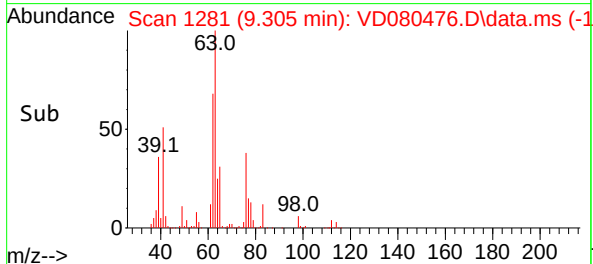
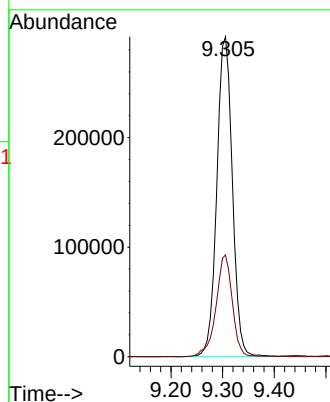
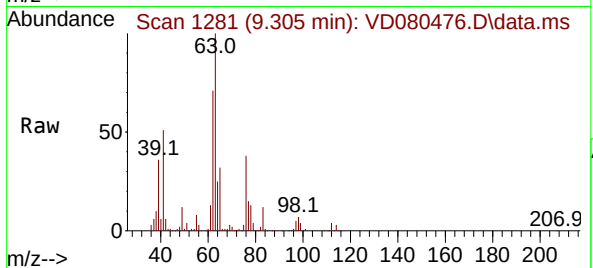
VSTDICC100

Tgt Ion: 63 Resp: 610447

Ion Ratio Lower Upper

63 100

65 31.8 24.0 36.0



#46

Dibromomethane

Concen: 100.997 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

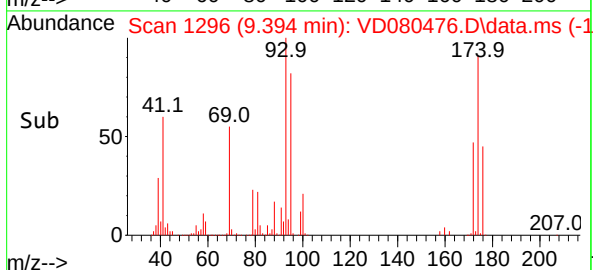
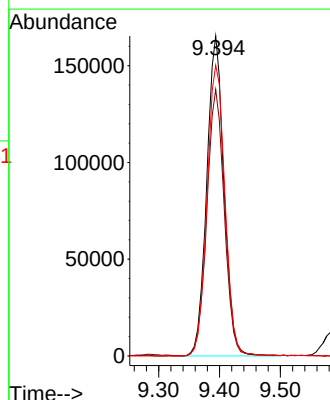
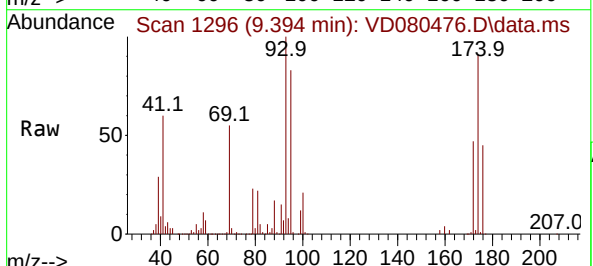
Tgt Ion: 93 Resp: 324972

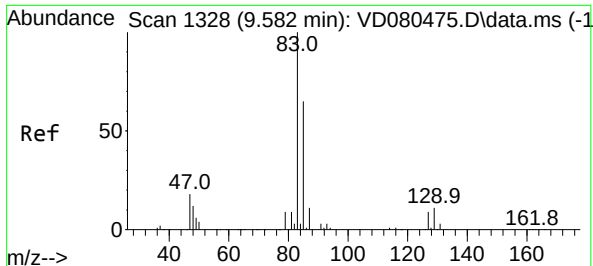
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 94.3 75.4 113.0





#47

Bromodichloromethane

Concen: 100.788 ug/l

RT: 9.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

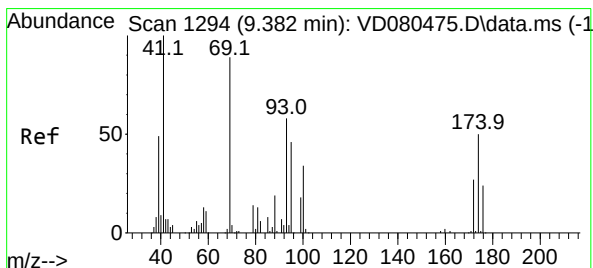
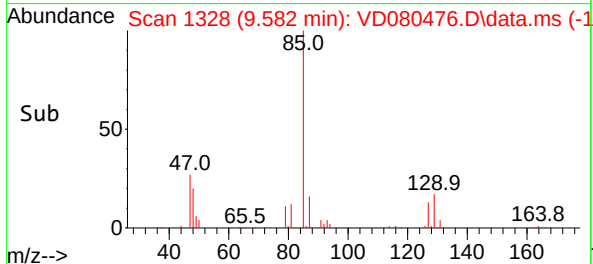
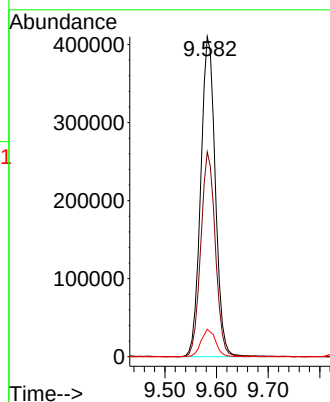
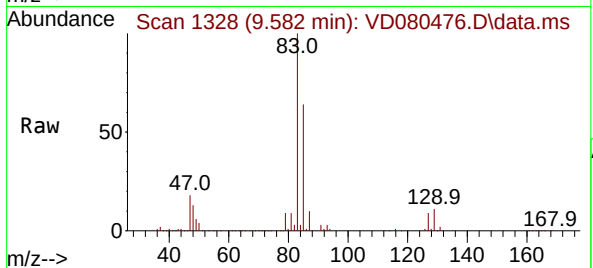
Tgt Ion: 83 Resp: 803984

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.2

127 8.5 6.9 10.3



#48

Methyl methacrylate

Concen: 102.211 ug/l

RT: 9.376 min Scan# 1293

Delta R.T. -0.006 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

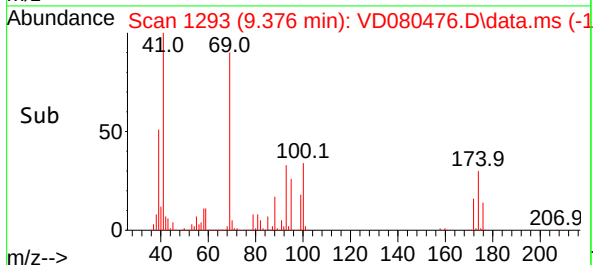
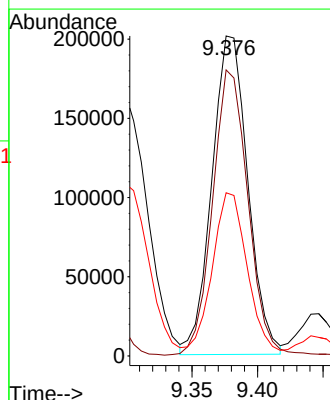
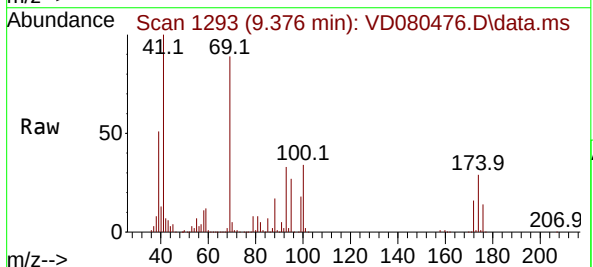
Tgt Ion: 41 Resp: 383434

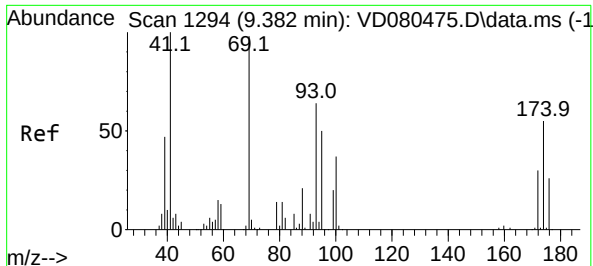
Ion Ratio Lower Upper

41 100

69 88.3 70.2 105.4

39 46.7 40.2 60.2

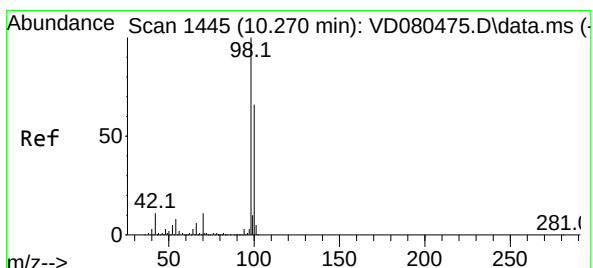
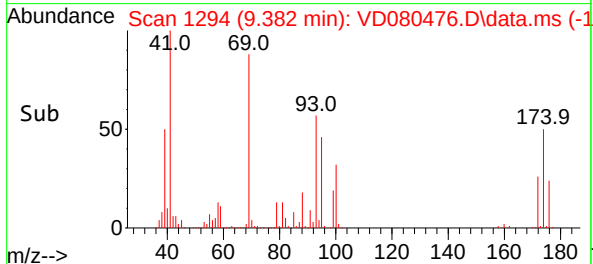
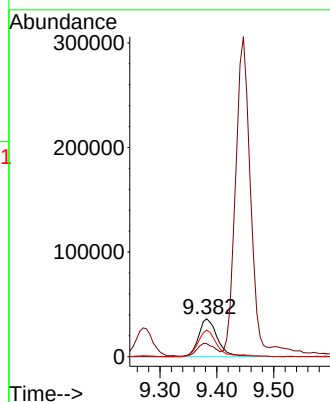
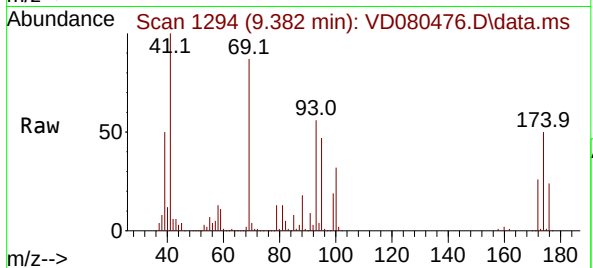




#49
1,4-Dioxane
Concen: 1999.359 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

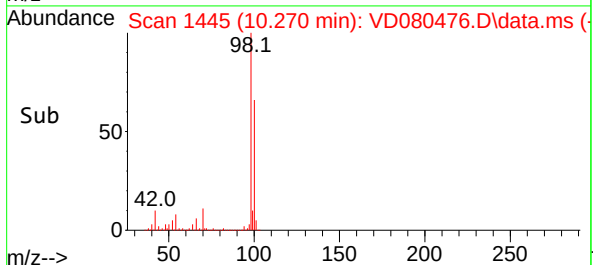
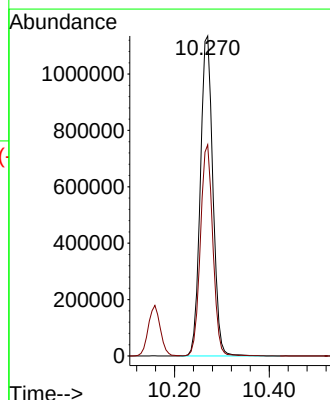
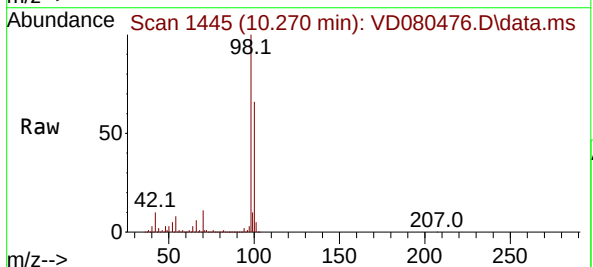
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

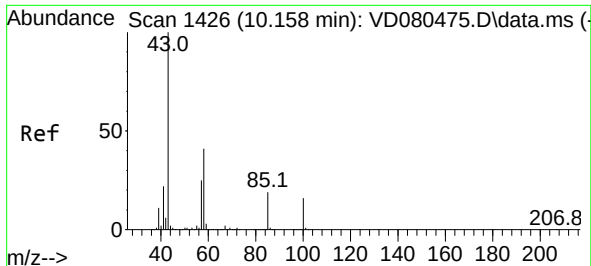
Tgt Ion: 88 Resp: 83456
Ion Ratio Lower Upper
88 100
43 31.6 26.7 40.1
58 71.4 56.4 84.6



#50
Toluene-d8
Concen: 103.761 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 98 Resp: 2080844
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

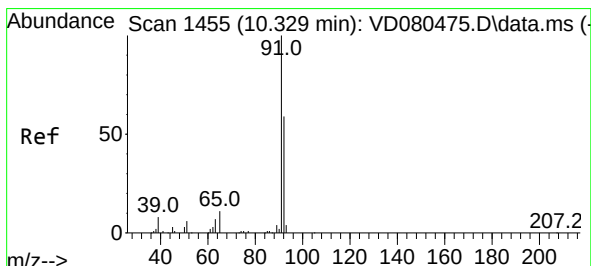
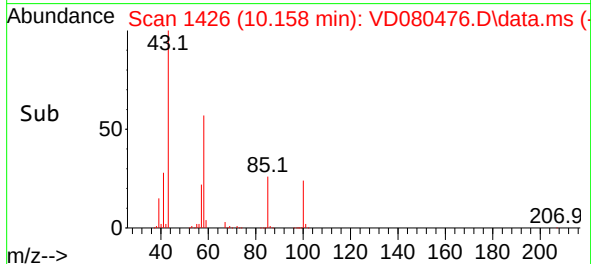
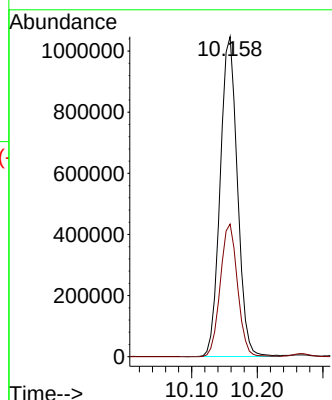
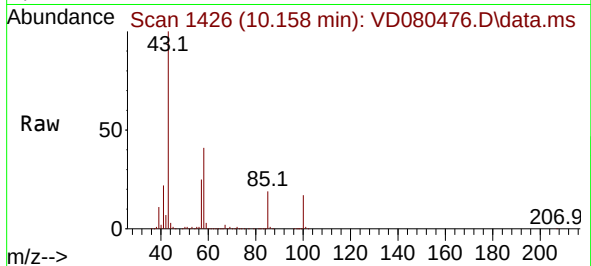




#51
4-Methyl-2-Pentanone
Concen: 506.131 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

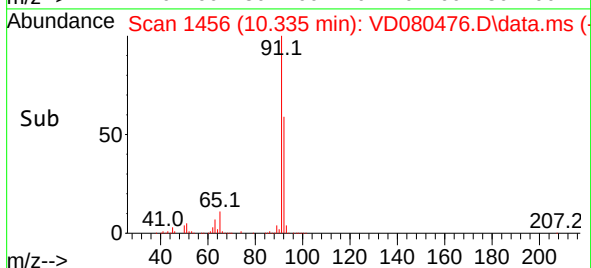
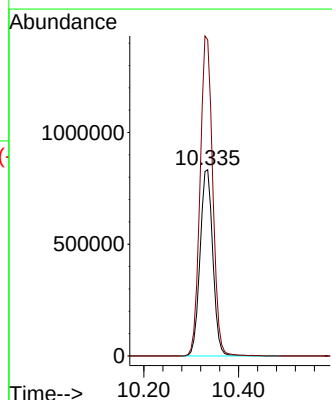
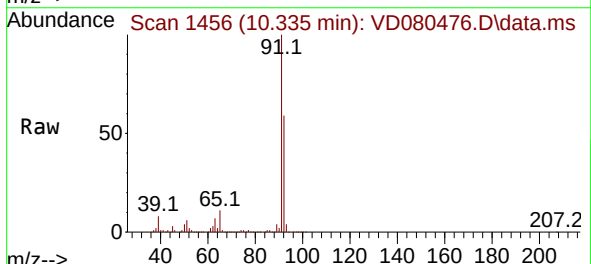
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

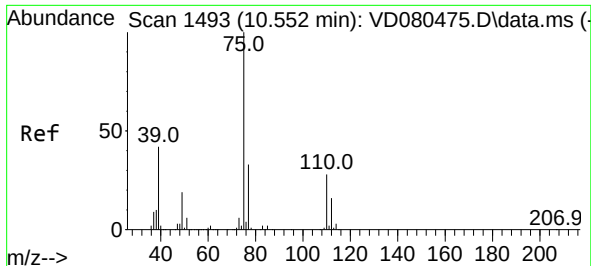
Tgt Ion: 43 Resp: 1905991
Ion Ratio Lower Upper
43 100
58 41.6 33.3 49.9



#52
Toluene
Concen: 100.173 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 92 Resp: 1557947
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7

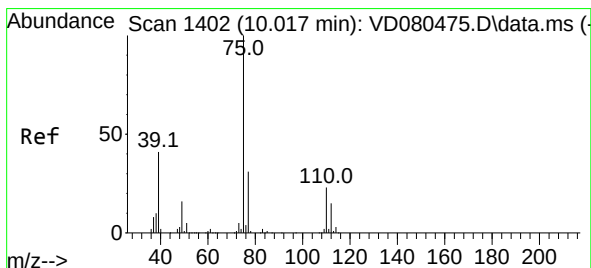
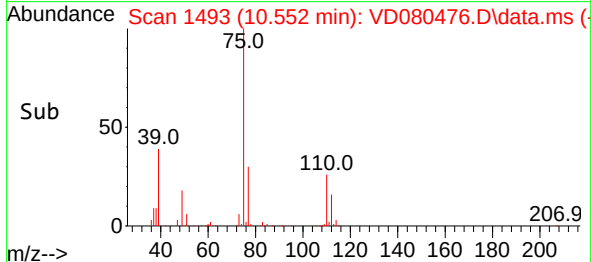
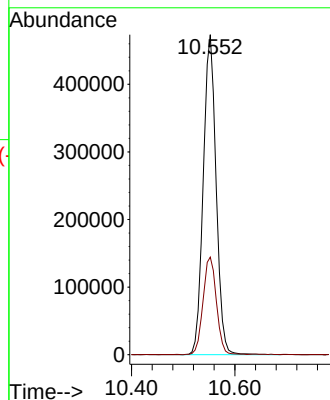
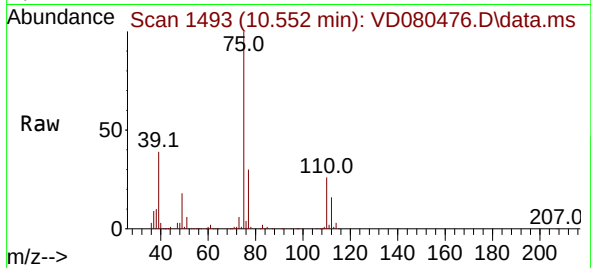




#53
t-1,3-Dichloropropene
Concen: 101.998 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

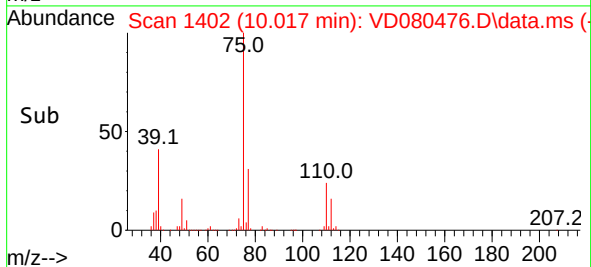
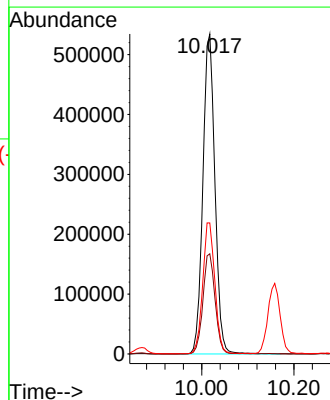
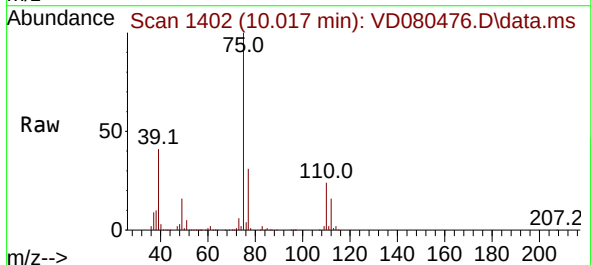
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

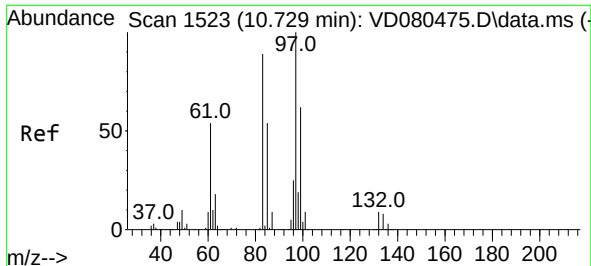
Tgt Ion: 75 Resp: 814921
Ion Ratio Lower Upper
75 100
77 30.4 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 101.691 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 75 Resp: 976056
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3
39 40.9 32.5 48.7



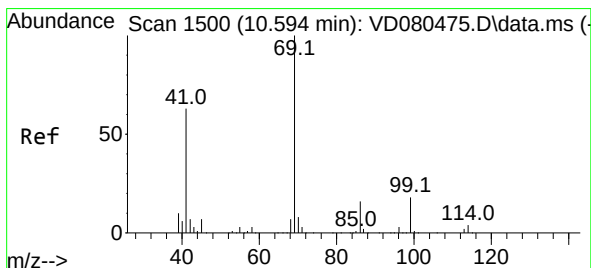
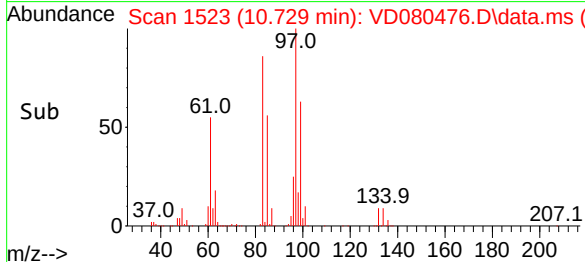
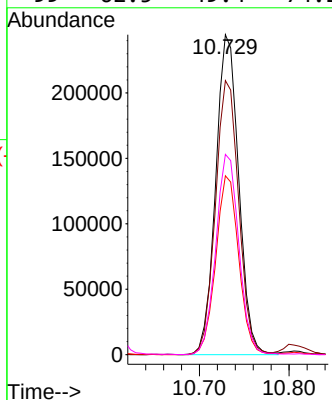
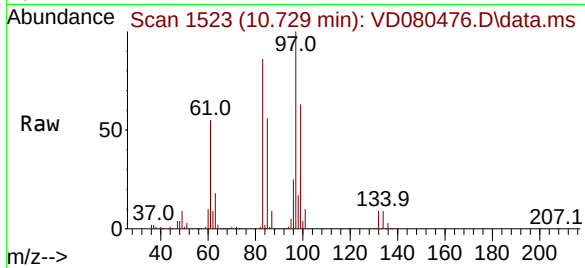


#55
1,1,2-Trichloroethane
Concen: 99.266 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 435406

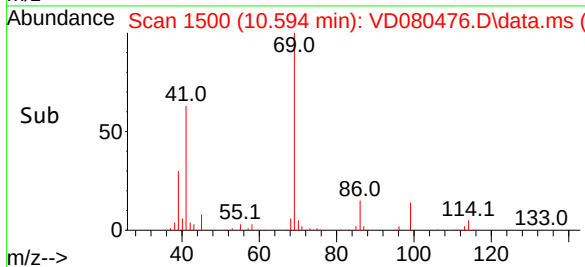
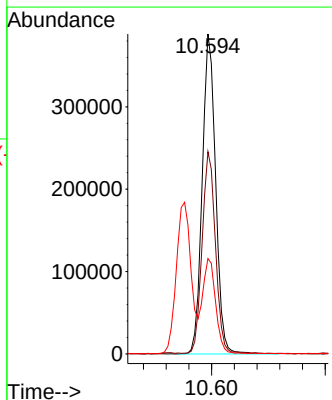
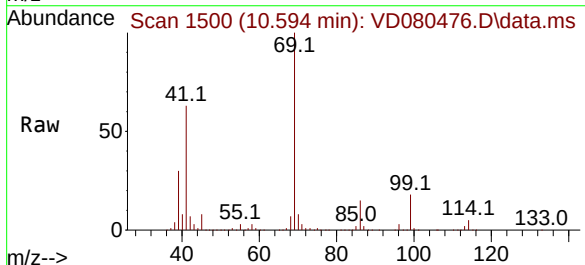
Ion	Ratio	Lower	Upper
97	100		
83	85.6	71.4	107.2
85	55.9	43.4	65.2
99	62.5	49.4	74.2

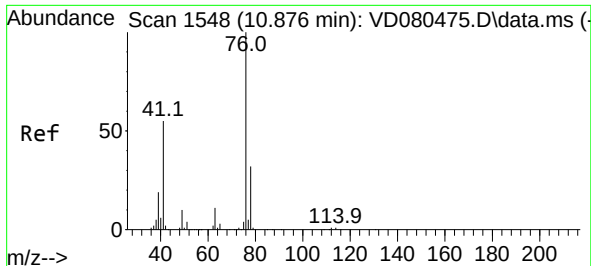


#56
Ethyl methacrylate
Concen: 101.293 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 69 Resp: 634186

Ion	Ratio	Lower	Upper
69	100		
41	62.5	50.7	76.1
39	28.5	23.4	35.2





#57

1,3-Dichloropropane

Concen: 100.763 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

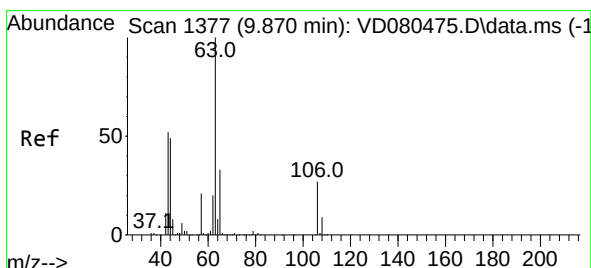
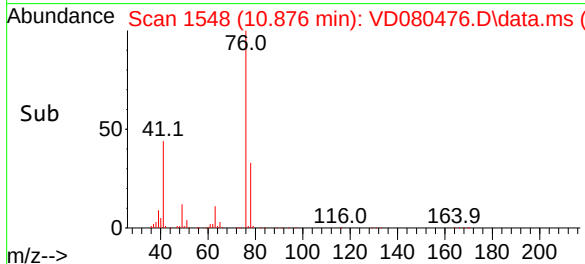
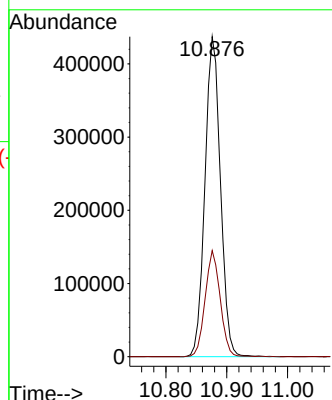
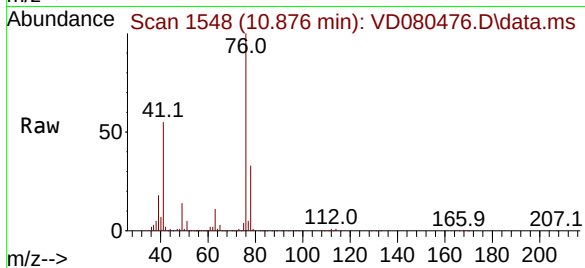
VSTDICC100

Tgt Ion: 76 Resp: 773300

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 496.334 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080476.D

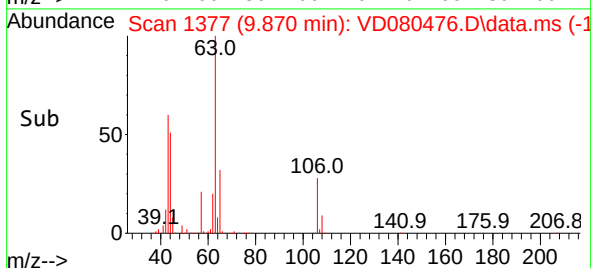
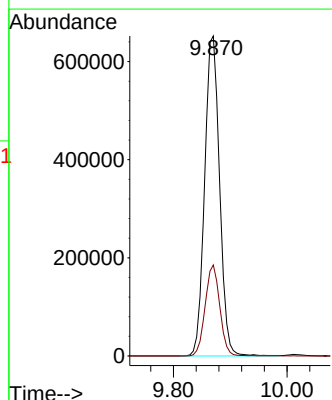
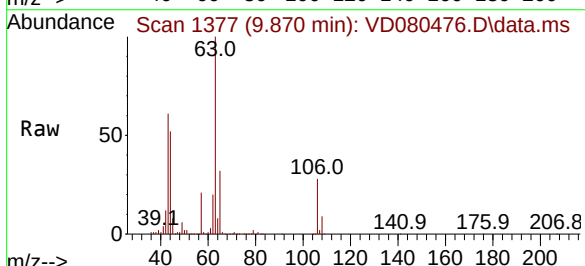
Acq: 26 Jun 2025 11:47

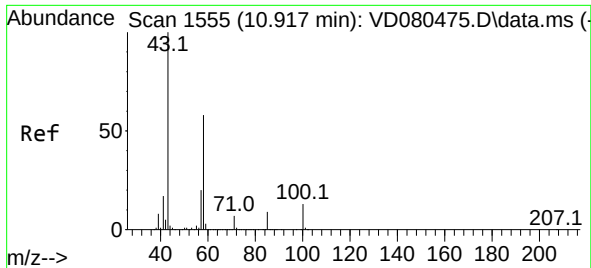
Tgt Ion: 63 Resp: 1186815

Ion Ratio Lower Upper

63 100

106 27.8 21.7 32.5

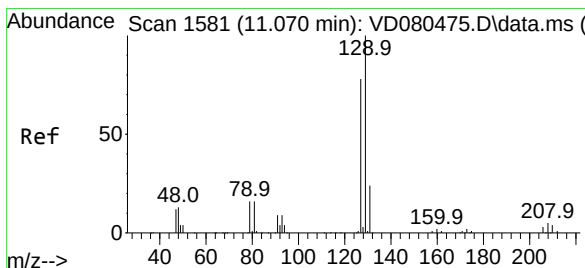
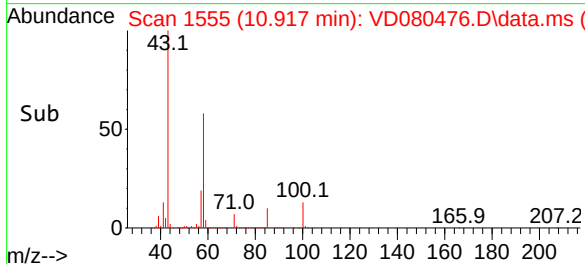
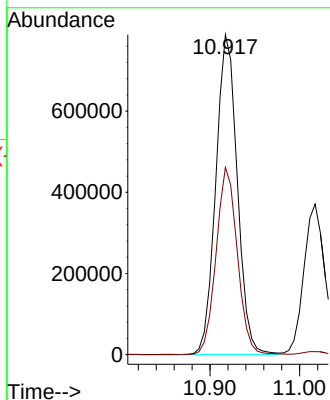
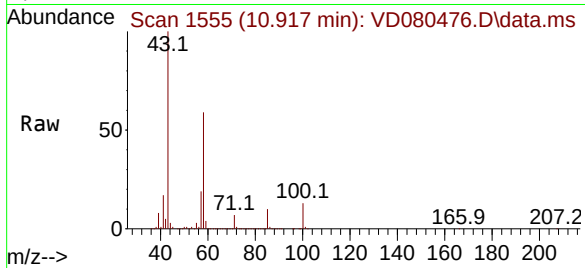




#59
2-Hexanone
Concen: 490.250 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

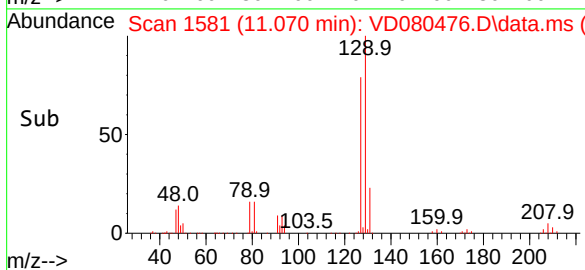
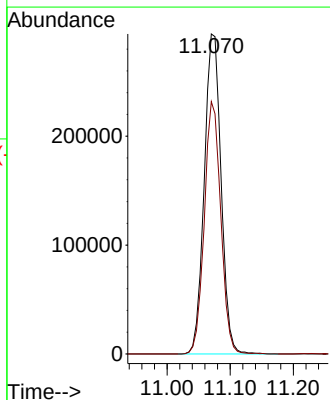
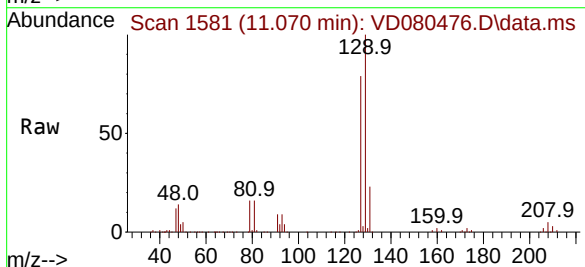
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

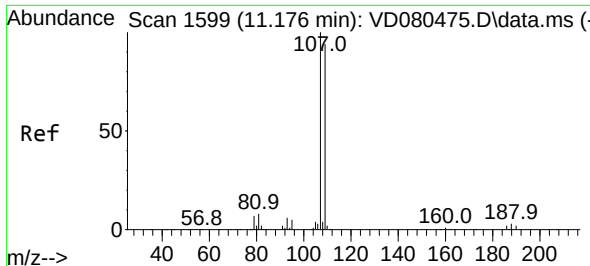
Tgt Ion: 43 Resp: 1306633
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1



#60
Dibromochloromethane
Concen: 100.244 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 129 Resp: 542702
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2

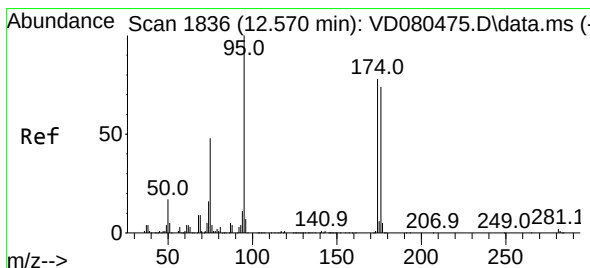
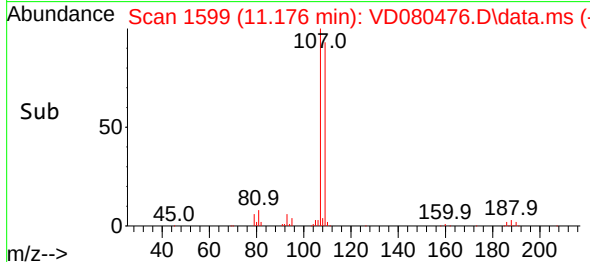
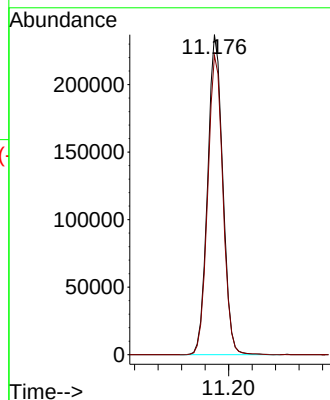
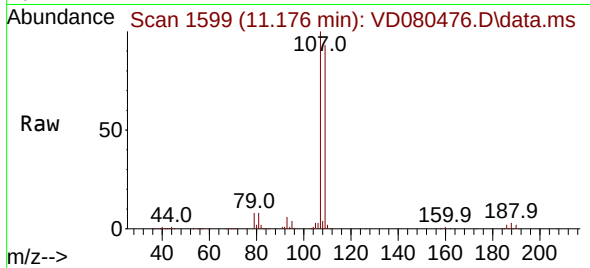




#61
1,2-Dibromoethane
Concen: 101.268 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

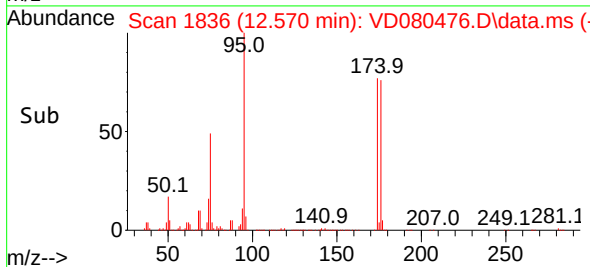
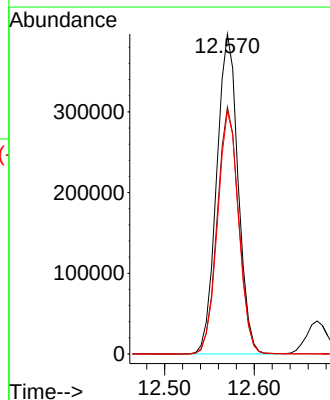
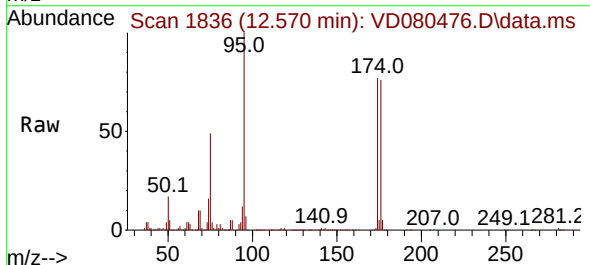
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

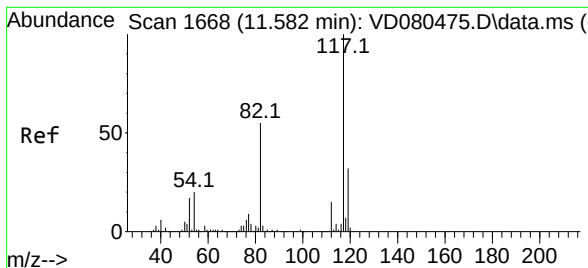
Tgt Ion:107 Resp: 424713
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 99.962 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 95 Resp: 657307
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.0
176 74.7 0.0 149.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

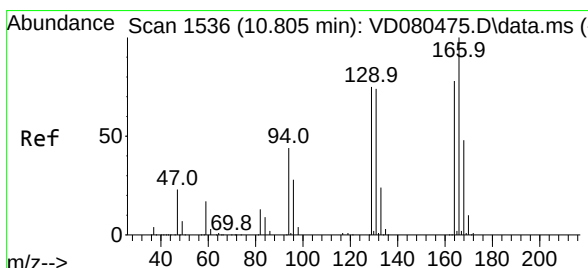
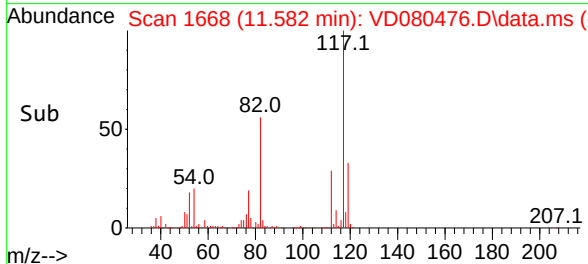
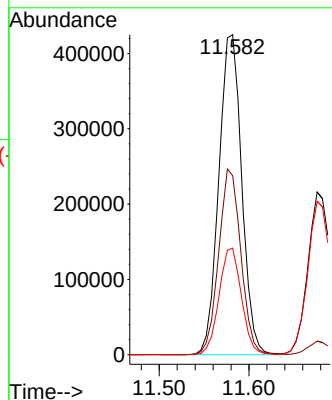
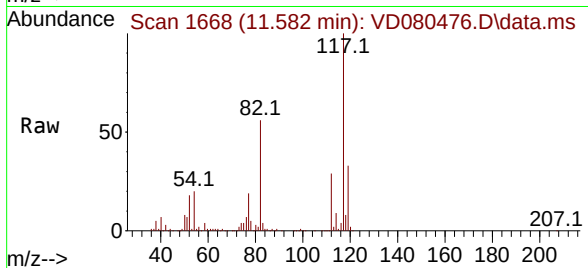
Tgt Ion:117 Resp: 753704

Ion Ratio Lower Upper

117 100

82 55.9 43.7 65.5

119 33.3 25.8 38.6



#64

Tetrachloroethene

Concen: 102.345 ug/l

RT: 10.805 min Scan# 1536

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Tgt Ion:164 Resp: 478765

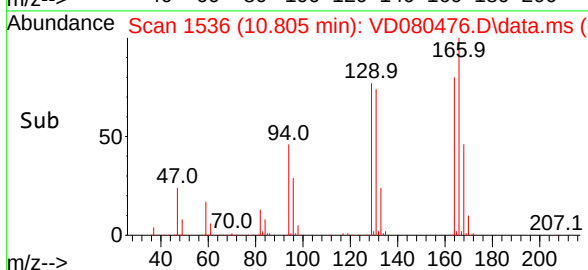
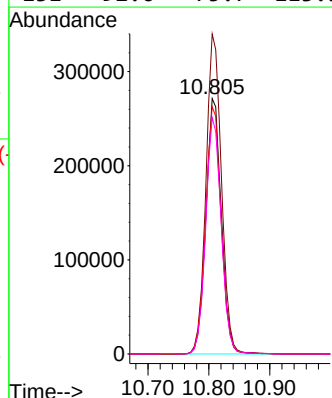
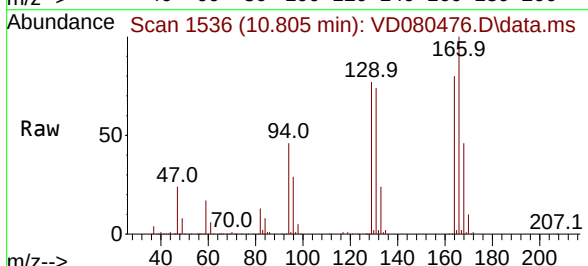
Ion Ratio Lower Upper

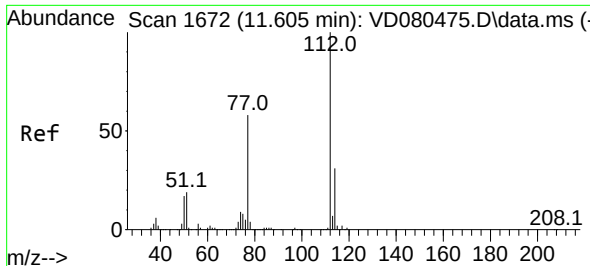
164 100

166 125.3 102.6 153.8

129 96.8 76.6 115.0

131 92.6 75.7 113.5

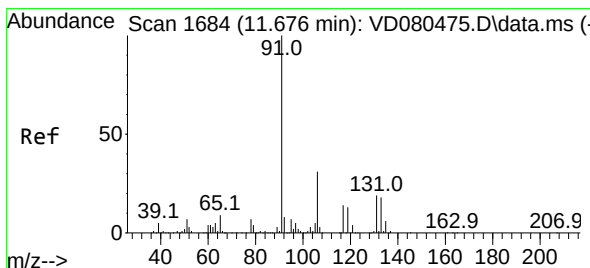
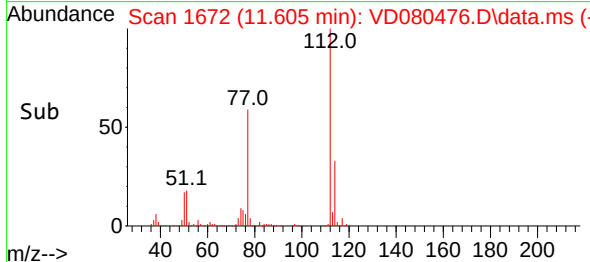
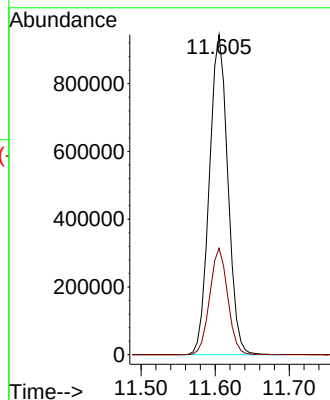
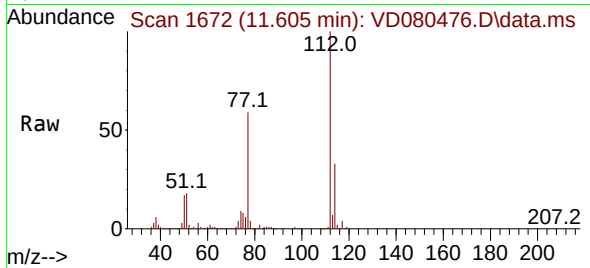




#65
Chlorobenzene
Concen: 100.662 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

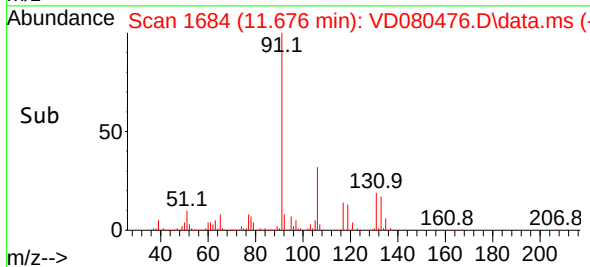
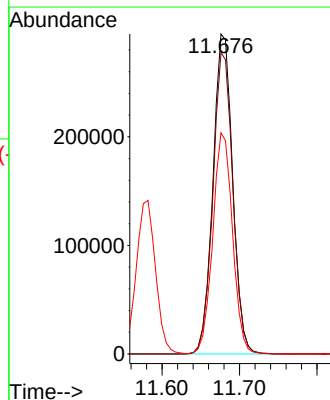
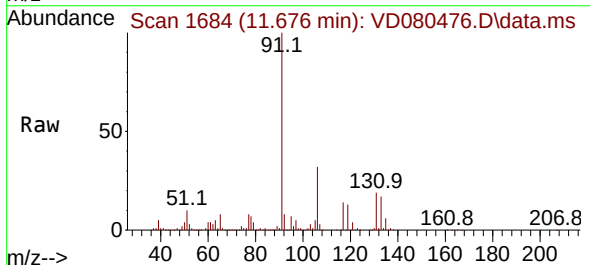
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

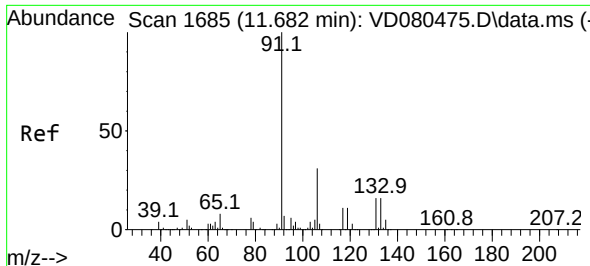
Tgt Ion:112 Resp: 1636326
Ion Ratio Lower Upper
112 100
114 33.3 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 101.919 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion:131 Resp: 520687
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.8
119 69.3 34.9 104.7

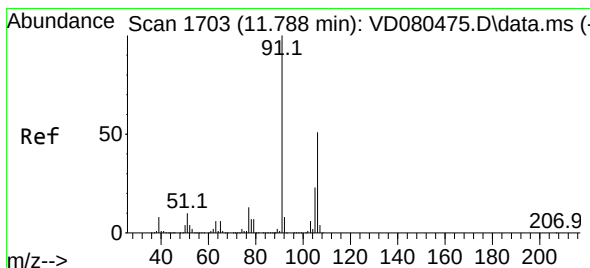
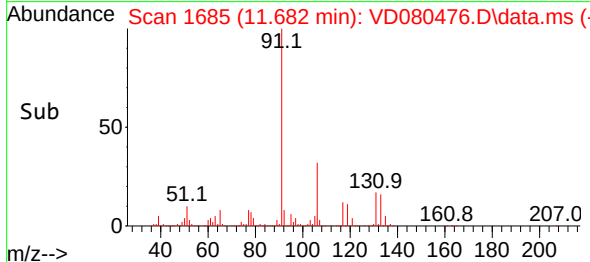
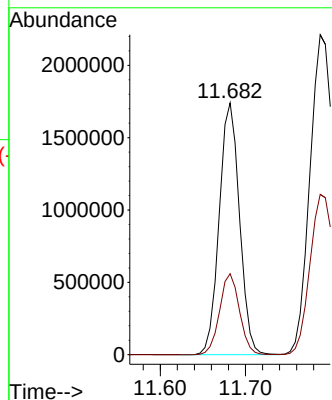
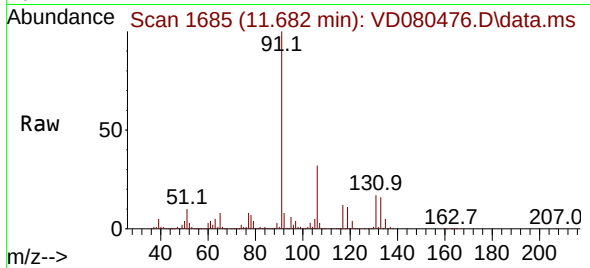




#67
Ethyl Benzene
Concen: 101.209 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

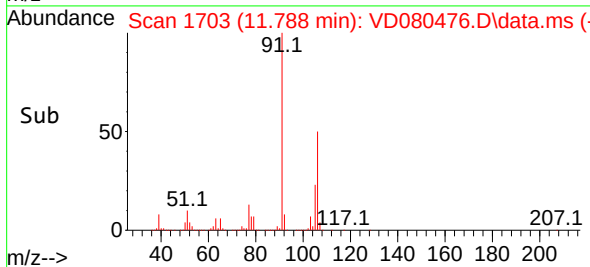
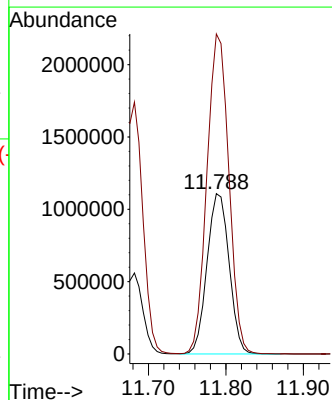
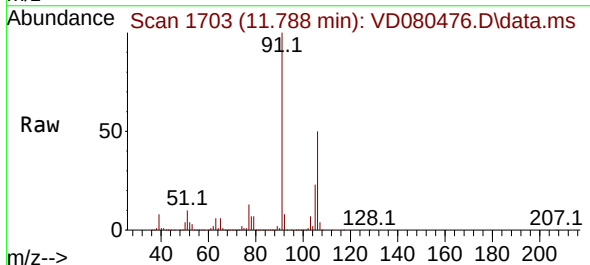
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

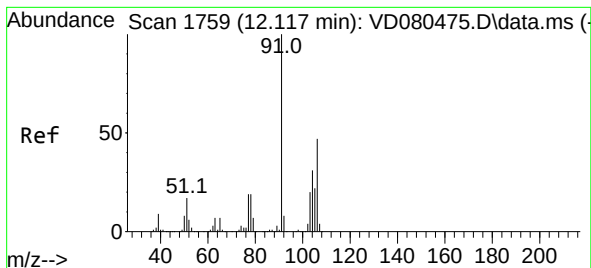
Tgt Ion: 91 Resp: 2877559
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.4



#68
m/p-Xylenes
Concen: 202.488 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion:106 Resp: 2192278
Ion Ratio Lower Upper
106 100
91 198.0 159.9 239.9

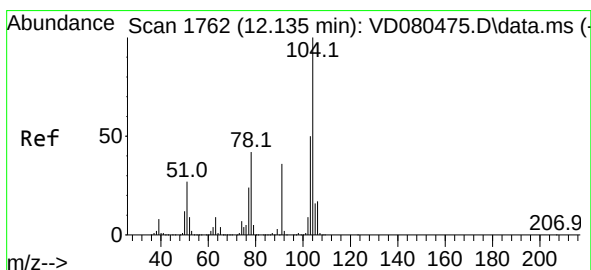
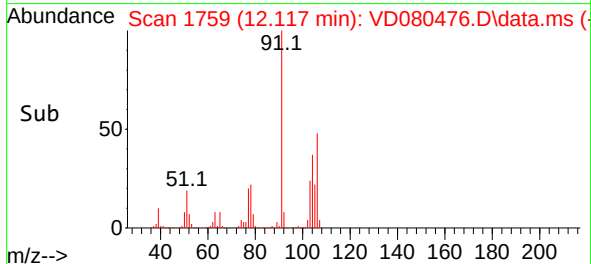
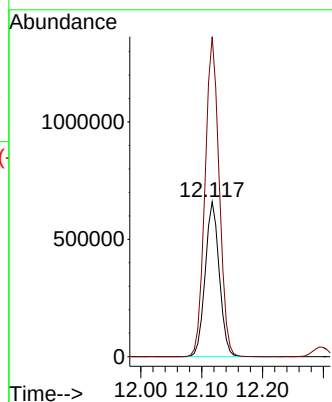
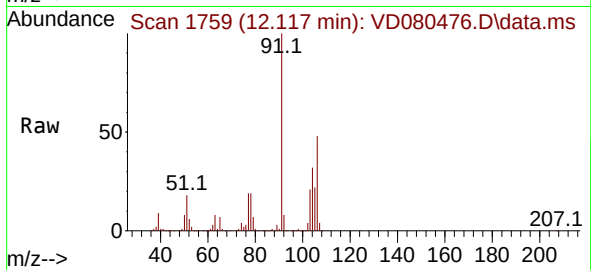




#69
o-Xylene
Concen: 101.253 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

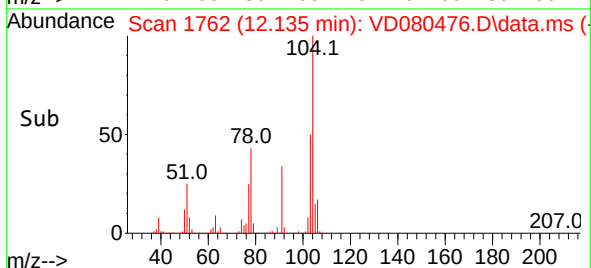
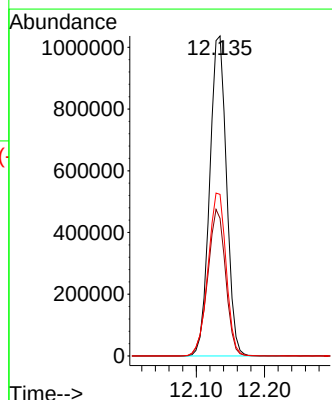
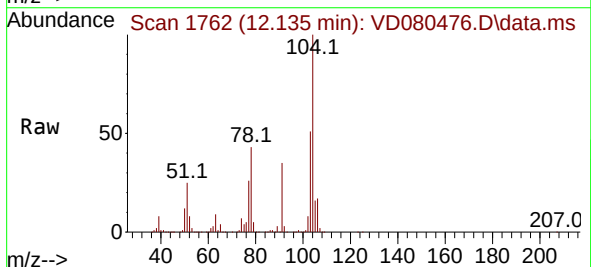
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

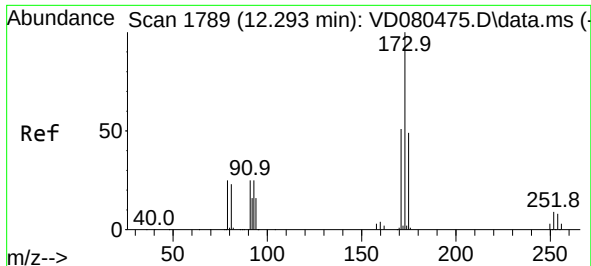
Tgt Ion:106 Resp: 1057845
Ion Ratio Lower Upper
106 100
91 208.2 106.5 319.6



#70
Styrene
Concen: 100.807 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion:104 Resp: 1781417
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.8 44.1 66.1

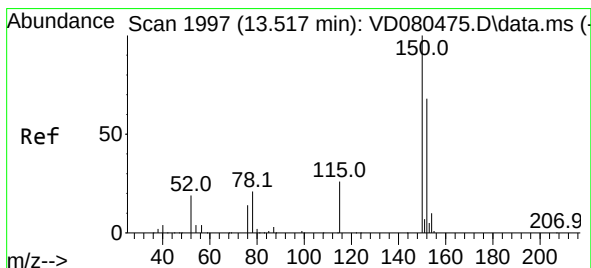
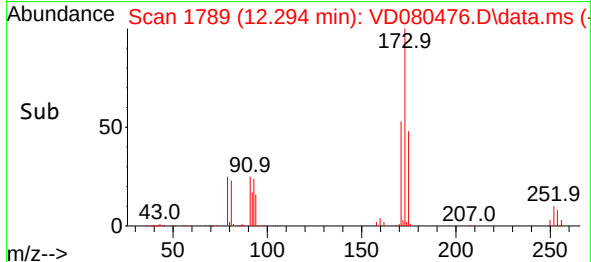
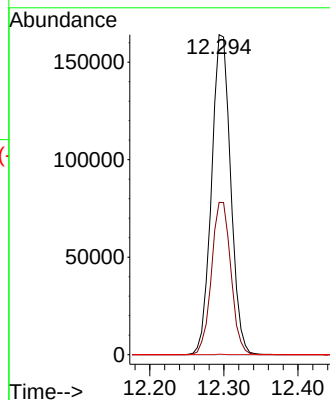
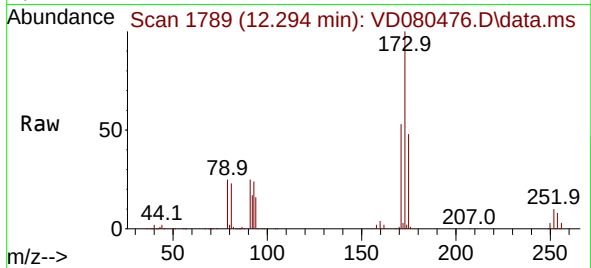




#71
Bromoform
Concen: 101.098 ug/l
RT: 12.294 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

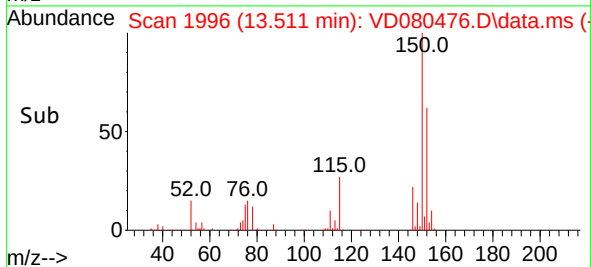
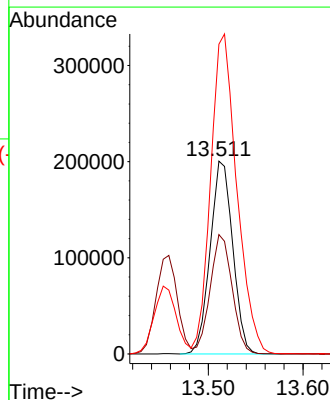
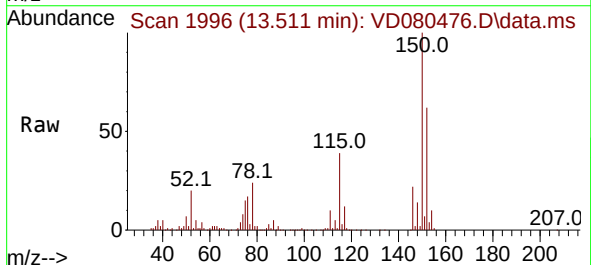
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

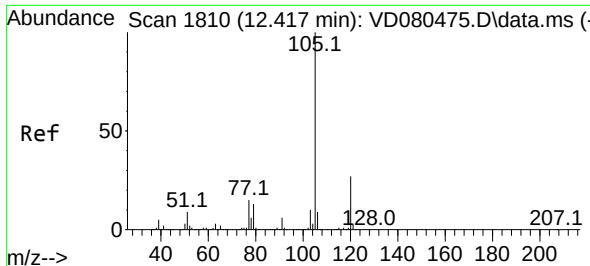
Tgt Ion:173 Resp: 294157
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.511 min Scan# 1996
Delta R.T. -0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion:152 Resp: 332568
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 192.3 0.0 350.2

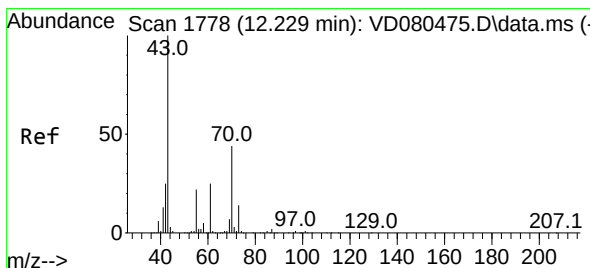
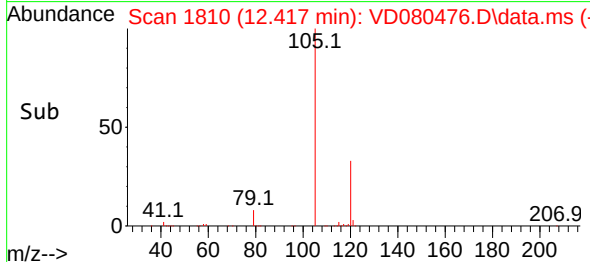
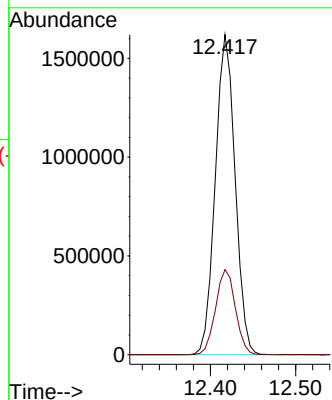
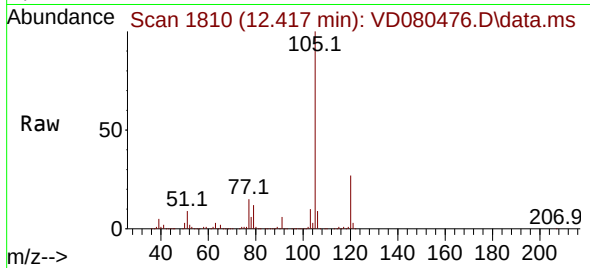




#73
Isopropylbenzene
Concen: 101.063 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

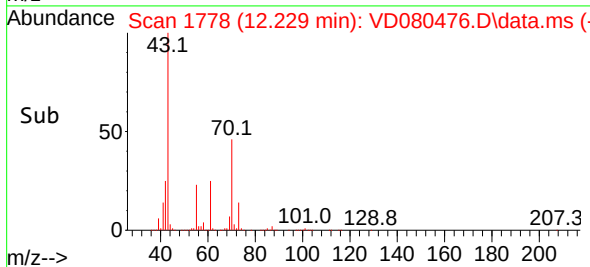
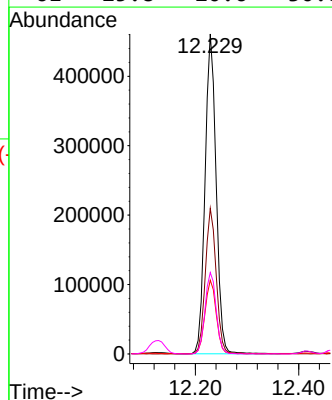
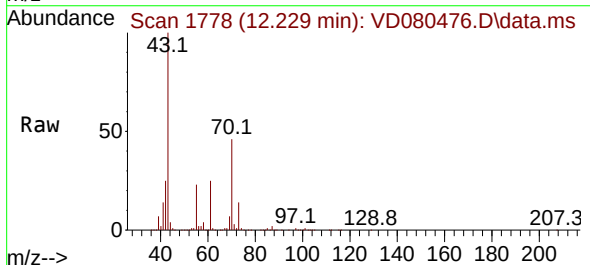
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

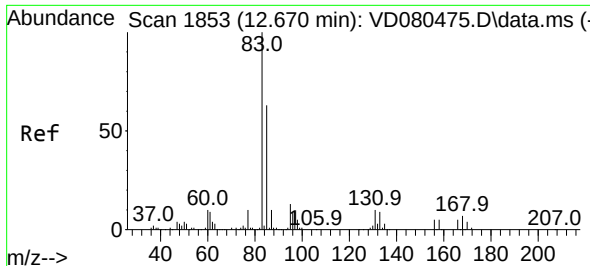
Tgt Ion:105 Resp: 2612764
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 100.868 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 43 Resp: 682810
Ion Ratio Lower Upper
43 100
70 45.1 35.4 53.2
55 23.4 18.8 28.2
61 25.8 20.6 30.8

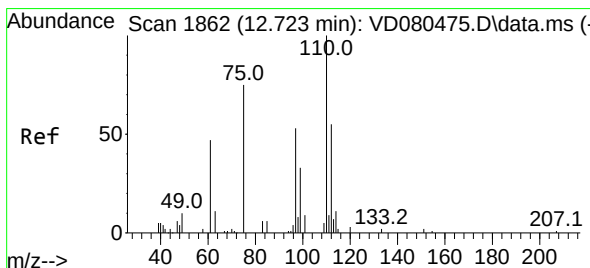
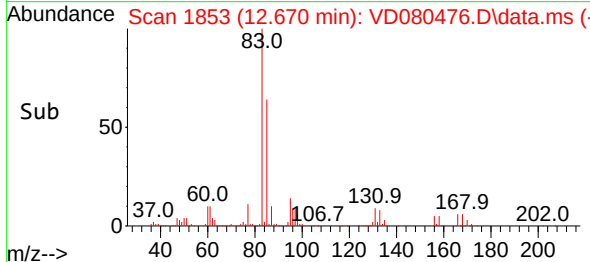
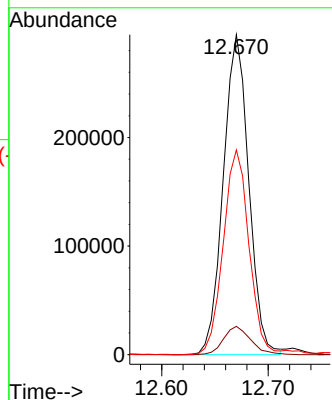
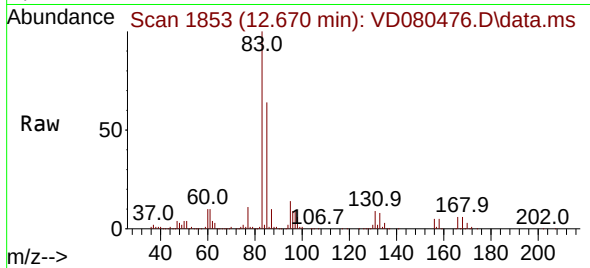




#75
 1,1,2-Tetrachloroethane
 Concen: 101.592 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

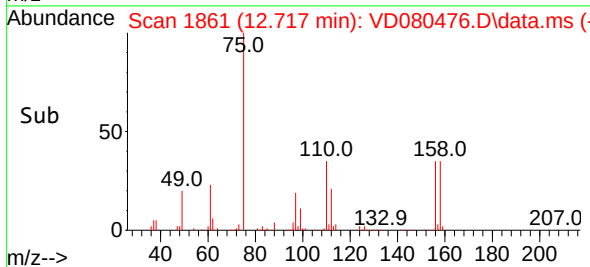
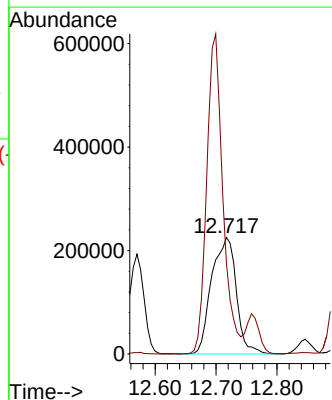
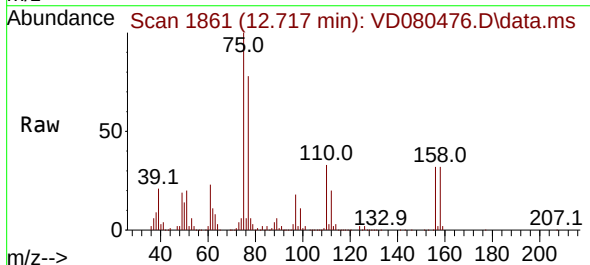
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

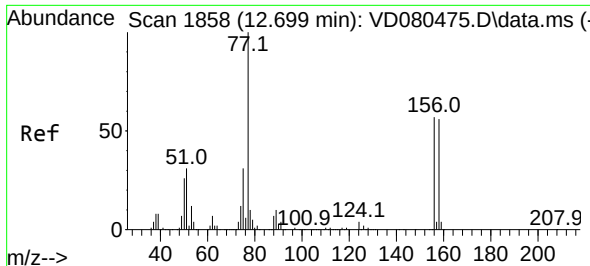
Tgt Ion: 83 Resp: 489059
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.3
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 222.288 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

Tgt Ion: 75 Resp: 633334
 Ion Ratio Lower Upper
 75 100
 77 180.8 0.0 0.0#

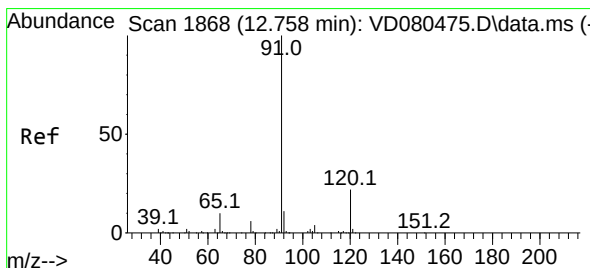
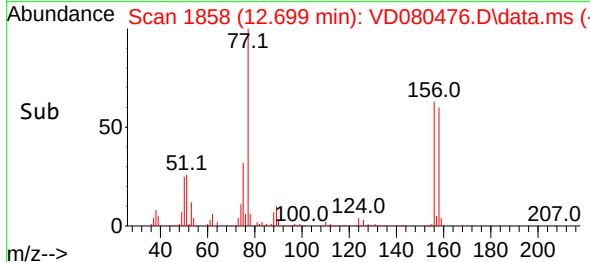
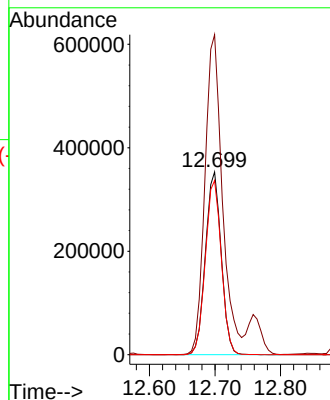
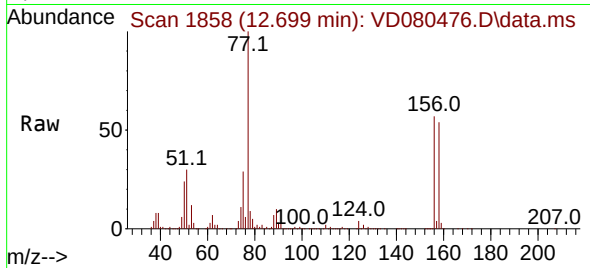




#77
Bromobenzene
Concen: 102.409 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

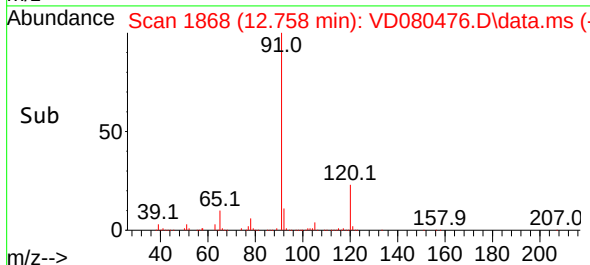
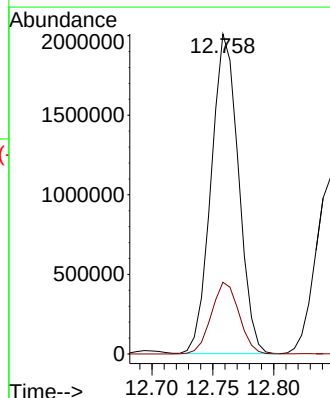
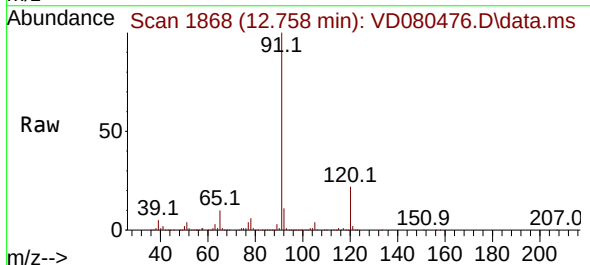
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

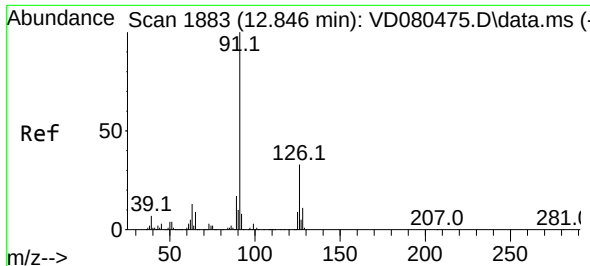
Tgt Ion:156 Resp: 592083
Ion Ratio Lower Upper
156 100
77 193.4 97.3 291.8
158 96.7 48.5 145.6



#78
n-propylbenzene
Concen: 100.913 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 91 Resp: 3140526
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

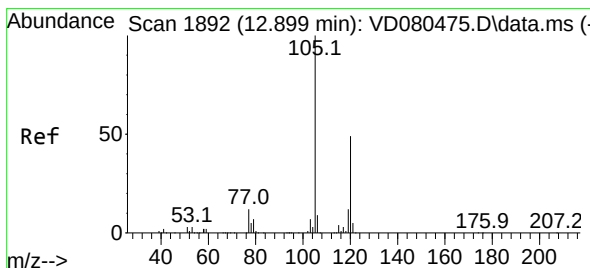
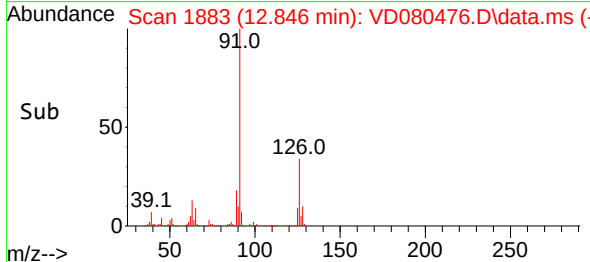
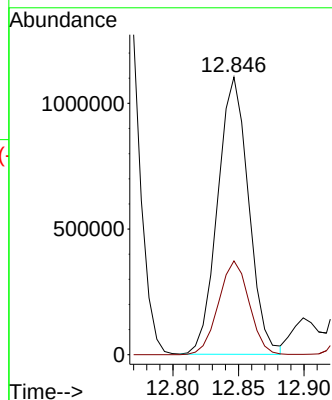
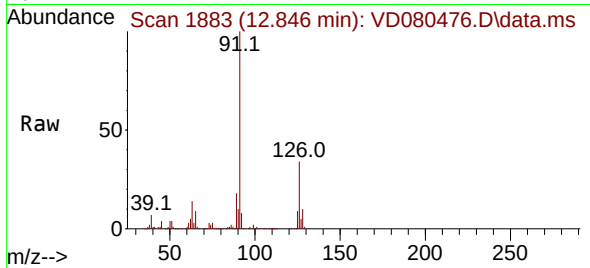




#79
2-Chlorotoluene
Concen: 101.438 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

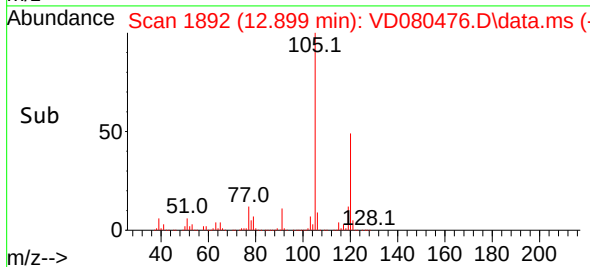
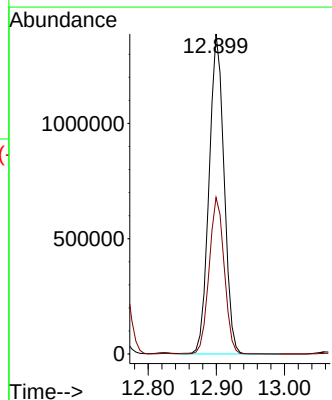
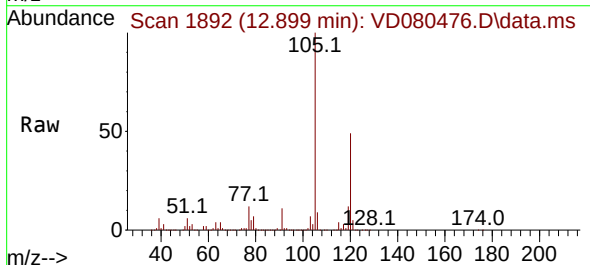
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

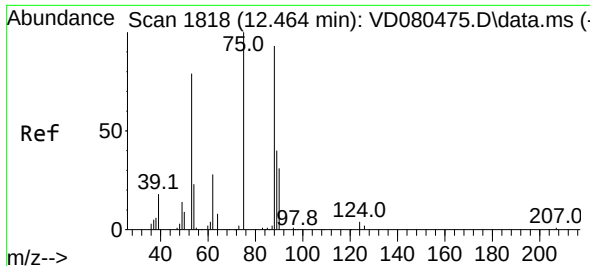
Tgt Ion: 91 Resp: 1815605
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 101.344 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 105 Resp: 2124650
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5

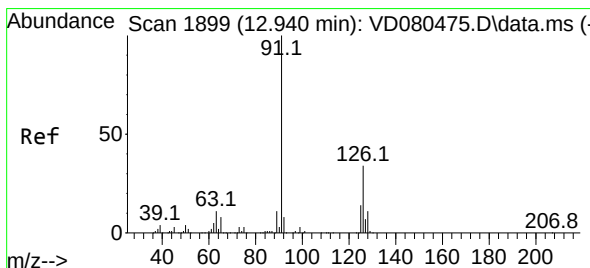
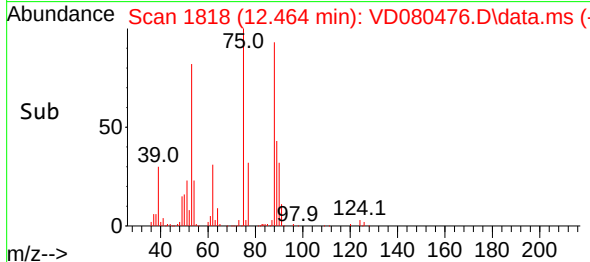
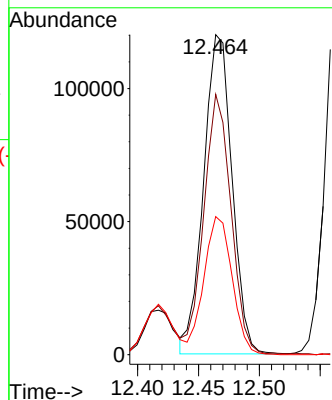
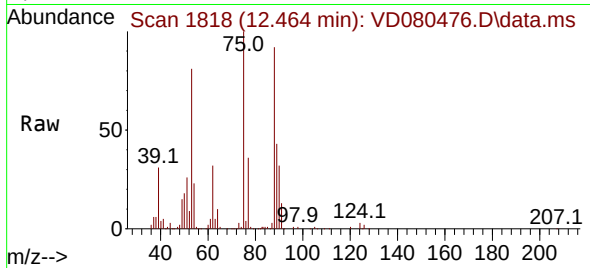




#81
trans-1,4-Dichloro-2-butene
Concen: 102.419 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

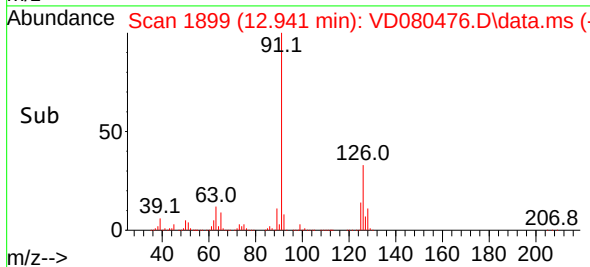
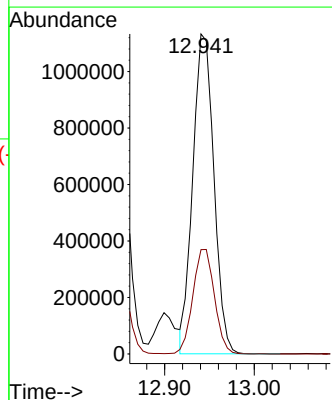
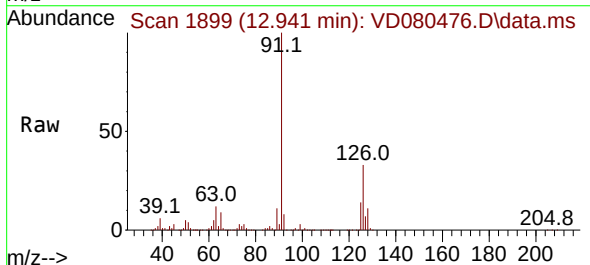
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

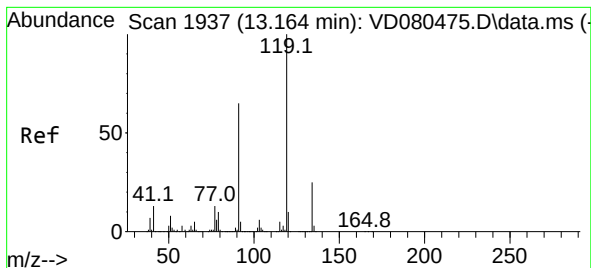
Tgt Ion: 75 Resp: 194848
Ion Ratio Lower Upper
75 100
53 78.2 61.5 92.3
89 42.9 33.0 49.6



#82
4-Chlorotoluene
Concen: 100.606 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 91 Resp: 1849585
Ion Ratio Lower Upper
91 100
126 33.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 100.884 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

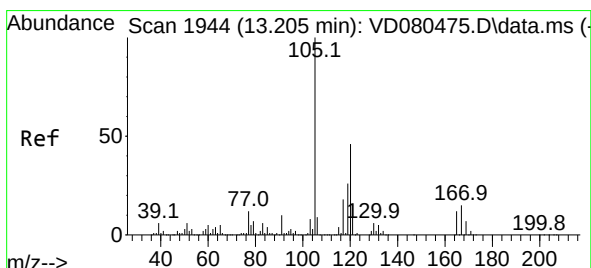
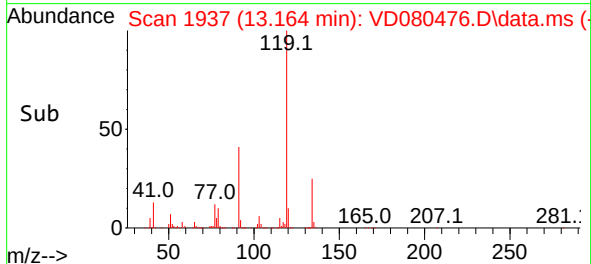
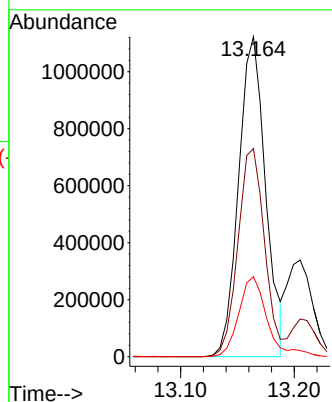
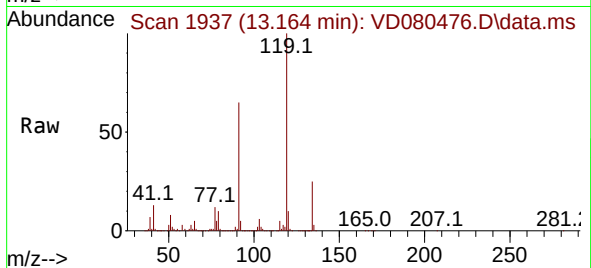
Tgt Ion:119 Resp: 1849894

Ion Ratio Lower Upper

119 100

91 64.0 32.4 97.2

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 100.438 ug/l

RT: 13.205 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VD080476.D

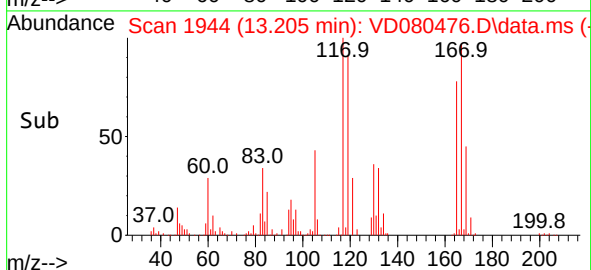
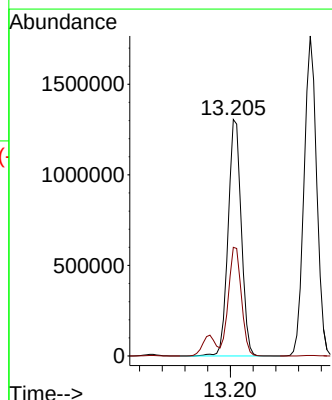
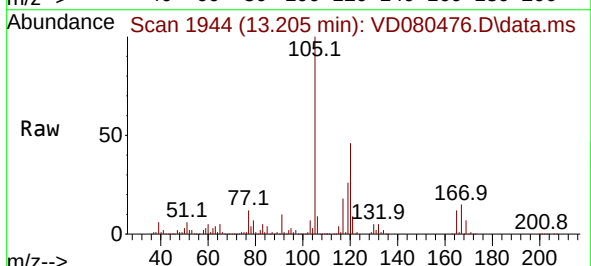
Acq: 26 Jun 2025 11:47

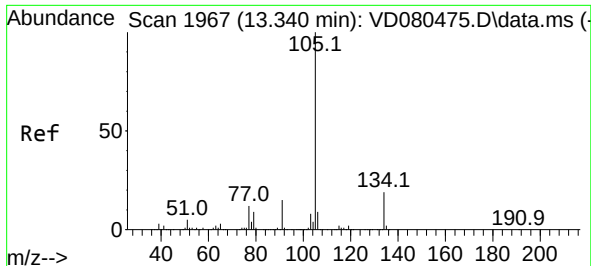
Tgt Ion:105 Resp: 2102190

Ion Ratio Lower Upper

105 100

120 45.3 22.8 68.3

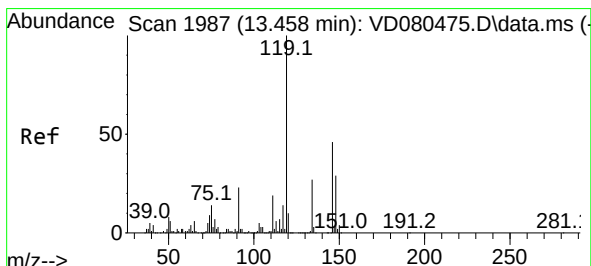
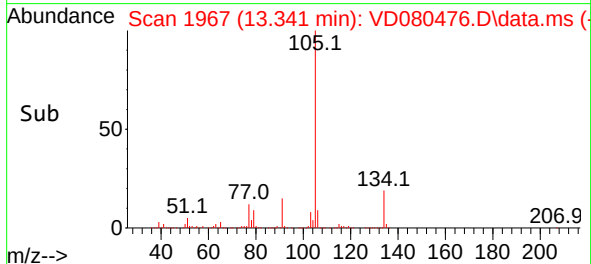
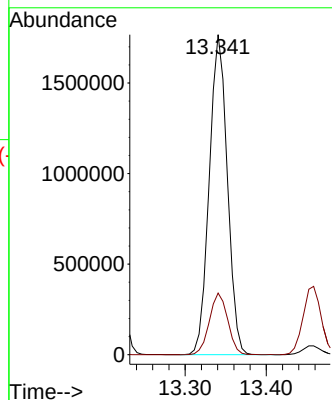
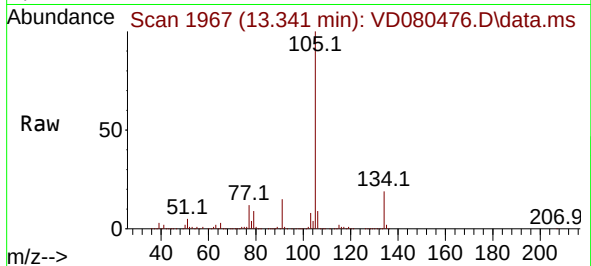




#85
 sec-Butylbenzene
 Concen: 100.730 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

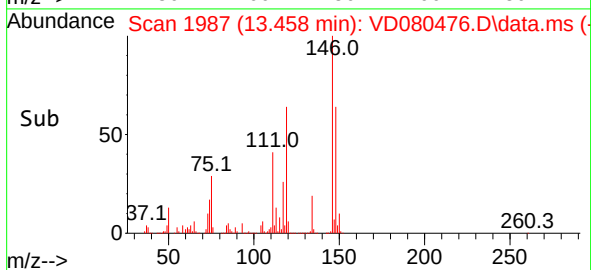
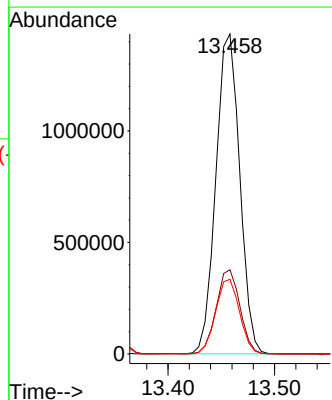
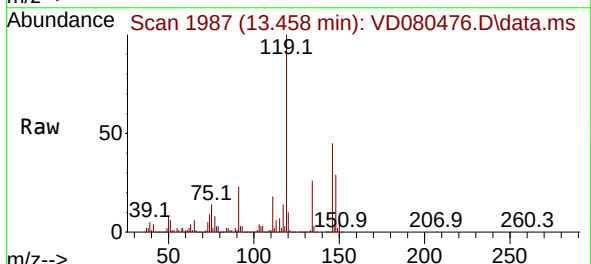
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

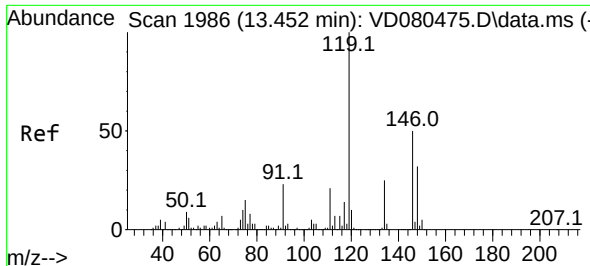
Tgt Ion:105 Resp: 2728150
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 99.443 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

Tgt Ion:119 Resp: 2228825
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 23.4 11.5 34.5

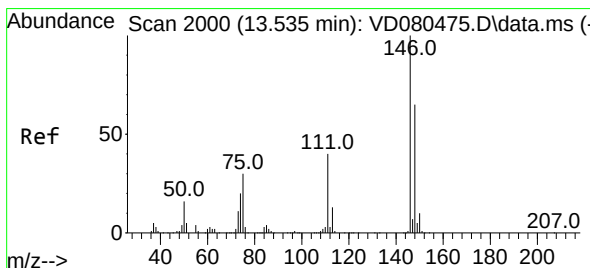
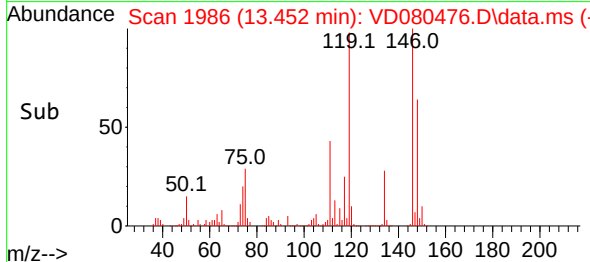
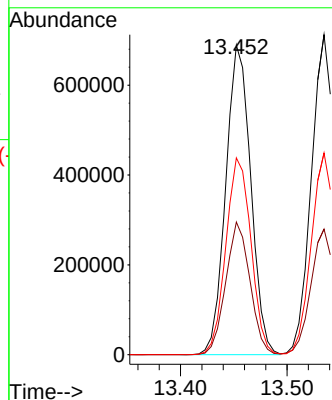
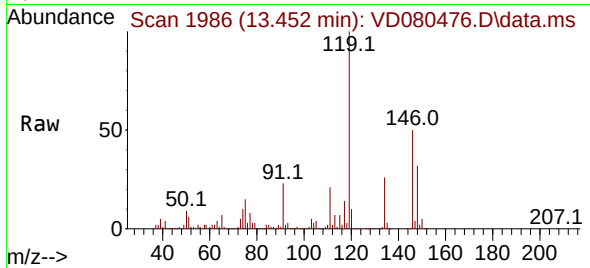




#87
 1,3-Dichlorobenzene
 Concen: 100.485 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

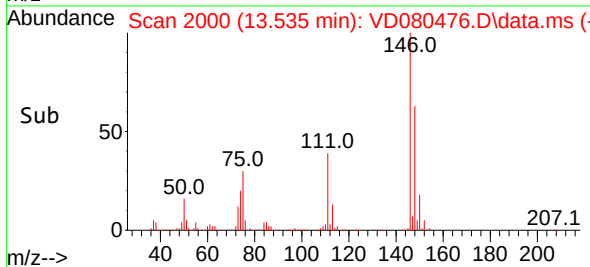
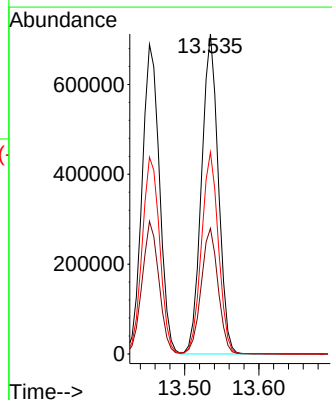
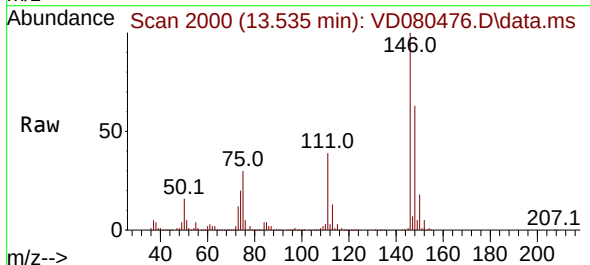
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

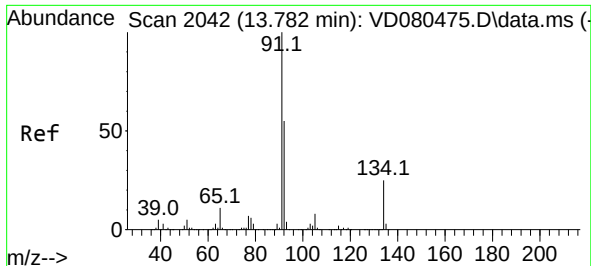
Tgt Ion:146 Resp: 1123591
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 64.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 100.389 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

Tgt Ion:146 Resp: 1120455
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 63.5 32.1 96.3

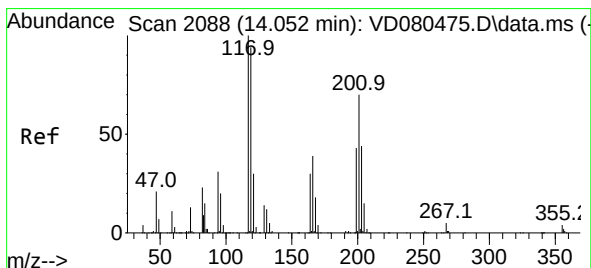
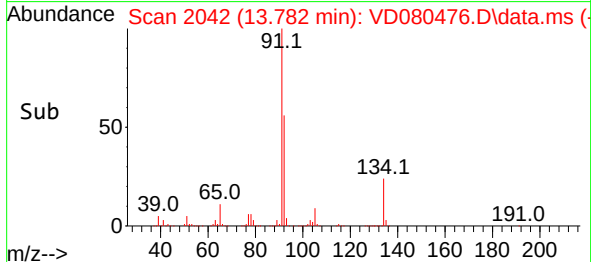
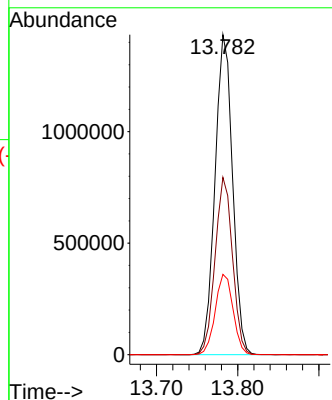
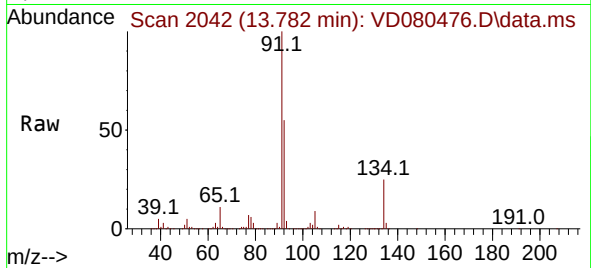




#89
n-Butylbenzene
Concen: 100.309 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

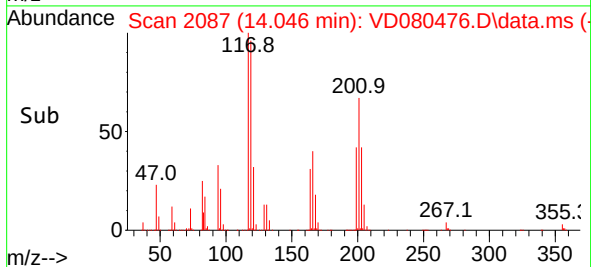
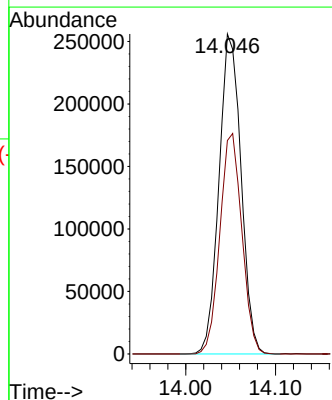
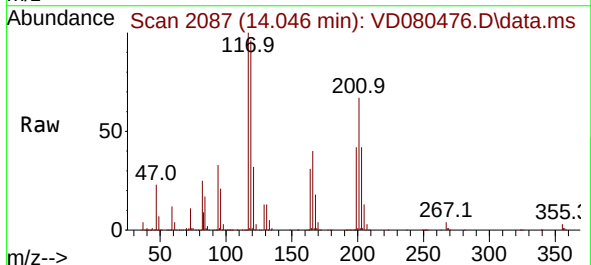
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

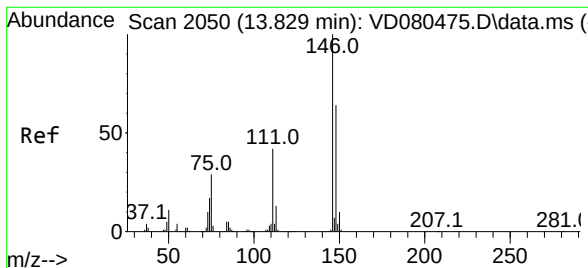
Tgt Ion: 91 Resp: 2157745
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 25.6 12.6 37.8



#90
Hexachloroethane
Concen: 100.826 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VD080476.D
Acq: 26 Jun 2025 11:47

Tgt Ion: 117 Resp: 436610
Ion Ratio Lower Upper
117 100
201 68.7 34.2 102.5

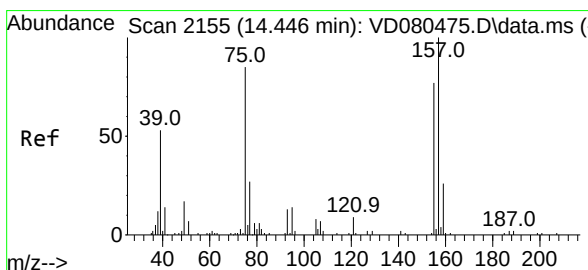
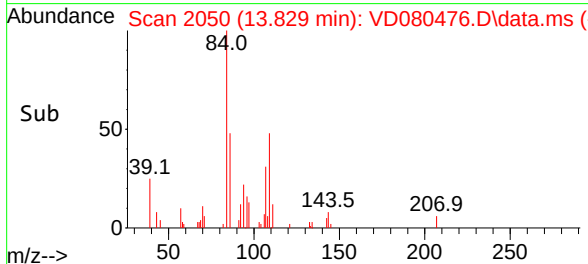
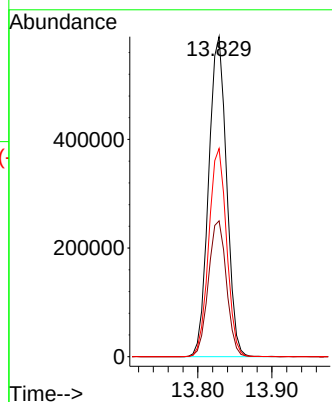
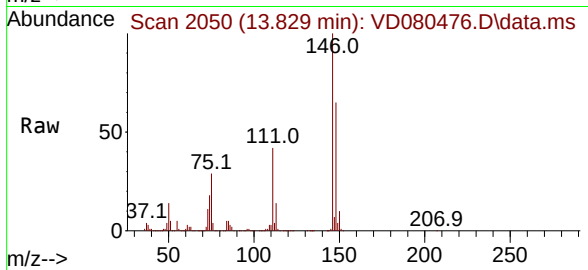




#91
 1,2-Dichlorobenzene
 Concen: 100.676 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

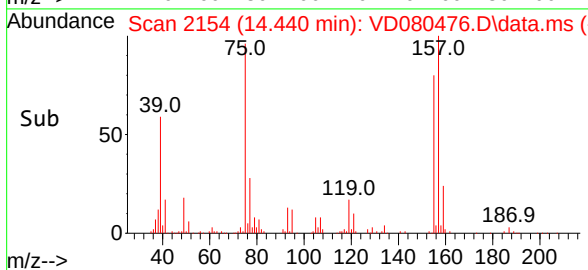
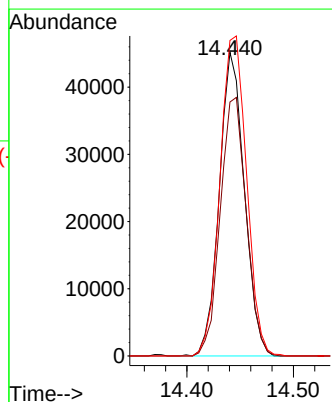
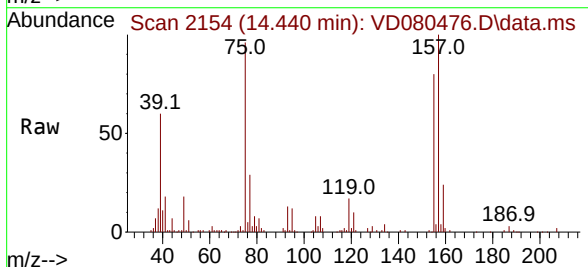
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

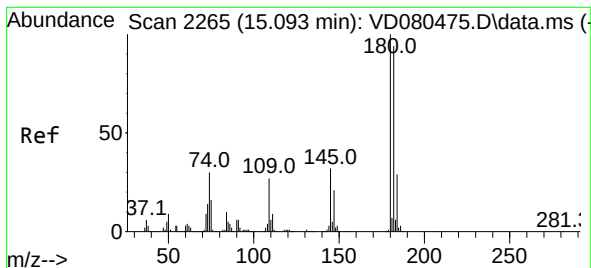
Tgt Ion:146 Resp: 990885
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.7
 148 64.6 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.566 ug/l
 RT: 14.440 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: VD080476.D
 Acq: 26 Jun 2025 11:47

Tgt Ion: 75 Resp: 73742
 Ion Ratio Lower Upper
 75 100
 155 88.2 45.6 136.8
 157 111.9 58.6 175.8





#93

1,2,4-Trichlorobenzene

Concen: 102.299 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

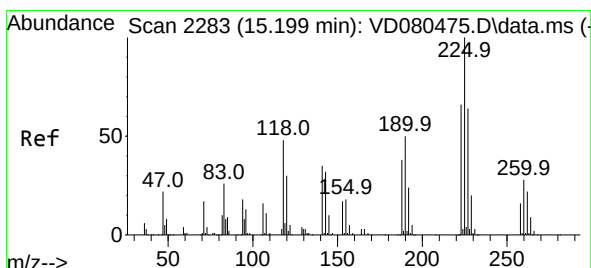
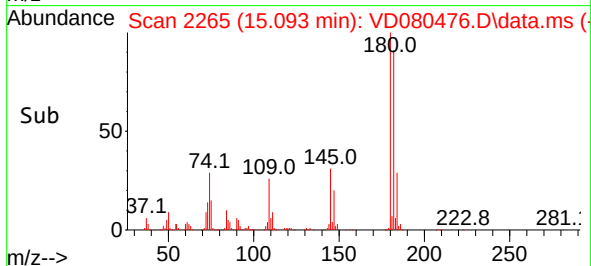
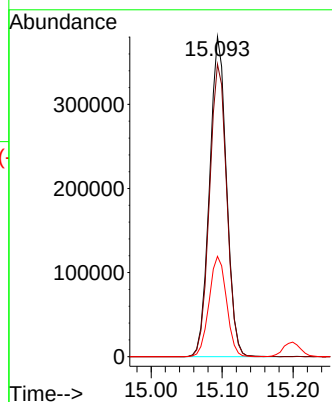
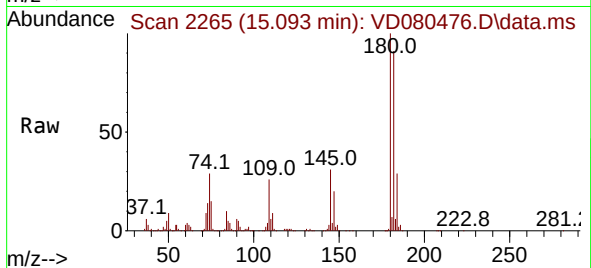
Tgt Ion:180 Resp: 630872

Ion Ratio Lower Upper

180 100

182 93.1 46.8 140.4

145 32.2 16.0 47.9



#94

Hexachlorobutadiene

Concen: 101.810 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

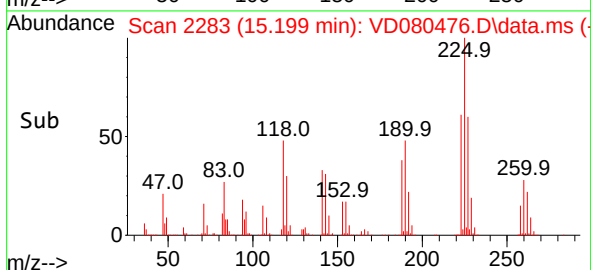
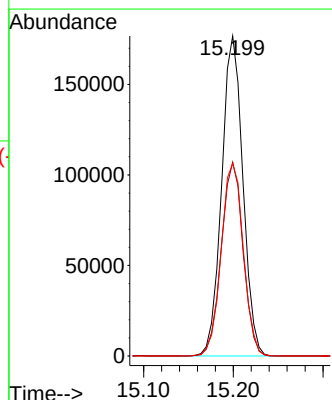
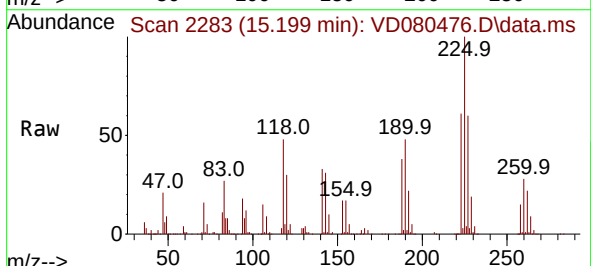
Tgt Ion:225 Resp: 289838

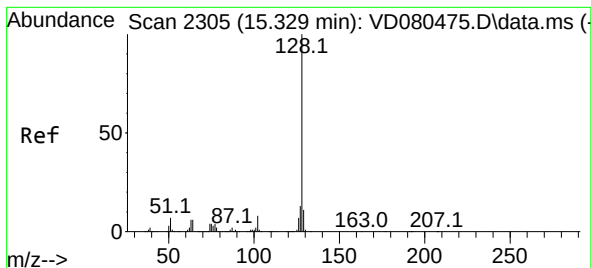
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.2

227 62.7 31.8 95.3





#95

Naphthalene

Concen: 102.346 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Instrument :

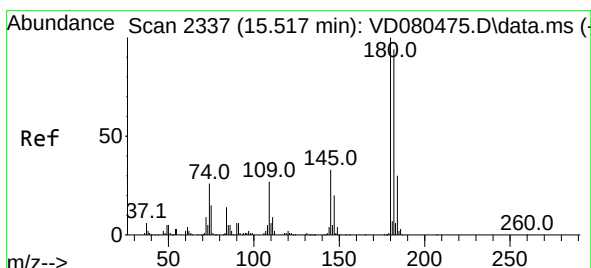
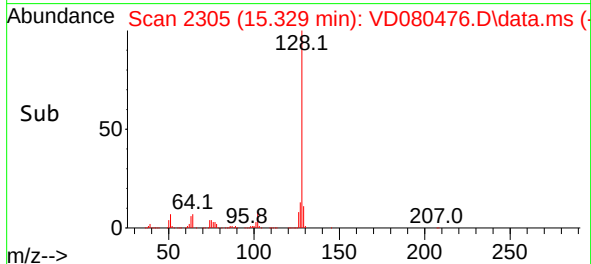
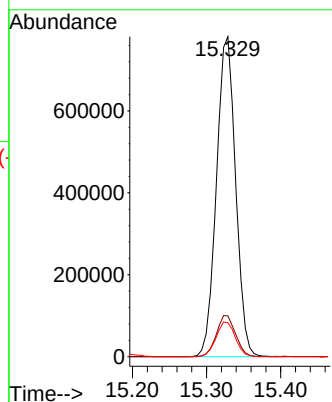
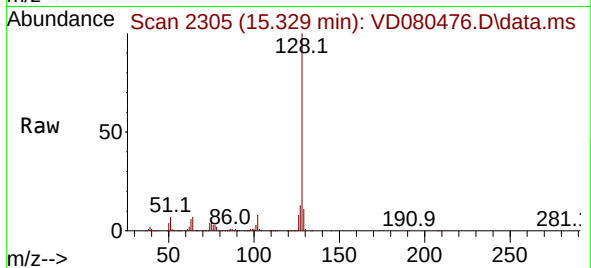
MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 1402444

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.6	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 102.984 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080476.D

Acq: 26 Jun 2025 11:47

Tgt Ion:180 Resp: 546082

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	141.9
145	33.2	16.7	50.1

