

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
 Data File : VD080407.D
 Acq On : 04 Jun 2025 10:20
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 05 02:00:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060425S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 05 01:47:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	188356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	310964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	287925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	150054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	214534	93.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.740%#	
35) Dibromofluoromethane	7.806	113	196085	100.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 201.800%#	
50) Toluene-d8	10.270	98	818576	107.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 215.620%#	
62) 4-Bromofluorobenzene	12.570	95	269207	112.906	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 225.820%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	178192	86.921	ug/l	99
3) Chloromethane	2.147	50	312672	86.412	ug/l	97
4) Vinyl Chloride	2.288	62	360389	88.761	ug/l	100
5) Bromomethane	2.694	94	205724	80.668	ug/l	97
6) Chloroethane	2.841	64	230840	87.855	ug/l	100
7) Trichlorofluoromethane	3.176	101	334413	91.172	ug/l	99
8) Diethyl Ether	3.588	74	111925	92.285	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	194424	89.131	ug/l	99
10) Methyl Iodide	4.165	142	240395	108.257	ug/l	98
11) Tert butyl alcohol	5.053	59	65286	456.939	ug/l #	92
12) 1,1-Dichloroethene	3.941	96	208119	93.192	ug/l	96
13) Acrolein	3.794	56	98183	450.541	ug/l	97
14) Allyl chloride	4.565	41	369367	98.052	ug/l	99
15) Acrylonitrile	5.253	53	272911	492.037	ug/l	99
16) Acetone	4.018	43	205037	439.226	ug/l	99
17) Carbon Disulfide	4.270	76	713255	91.755	ug/l	99
18) Methyl Acetate	4.565	43	139729	91.009	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	516880	103.480	ug/l	100
20) Methylene Chloride	4.800	84	242340	88.923	ug/l	92
21) trans-1,2-Dichloroethene	5.312	96	233911	97.020	ug/l	98
22) Diisopropyl ether	6.217	45	758752	101.872	ug/l	96
23) Vinyl Acetate	6.153	43	2245982	521.229	ug/l	100
24) 1,1-Dichloroethane	6.112	63	421372	93.547	ug/l	98
25) 2-Butanone	7.082	43	334259	489.025	ug/l	97
26) 2,2-Dichloropropane	7.076	77	340370	94.894	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	274479	101.085	ug/l	97
28) Bromochloromethane	7.423	49	184448	92.543	ug/l #	99
29) Tetrahydrofuran	7.447	42	227297	516.879	ug/l	99
30) Chloroform	7.594	83	420252	96.117	ug/l	95
31) Cyclohexane	7.882	56	381447	93.603	ug/l	96
32) 1,1,1-Trichloroethane	7.794	97	350996	95.994	ug/l	98
36) 1,1-Dichloropropene	8.006	75	298046	97.854	ug/l	99
37) Ethyl Acetate	7.170	43	153441	102.812	ug/l	98
38) Carbon Tetrachloride	7.994	117	296648	96.355	ug/l	98
39) Methylcyclohexane	9.276	83	384550	106.587	ug/l	97
40) Benzene	8.253	78	955541	100.756	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	92327	100.437	ug/l	93
42) 1,2-Dichloroethane	8.323	62	246233	95.369	ug/l	99
43) Isopropyl Acetate	8.364	43	293075	103.285	ug/l	98
44) Trichloroethene	9.029	130	220344	100.310	ug/l	99
45) 1,2-Dichloropropane	9.305	63	233045	99.788	ug/l	100
46) Dibromomethane	9.394	93	125569	100.993	ug/l	99
47) Bromodichloromethane	9.582	83	317623	100.585	ug/l	98
48) Methyl methacrylate	9.376	41	151983	109.207	ug/l	99
49) 1,4-Dioxane	9.388	88	30876	2226.153	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	782368	539.689	ug/l	98
52) Toluene	10.335	92	600666	108.893	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	310003	110.025	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	360255	105.643	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	167499	103.464	ug/l	98
56) Ethyl methacrylate	10.594	69	240926	117.077	ug/l	98
57) 1,3-Dichloropropane	10.876	76	294102	105.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	484120	561.372	ug/l	99
59) 2-Hexanone	10.917	43	536663	551.111	ug/l	98
60) Dibromochloromethane	11.070	129	211862	106.743	ug/l	100
61) 1,2-Dibromoethane	11.176	107	154983	107.320	ug/l	99
64) Tetrachloroethene	10.805	164	186046	96.237	ug/l	97
65) Chlorobenzene	11.605	112	631652	99.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.676	131	212031	99.166	ug/l	98
67) Ethyl Benzene	11.682	91	1152227	105.136	ug/l	99
68) m/p-Xylenes	11.788	106	886677	213.201	ug/l	100
69) o-Xylene	12.117	106	413156	107.063	ug/l	100
70) Styrene	12.135	104	727874	106.866	ug/l	100
71) Bromoform	12.294	173	123069	101.817	ug/l #	99
73) Isopropylbenzene	12.417	105	1064703	104.530	ug/l	100
74) N-amyl acetate	12.229	43	289730	101.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	199691	94.783	ug/l	99
76) 1,2,3-Trichloropropane	12.717	75	149621m	86.339	ug/l	
77) Bromobenzene	12.699	156	251649	99.637	ug/l	99
78) n-propylbenzene	12.758	91	1334136	100.861	ug/l	99
79) 2-Chlorotoluene	12.846	91	758180	100.256	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	905081	103.801	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	74785	96.608	ug/l	99
82) 4-Chlorotoluene	12.946	91	795190	98.771	ug/l	99
83) tert-Butylbenzene	13.164	119	766956	105.674	ug/l	97
84) 1,2,4-Trimethylbenzene	13.205	105	925837	105.200	ug/l	99
85) sec-Butylbenzene	13.341	105	1166897	104.811	ug/l	100
86) p-Isopropyltoluene	13.458	119	997374	105.646	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	516220	100.368	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	507343	96.840	ug/l	99
89) n-Butylbenzene	13.782	91	964042	103.488	ug/l	100
90) Hexachloroethane	14.052	117	189354	95.357	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	450305	99.340	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	31924	93.560	ug/l	95
93) 1,2,4-Trichlorobenzene	15.093	180	294749	106.360	ug/l	100
94) Hexachlorobutadiene	15.199	225	141059	102.166	ug/l	99
95) Naphthalene	15.329	128	596566	111.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	263630	106.247	ug/l	99

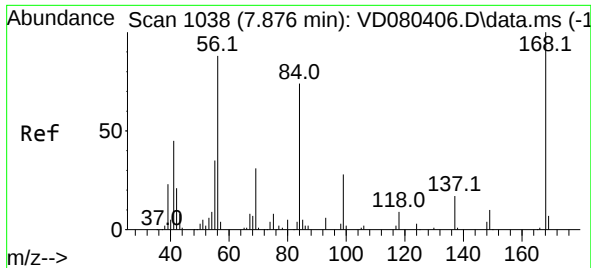
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
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Response via : Initial Calibration

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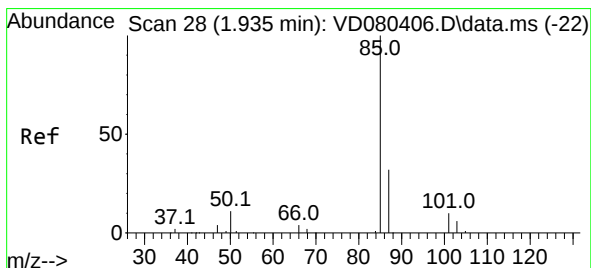
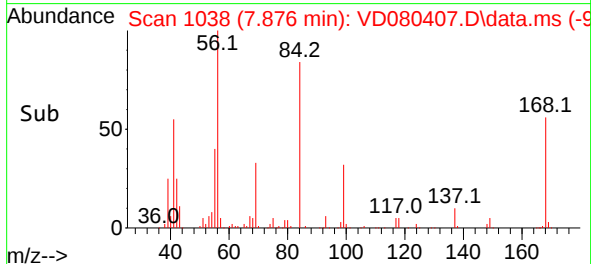
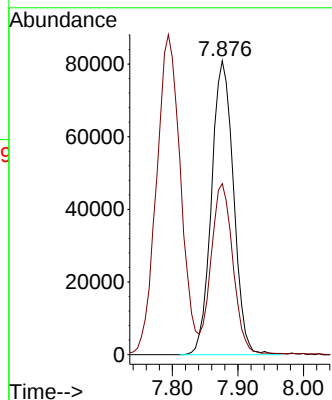
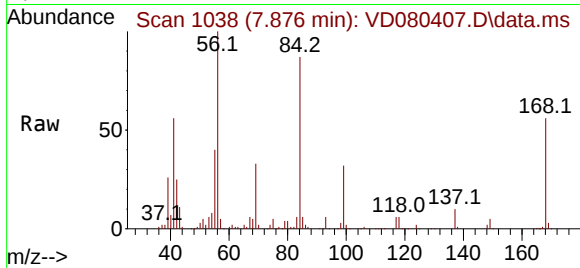
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

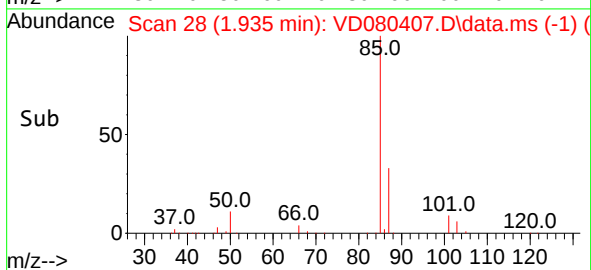
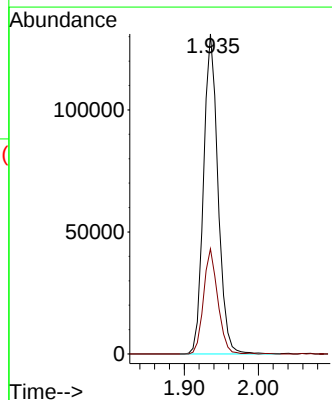
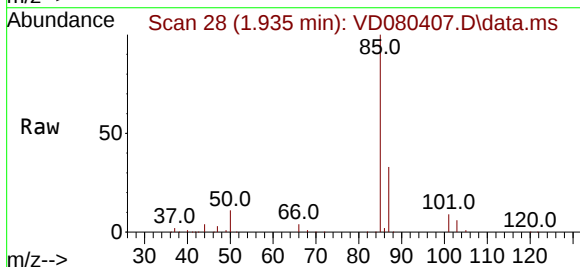
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

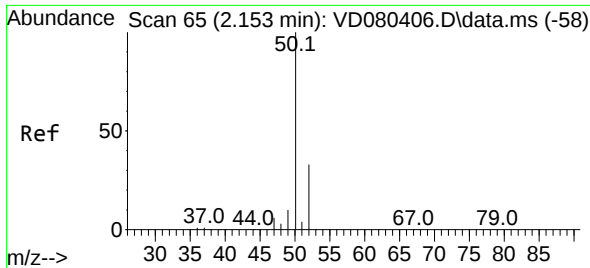
Tgt Ion:168 Resp: 188356
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 86.921 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 85 Resp: 178192
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.5

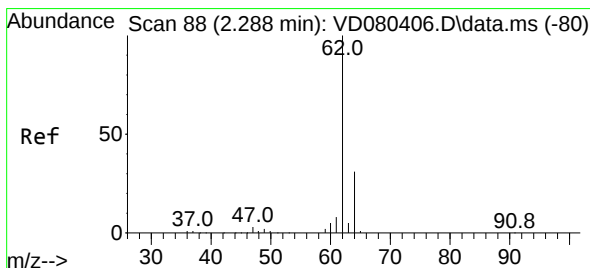
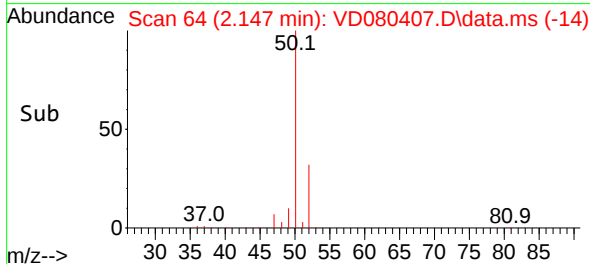
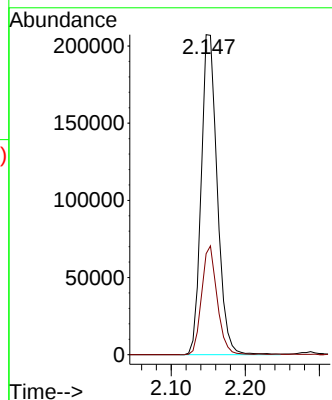
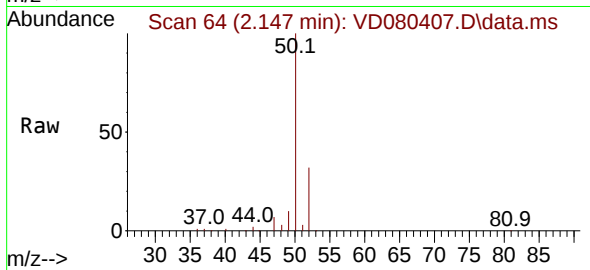




#3
Chloromethane
Concen: 86.412 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

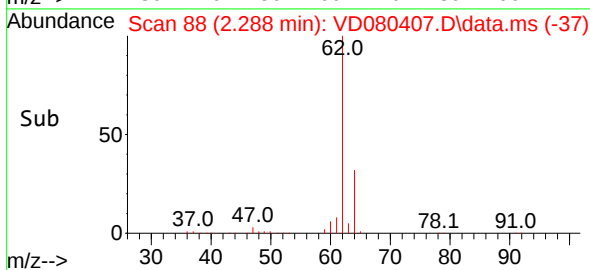
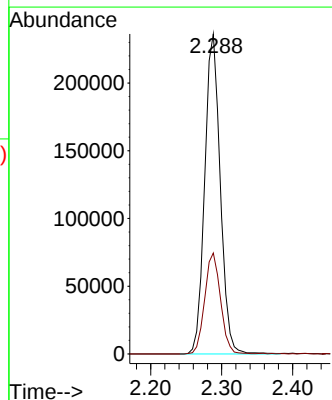
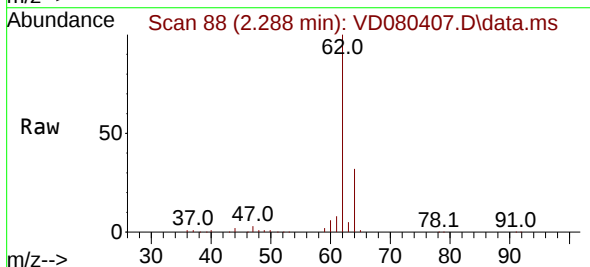
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

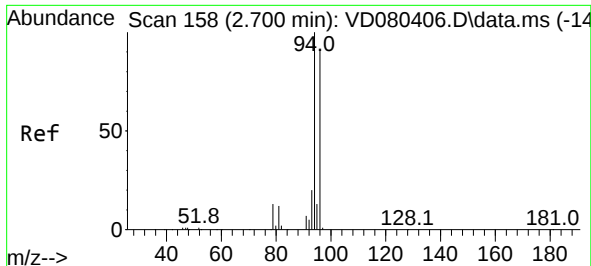
Tgt Ion: 50 Resp: 312672
Ion Ratio Lower Upper
50 100
52 31.5 26.7 40.1



#4
Vinyl Chloride
Concen: 88.761 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 62 Resp: 360389
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.6

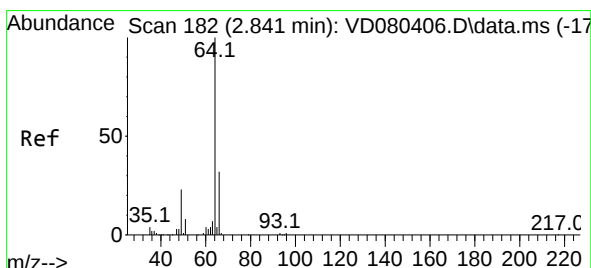
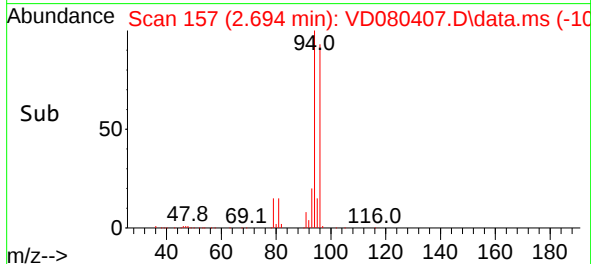
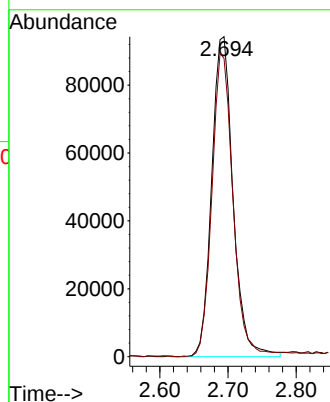
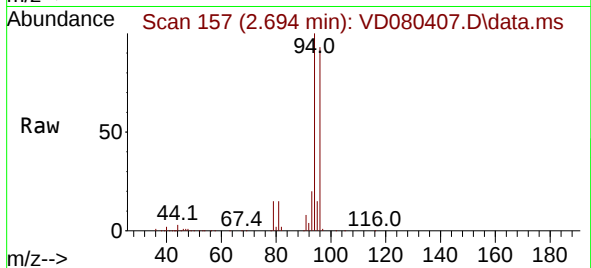




#5
Bromomethane
Concen: 80.668 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

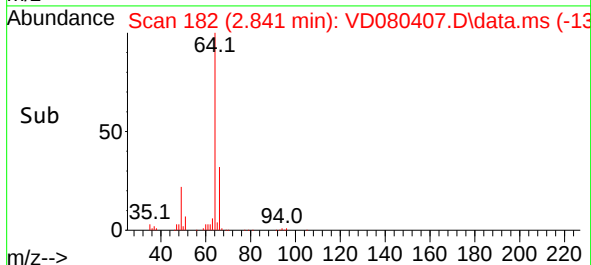
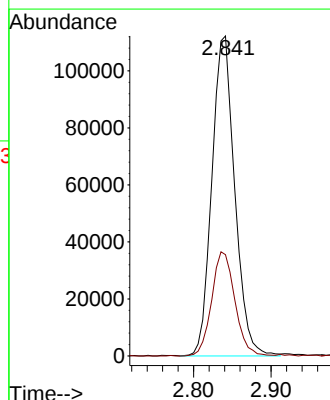
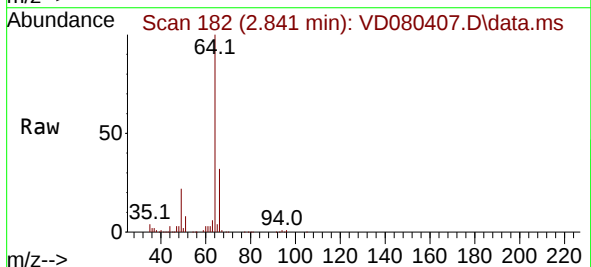
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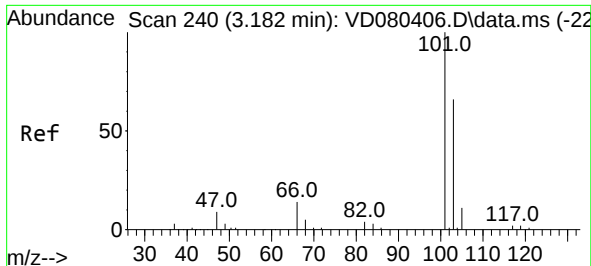
Tgt Ion: 94 Resp: 205724
Ion Ratio Lower Upper
94 100
96 94.7 73.1 109.7



#6
Chloroethane
Concen: 87.855 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 64 Resp: 230840
Ion Ratio Lower Upper
64 100
66 31.6 25.5 38.3

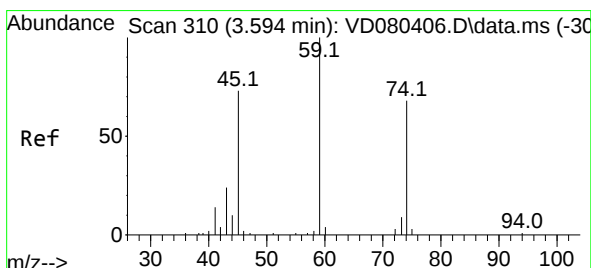
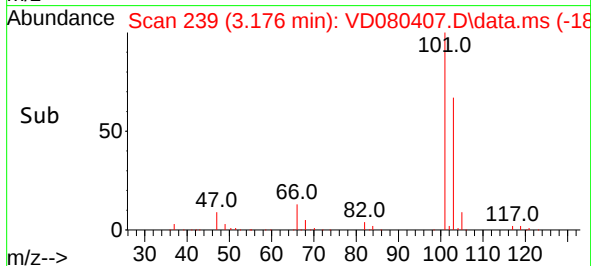
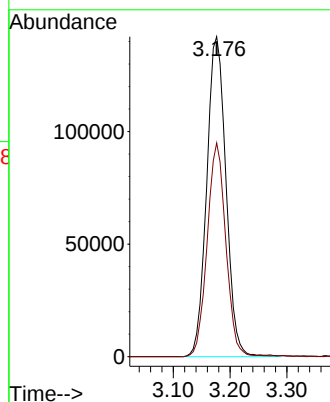
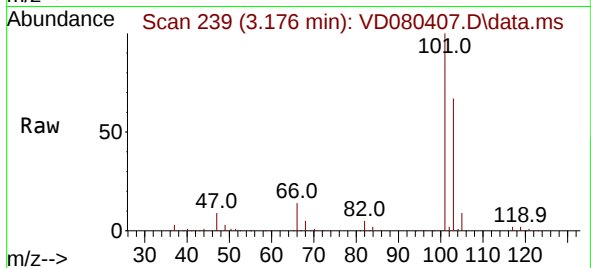




#7
Trichlorofluoromethane
Concen: 91.172 ug/l
RT: 3.176 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

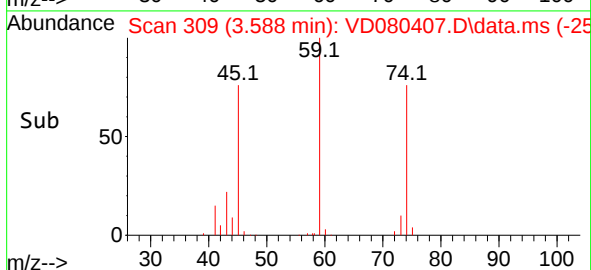
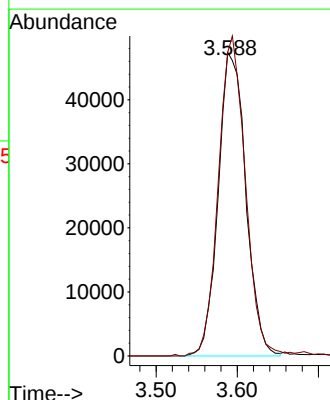
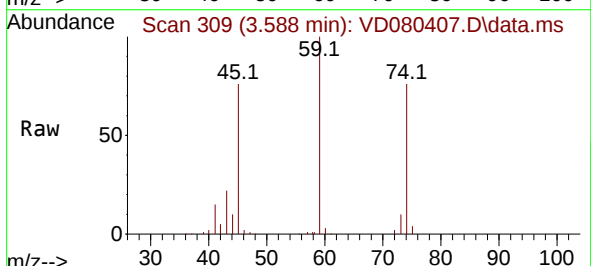
Instrument :
MSVOA_D
ClientSampleId :
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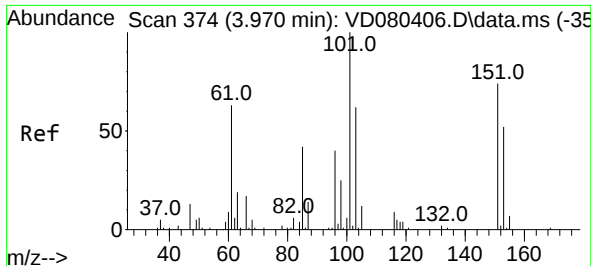
Tgt Ion:101 Resp: 334413
Ion Ratio Lower Upper
101 100
103 66.8 52.7 79.1



#8
Diethyl Ether
Concen: 92.285 ug/l
RT: 3.588 min Scan# 309
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 74 Resp: 111925
Ion Ratio Lower Upper
74 100
45 103.2 51.8 155.5

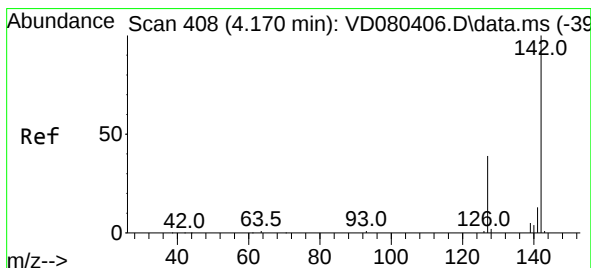
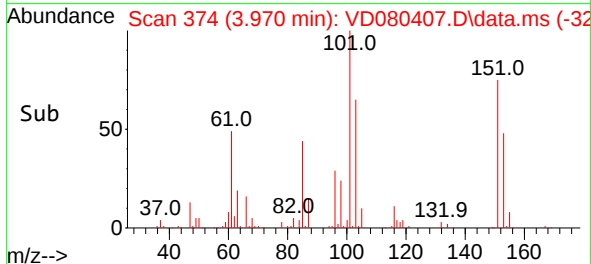
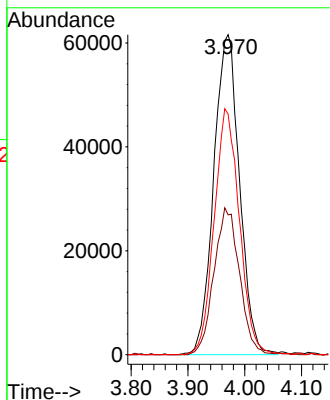
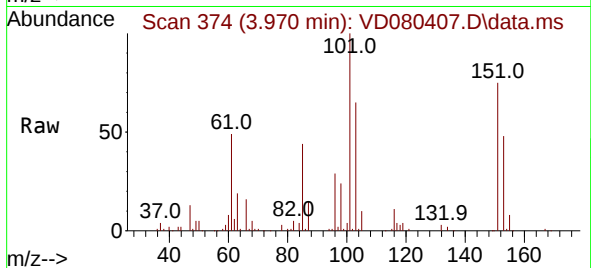




#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.131 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

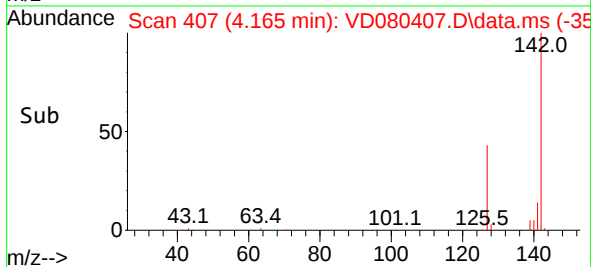
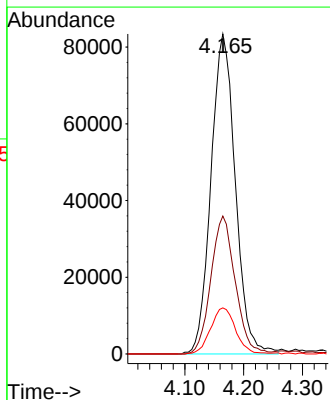
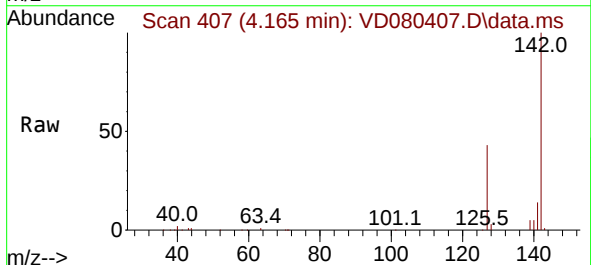
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

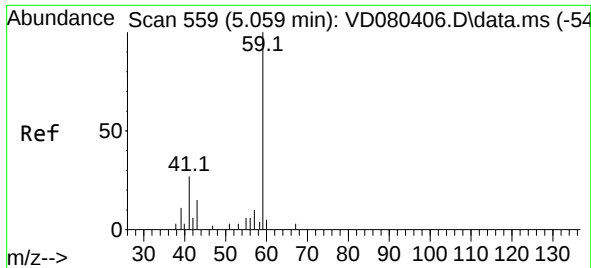
Tgt Ion:101 Resp: 194424
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 75.2 59.2 88.8



#10
Methyl Iodide
Concen: 108.257 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion:142 Resp: 240395
Ion Ratio Lower Upper
142 100
127 42.9 35.8 53.8
141 14.8 12.0 18.0

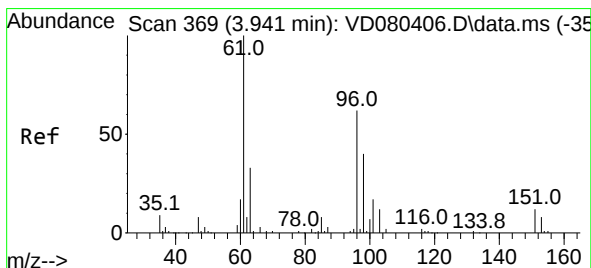
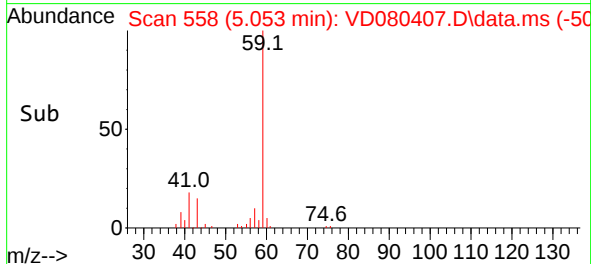
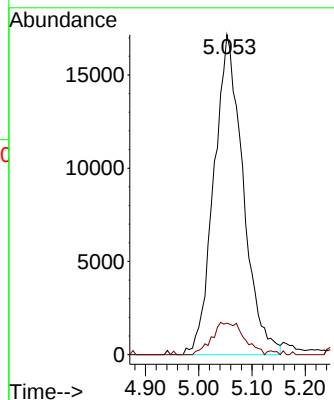
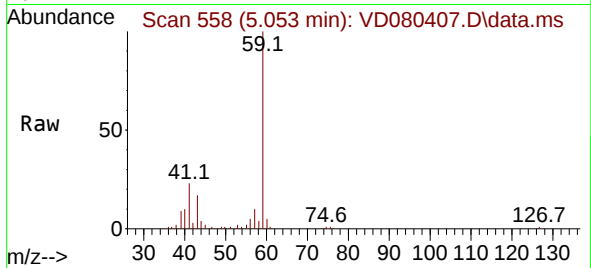




#11
Tert butyl alcohol
Concen: 456.939 ug/l
RT: 5.053 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

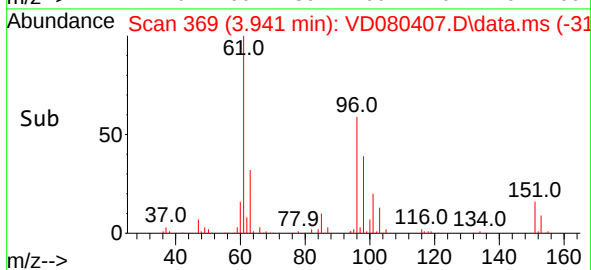
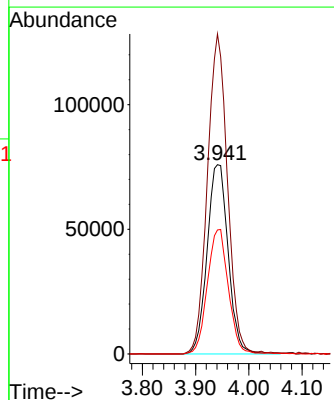
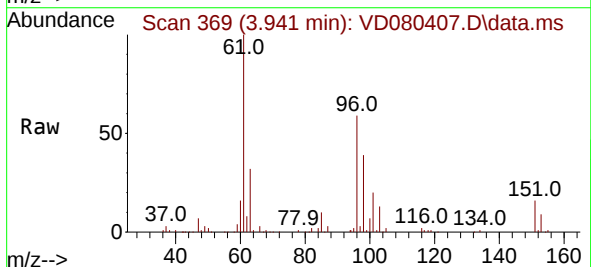
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

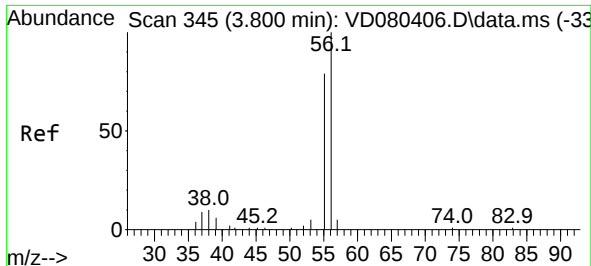
Tgt Ion: 59 Resp: 65286
Ion Ratio Lower Upper
59 100
57 11.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 93.192 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 96 Resp: 208119
Ion Ratio Lower Upper
96 100
61 169.0 129.7 194.5
98 65.5 52.0 78.0

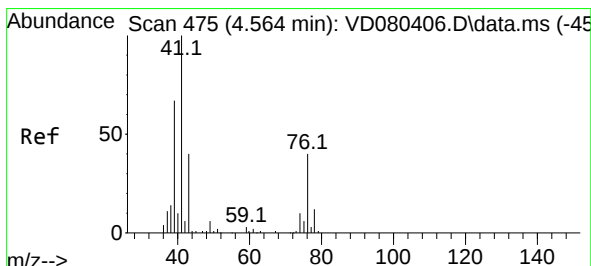
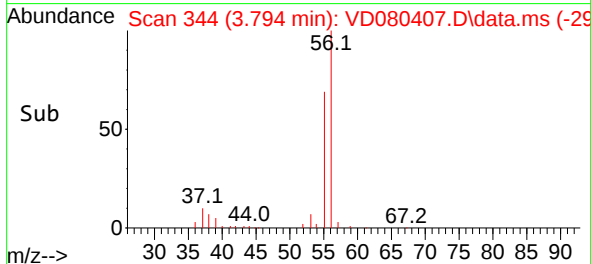
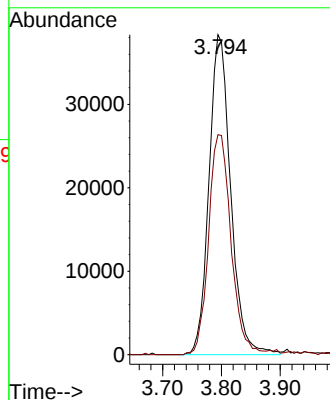
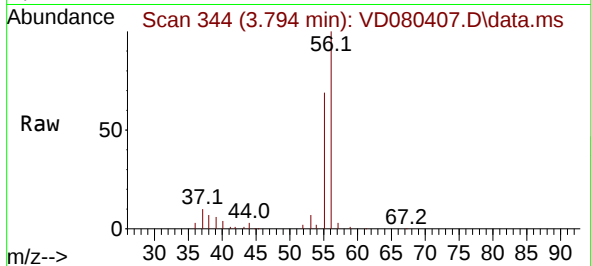




#13
Acrolein
Concen: 450.541 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

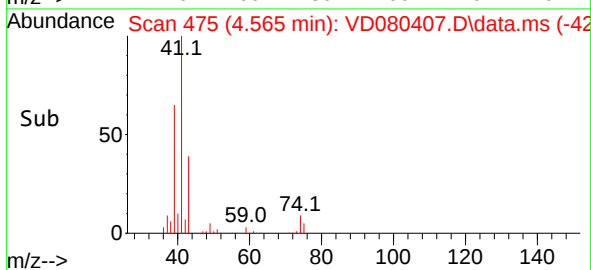
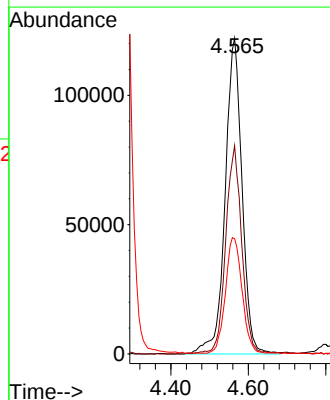
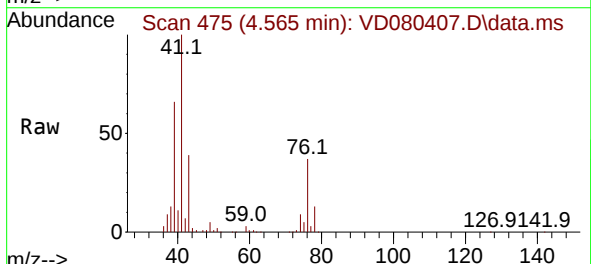
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

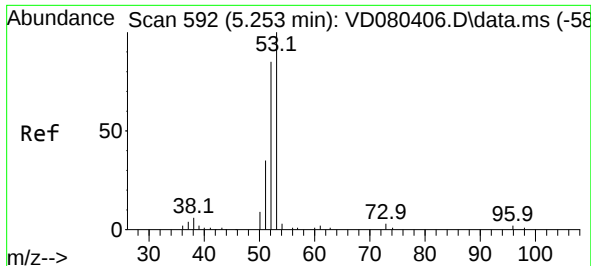
Tgt Ion: 56 Resp: 98183
Ion Ratio Lower Upper
56 100
55 71.2 58.7 88.1



#14
Allyl chloride
Concen: 98.052 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 41 Resp: 369367
Ion Ratio Lower Upper
41 100
39 62.7 50.0 75.0
76 35.9 29.9 44.9

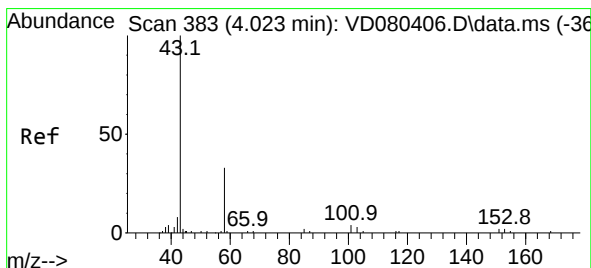
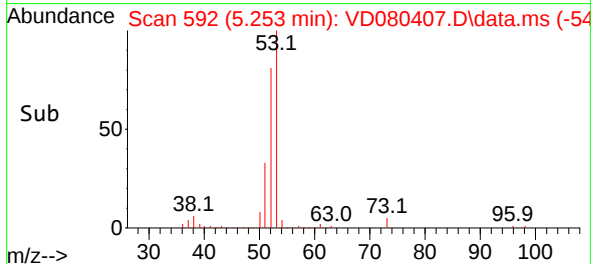
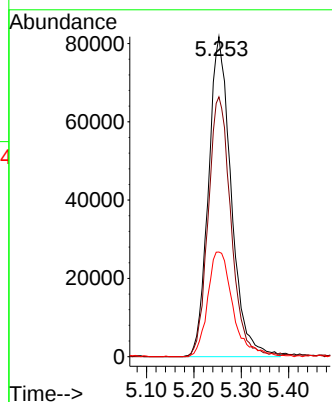
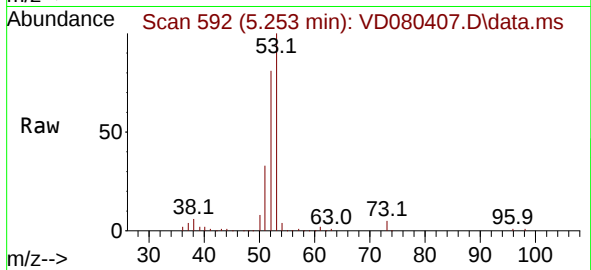




#15
Acrylonitrile
Concen: 492.037 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

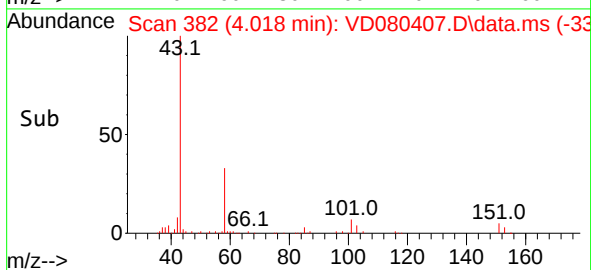
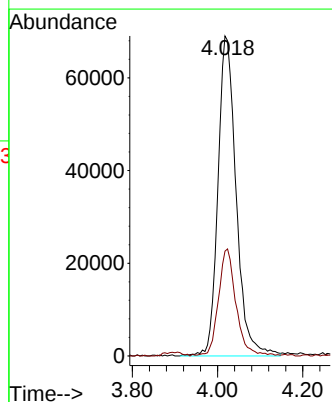
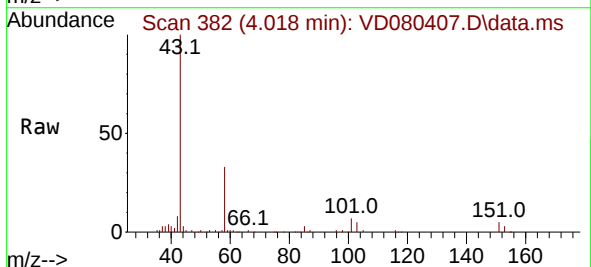
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

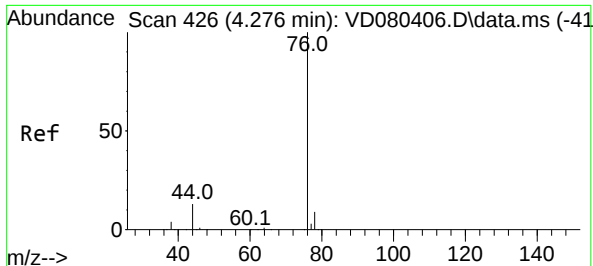
Tgt Ion: 53 Resp: 272911
Ion Ratio Lower Upper
53 100
52 81.1 64.2 96.2
51 36.4 29.3 43.9



#16
Acetone
Concen: 439.226 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 43 Resp: 205037
Ion Ratio Lower Upper
43 100
58 32.5 26.6 40.0

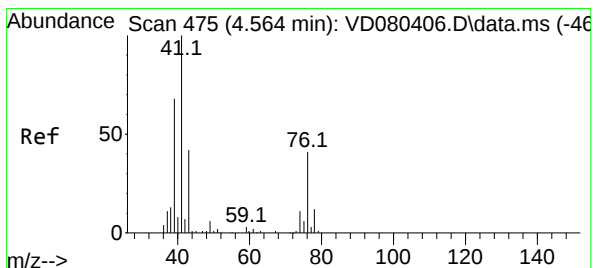
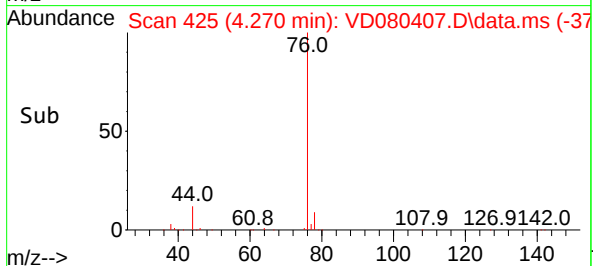
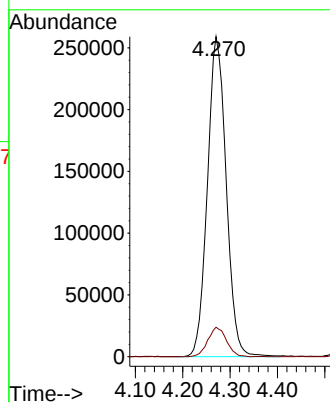
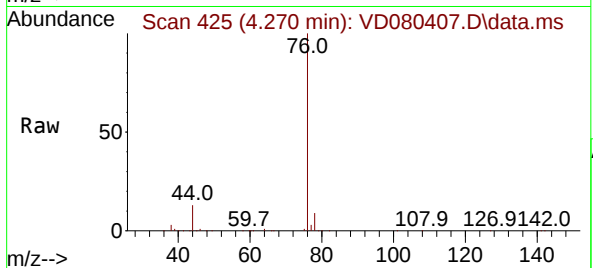




#17
Carbon Disulfide
Concen: 91.755 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

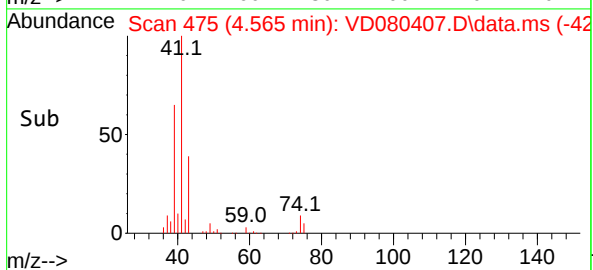
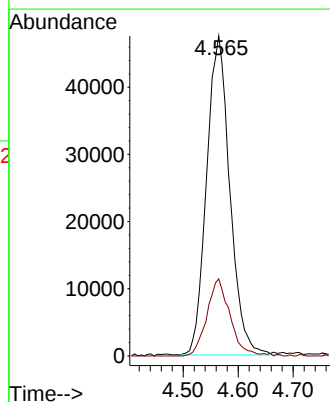
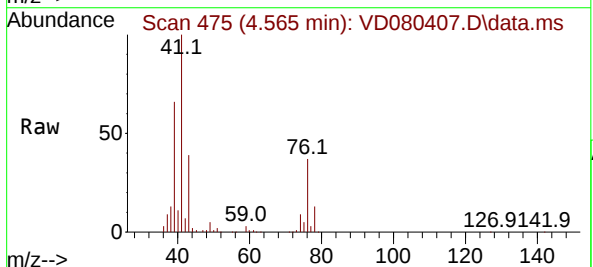
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

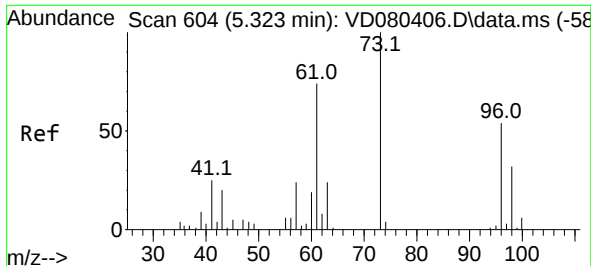
Tgt Ion: 76 Resp: 713255
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 91.009 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 43 Resp: 139729
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.2

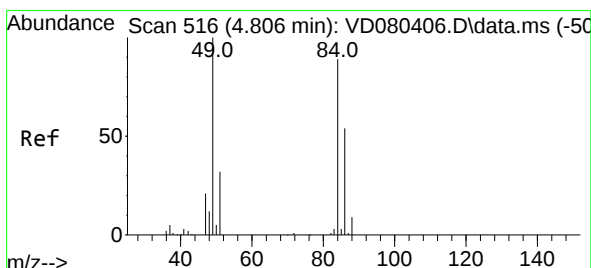
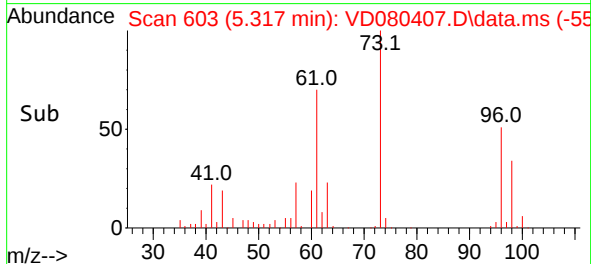
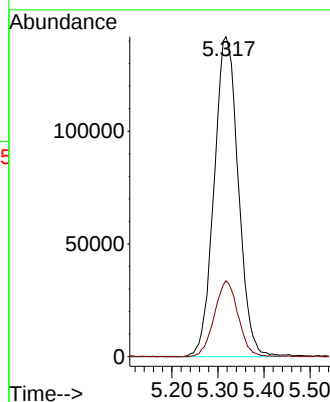
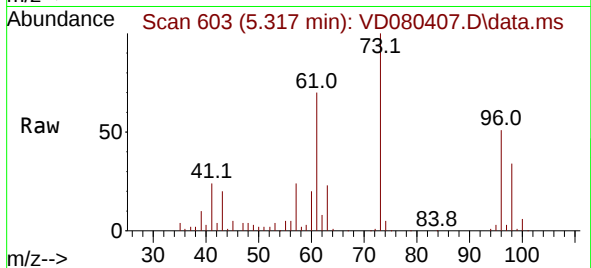




#19
Methyl tert-butyl Ether
Concen: 103.480 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

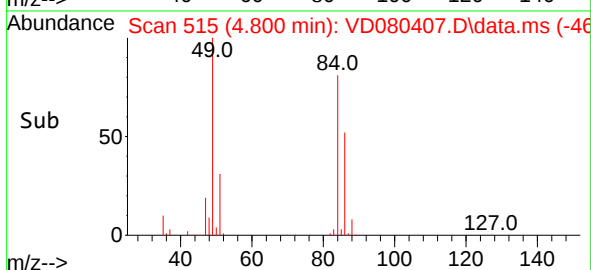
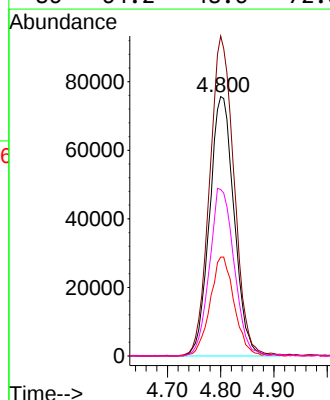
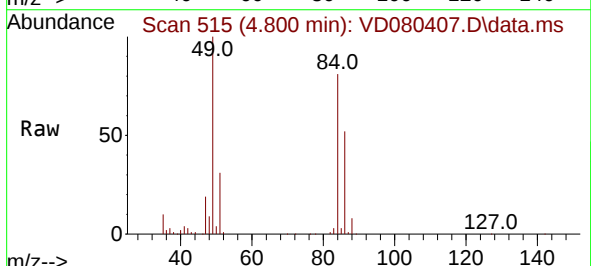
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

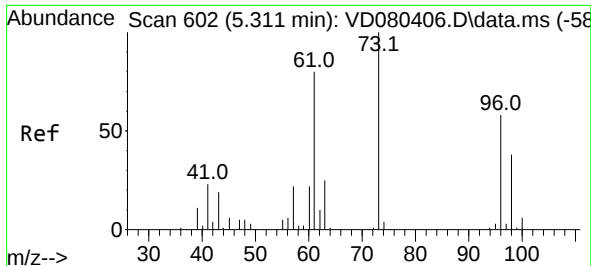
Tgt Ion: 73 Resp: 516880
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3



#20
Methylene Chloride
Concen: 88.923 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 84 Resp: 242340
Ion Ratio Lower Upper
84 100
49 123.1 89.4 134.2
51 37.9 28.5 42.7
86 64.2 48.6 72.8

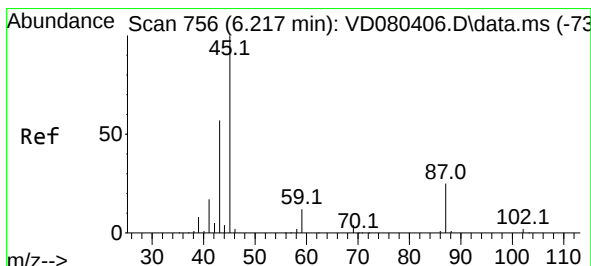
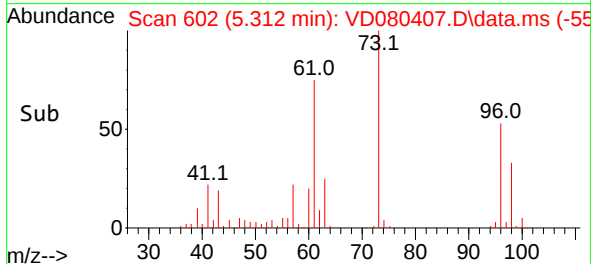
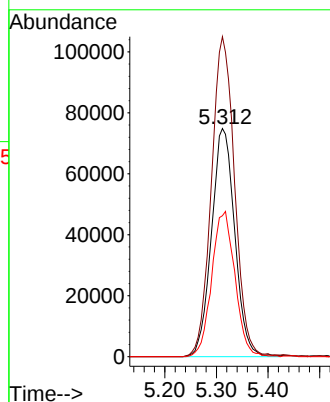
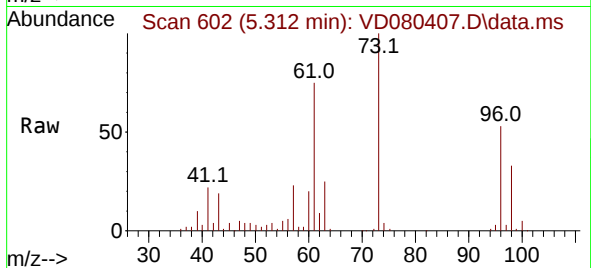




#21
trans-1,2-Dichloroethene
Concen: 97.020 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

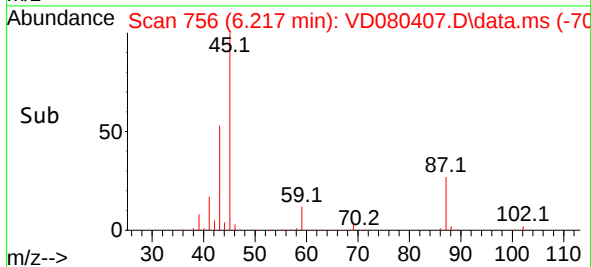
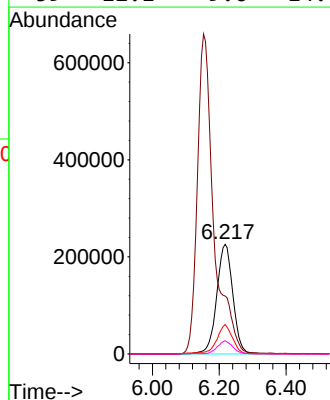
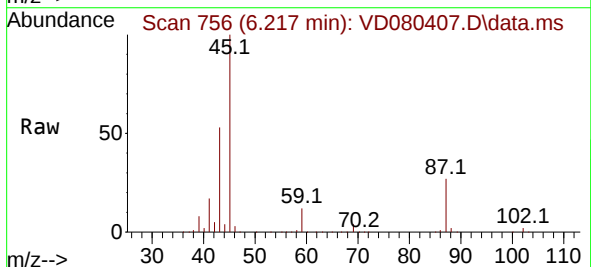
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

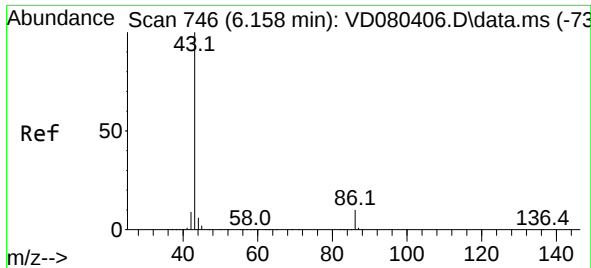
Tgt Ion: 96 Resp: 233911
Ion Ratio Lower Upper
96 100
61 140.3 110.8 166.2
98 61.8 52.2 78.2



#22
Diisopropyl ether
Concen: 101.872 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 45 Resp: 758752
Ion Ratio Lower Upper
45 100
43 52.8 45.6 68.4
87 26.7 20.4 30.6
59 12.1 9.6 14.4



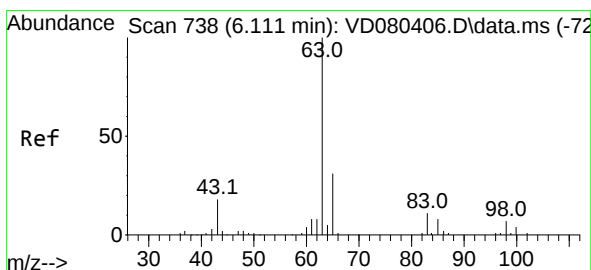
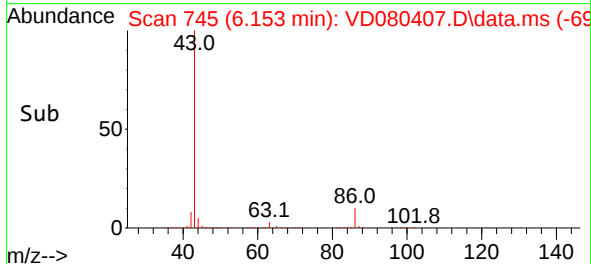
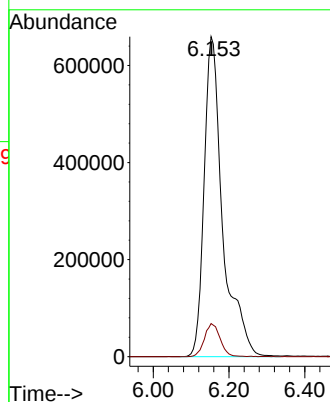
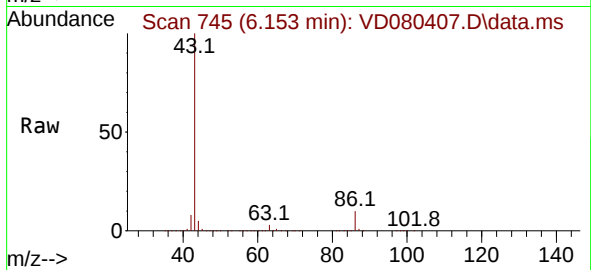


#23
 Vinyl Acetate
 Concen: 521.229 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080407.D
 Acq: 04 Jun 2025 10:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 2245982

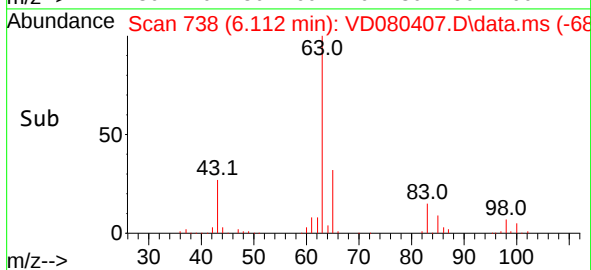
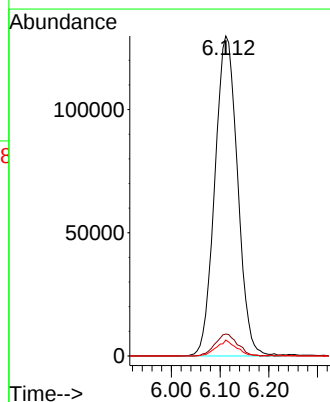
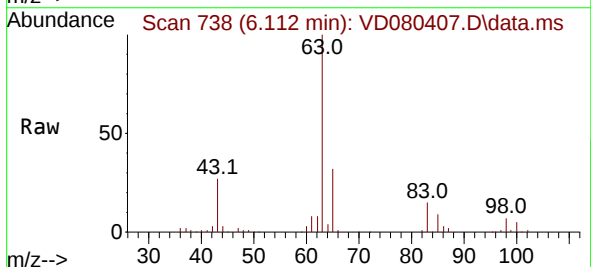
Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.3	12.5

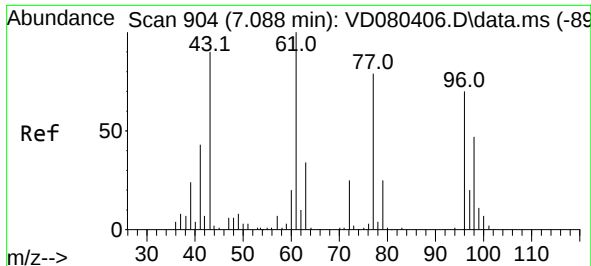


#24
 1,1-Dichloroethane
 Concen: 93.547 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080407.D
 Acq: 04 Jun 2025 10:20

Tgt Ion: 63 Resp: 421372

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.9
100	5.0	1.9	5.7

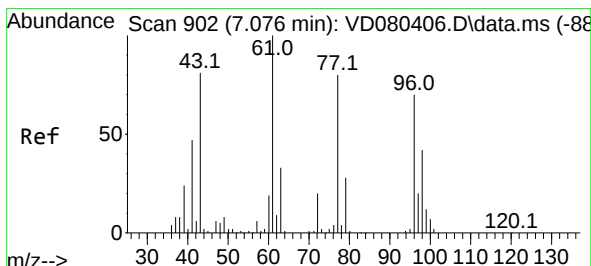
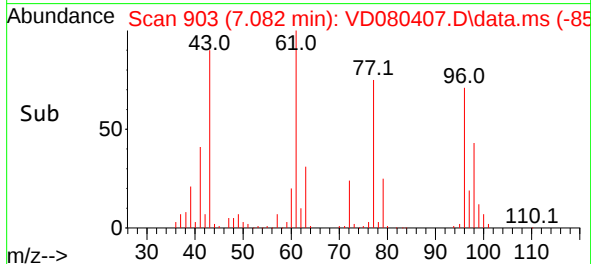
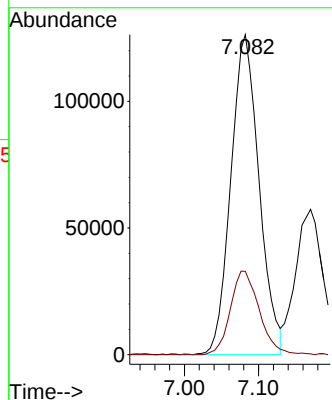
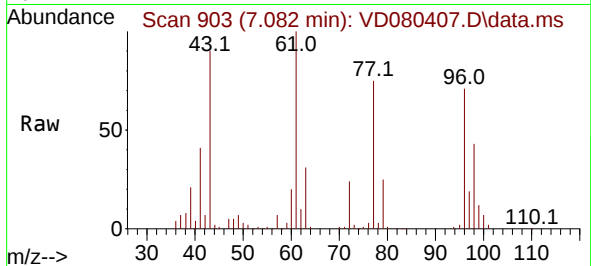




#25
2-Butanone
Concen: 489.025 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

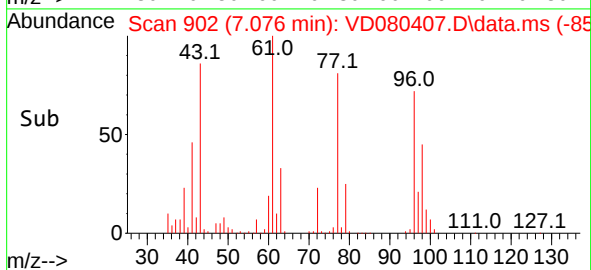
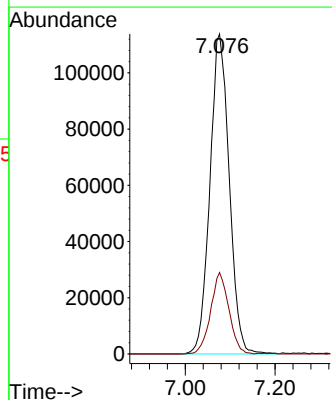
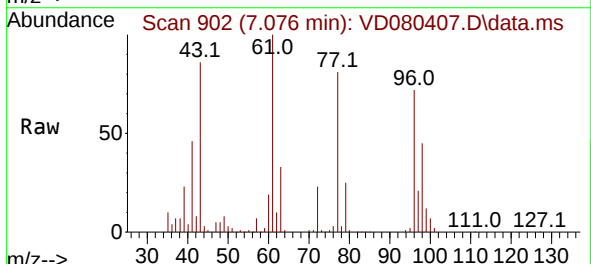
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

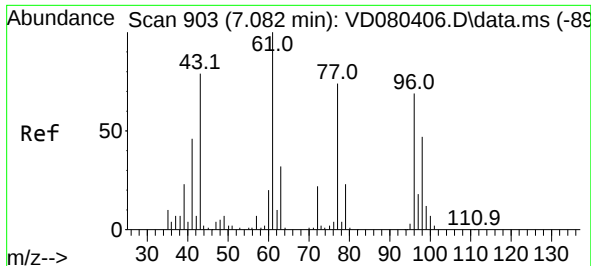
Tgt Ion: 43 Resp: 334259
Ion Ratio Lower Upper
43 100
72 26.0 22.2 33.2



#26
2,2-Dichloropropane
Concen: 94.894 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 77 Resp: 340370
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.4



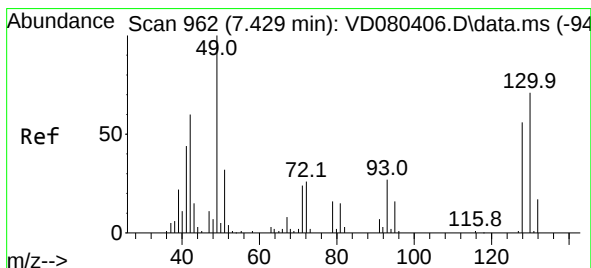
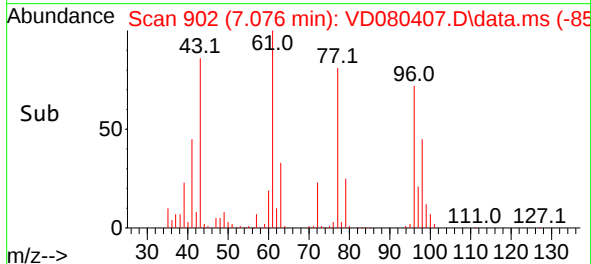
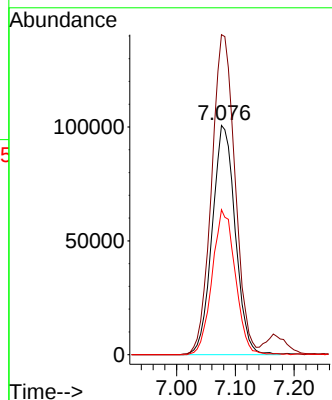
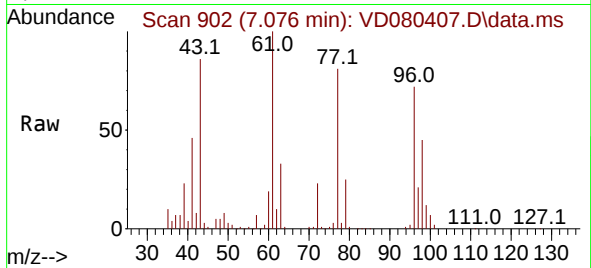


#27
 cis-1,2-Dichloroethene
 Concen: 101.085 ug/l
 RT: 7.076 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VD080407.D
 Acq: 04 Jun 2025 10:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 274479

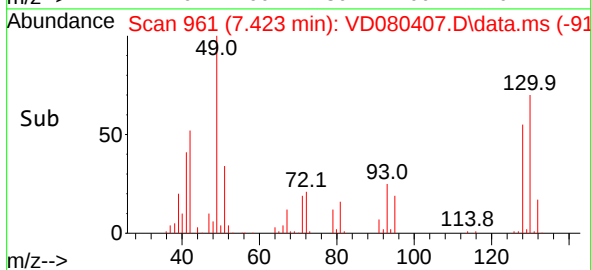
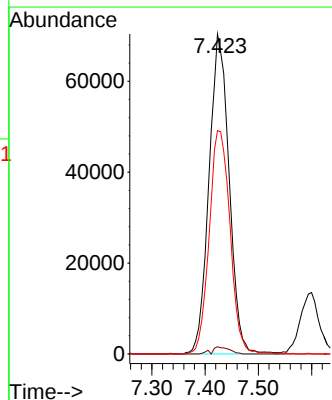
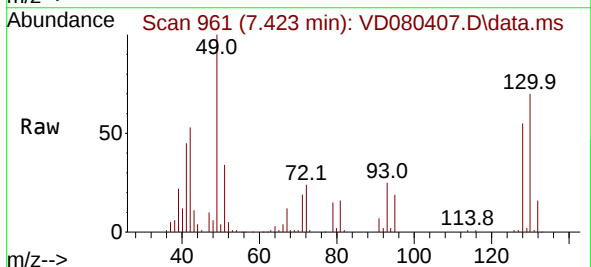
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	291.0
98	63.5	0.0	130.6

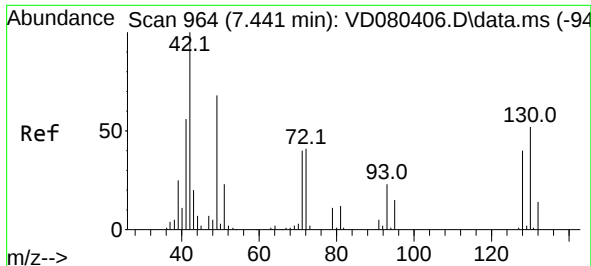


#28
 Bromochloromethane
 Concen: 92.543 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080407.D
 Acq: 04 Jun 2025 10:20

Tgt Ion: 49 Resp: 184448

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	1.2#
130	72.1	58.6	88.0





#29

Tetrahydrofuran

Concen: 516.879 ug/l

RT: 7.447 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

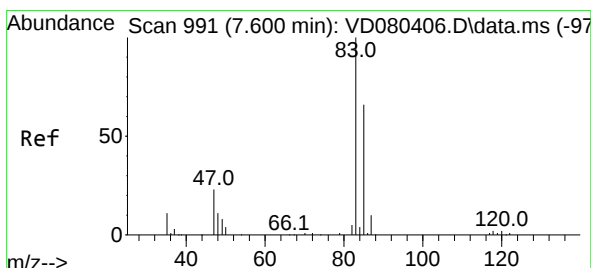
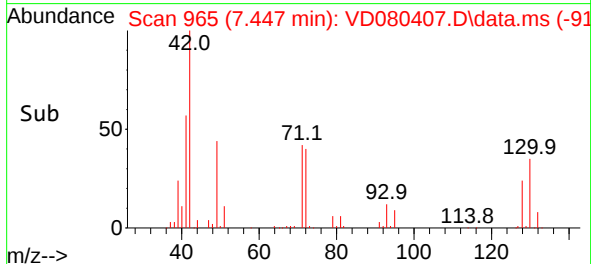
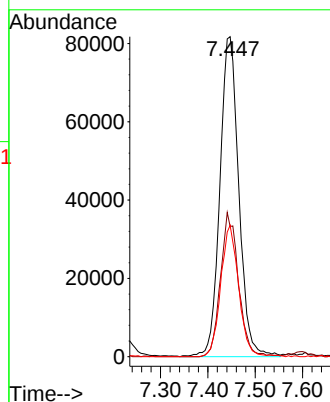
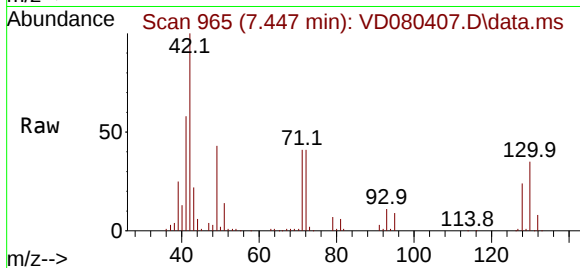
Tgt Ion: 42 Resp: 227297

Ion Ratio Lower Upper

42 100

72 42.8 34.1 51.1

71 38.7 32.2 48.4



#30

Chloroform

Concen: 96.117 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080407.D

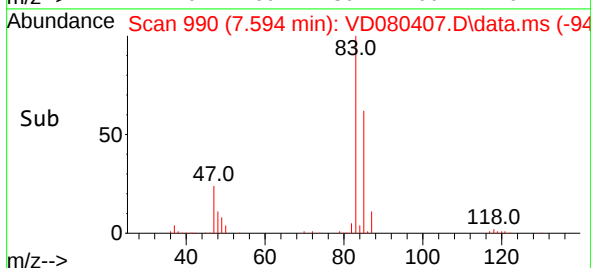
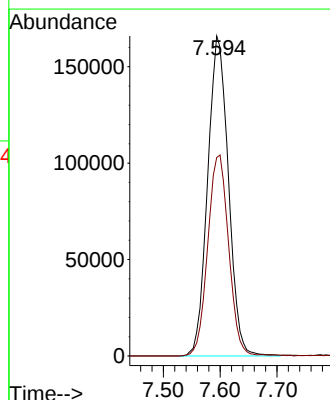
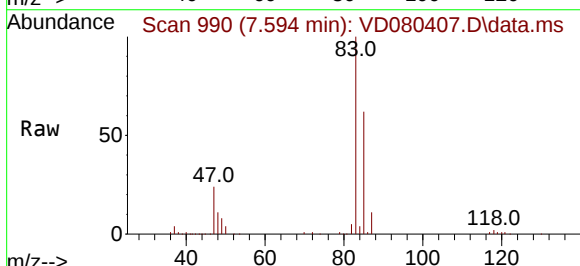
Acq: 04 Jun 2025 10:20

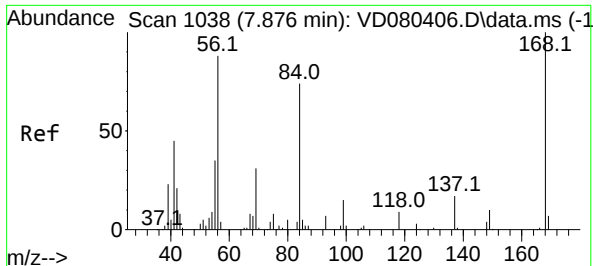
Tgt Ion: 83 Resp: 420252

Ion Ratio Lower Upper

83 100

85 62.0 52.8 79.2





#31

Cyclohexane

Concen: 93.603 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

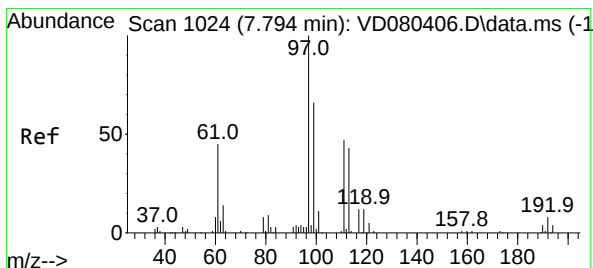
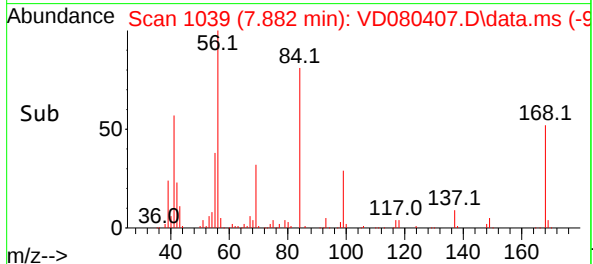
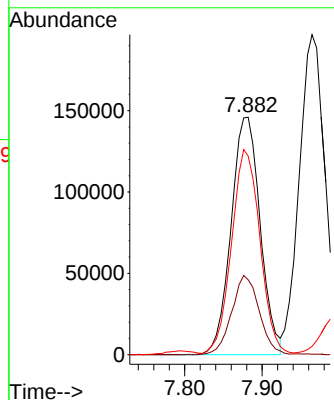
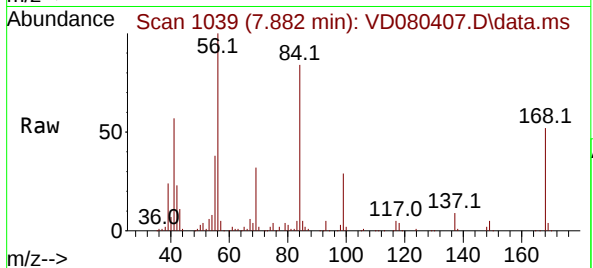
Tgt Ion: 56 Resp: 381447

Ion Ratio Lower Upper

56 100

69 31.5 28.5 42.7

84 81.9 67.4 101.0



#32

1,1,1-Trichloroethane

Concen: 95.994 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

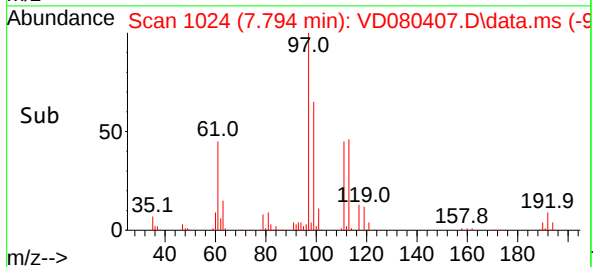
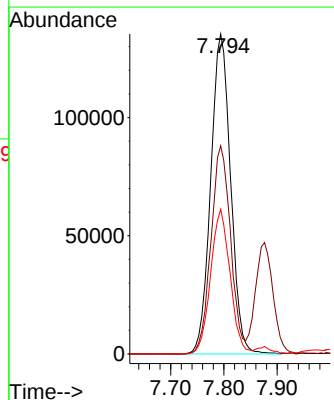
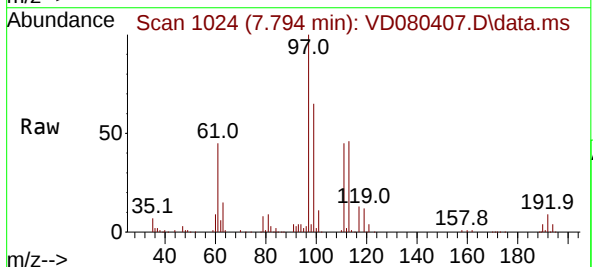
Tgt Ion: 97 Resp: 350996

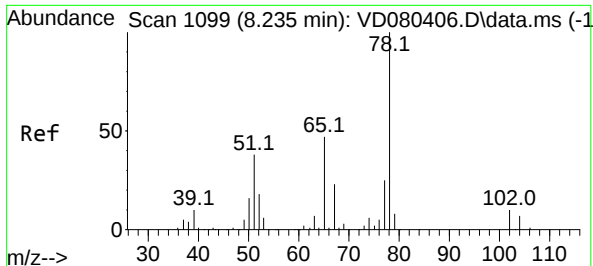
Ion Ratio Lower Upper

97 100

99 64.3 50.2 75.4

61 44.3 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 93.870 ug/l

RT: 8.229 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

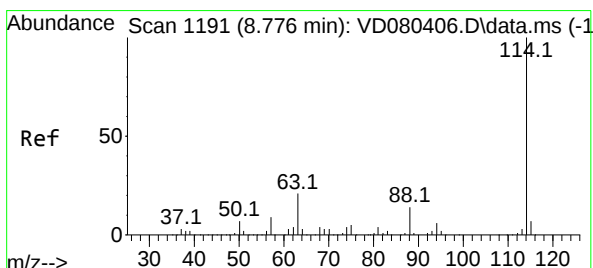
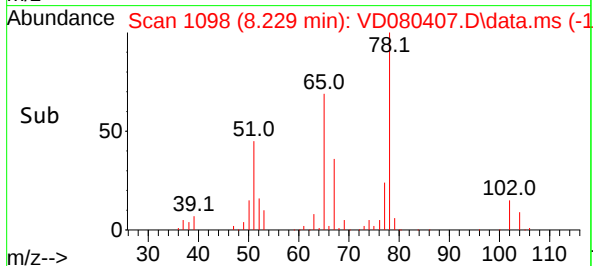
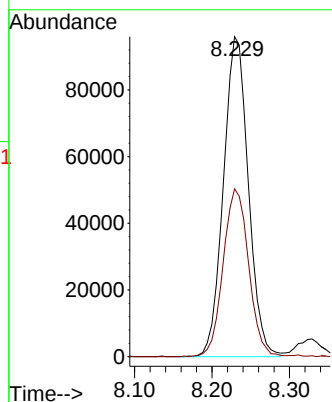
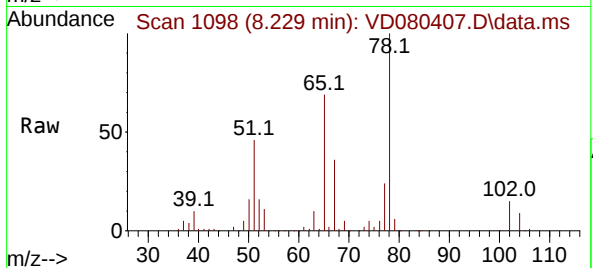
VSTDIC100

Tgt Ion: 65 Resp: 214534

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

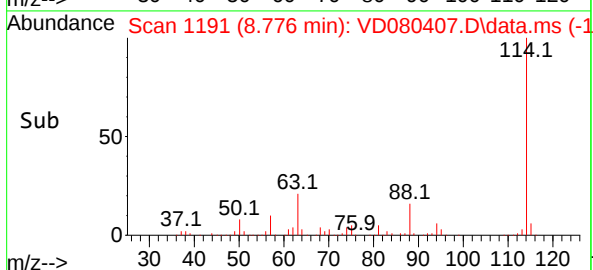
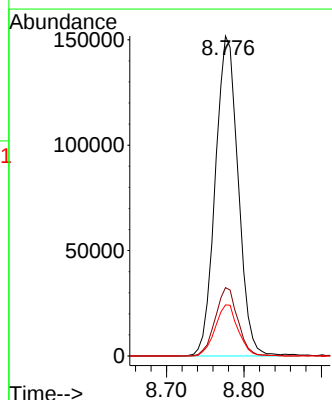
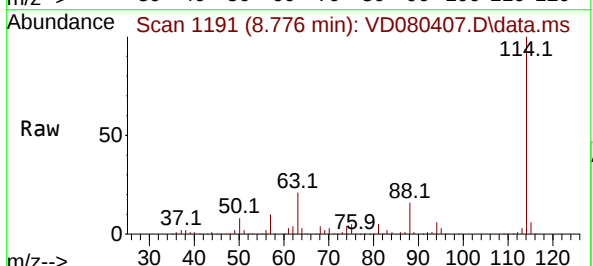
Tgt Ion: 114 Resp: 310964

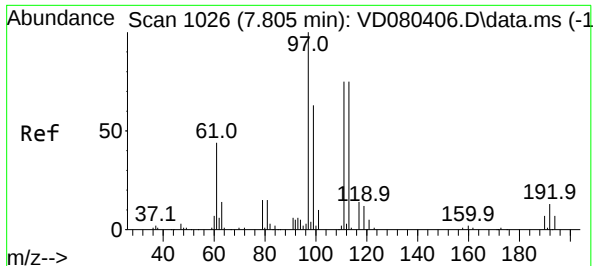
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.0

88 15.9 0.0 29.0

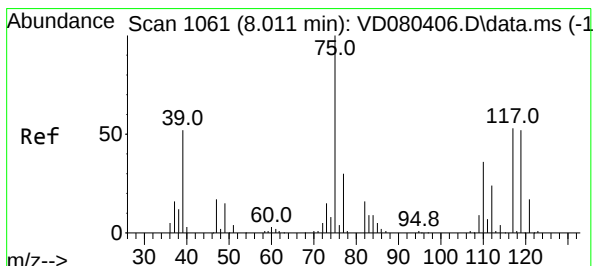
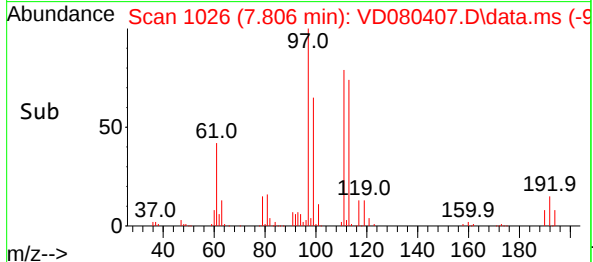
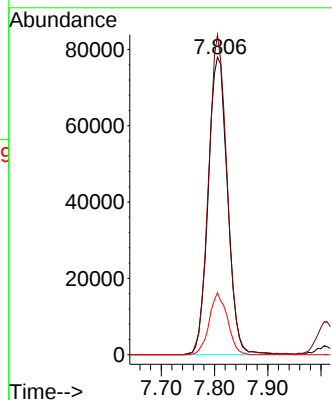
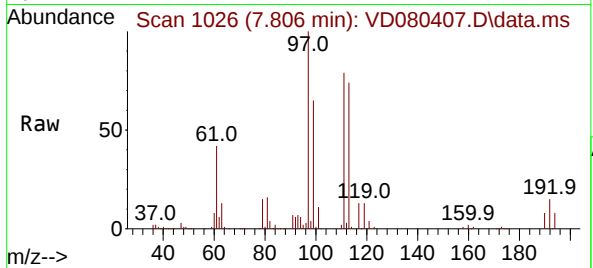




#35
Dibromofluoromethane
Concen: 100.899 ug/l
RT: 7.806 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

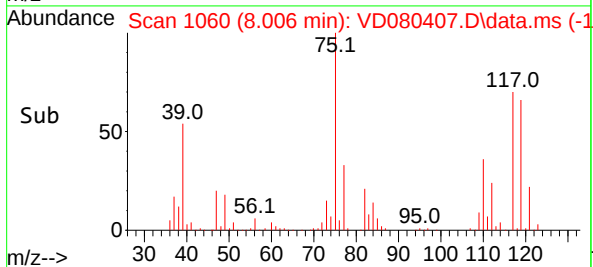
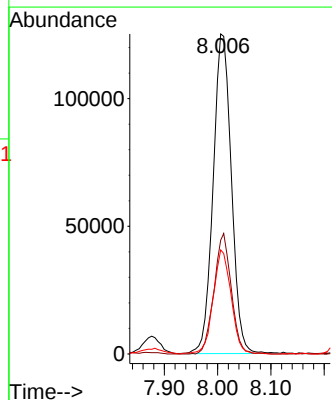
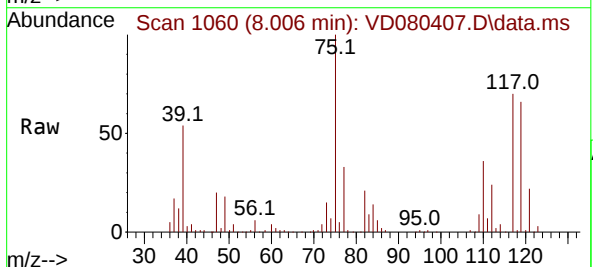
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

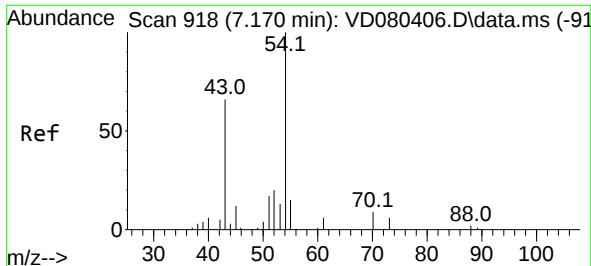
Tgt Ion:113 Resp: 196085
Ion Ratio Lower Upper
113 100
111 103.3 84.6 127.0
192 19.6 15.8 23.6



#36
1,1-Dichloropropene
Concen: 97.854 ug/l
RT: 8.006 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 75 Resp: 298046
Ion Ratio Lower Upper
75 100
110 35.6 17.4 52.3
77 32.1 25.0 37.4





#37

Ethyl Acetate

Concen: 102.812 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

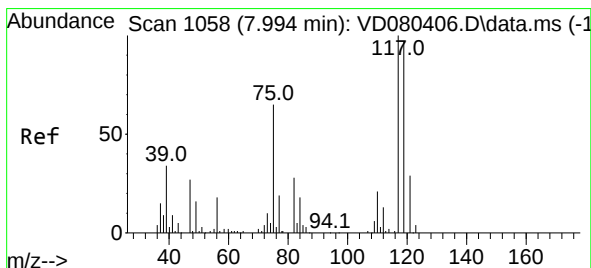
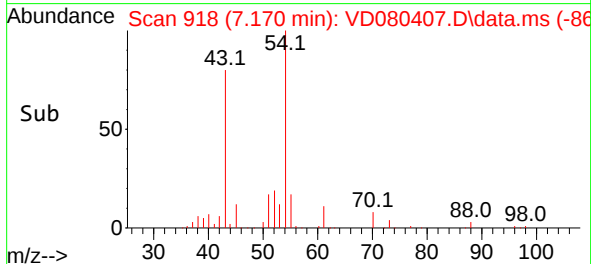
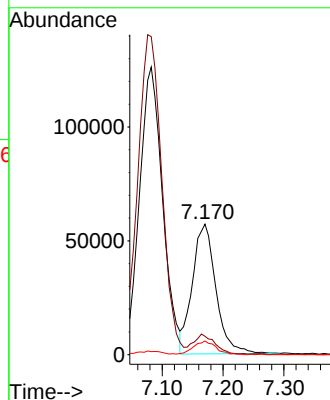
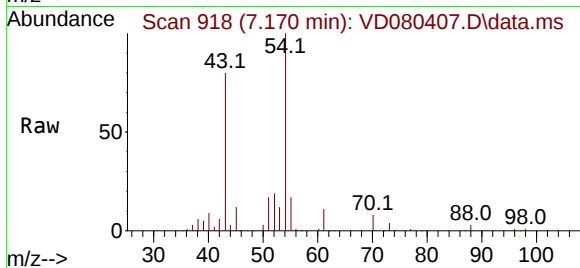
Tgt Ion: 43 Resp: 153441

Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

70 10.0 8.6 13.0



#38

Carbon Tetrachloride

Concen: 96.355 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

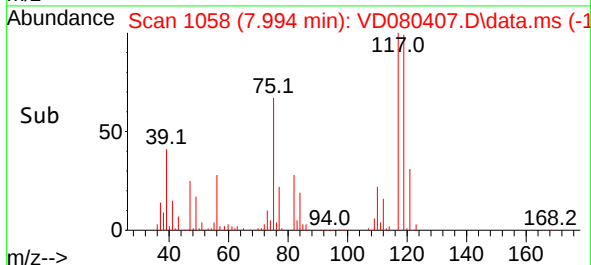
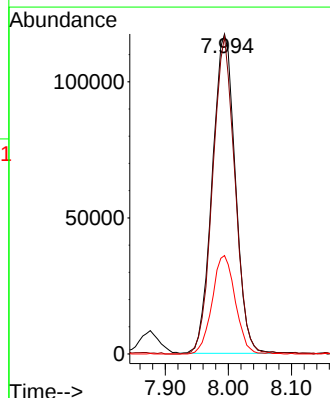
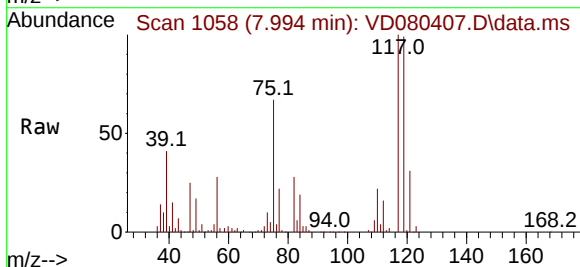
Tgt Ion: 117 Resp: 296648

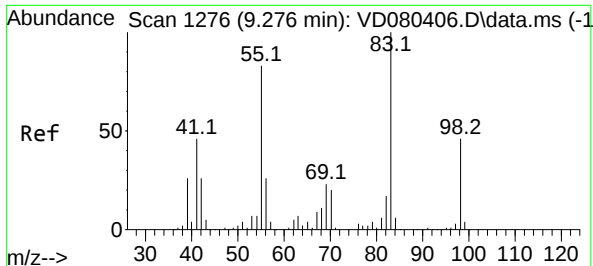
Ion Ratio Lower Upper

117 100

119 99.3 78.0 117.0

121 30.8 23.2 34.8





#39

Methylcyclohexane

Concen: 106.587 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

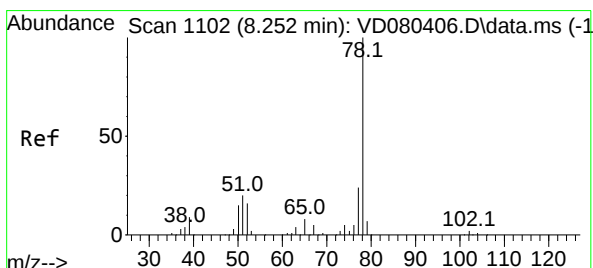
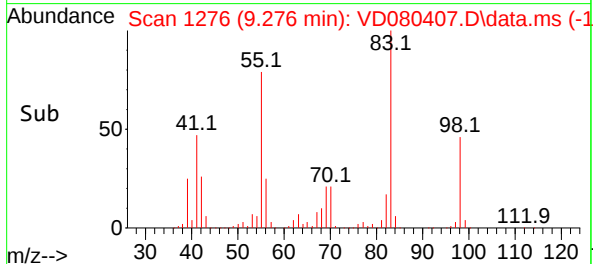
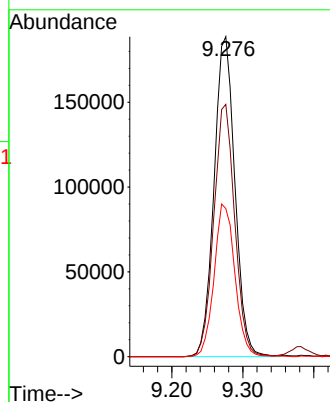
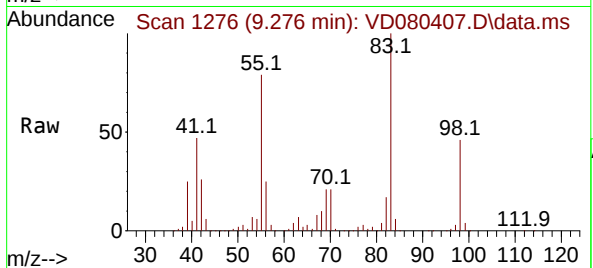
Tgt Ion: 83 Resp: 384550

Ion Ratio Lower Upper

83 100

55 78.8 66.2 99.4

98 46.3 37.0 55.6



#40

Benzene

Concen: 100.756 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080407.D

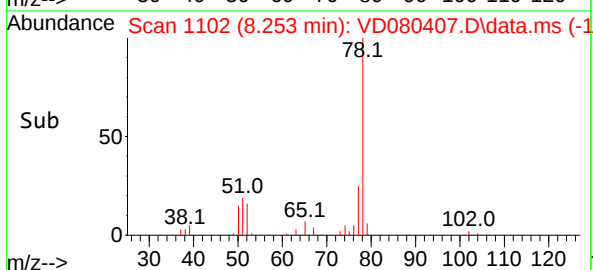
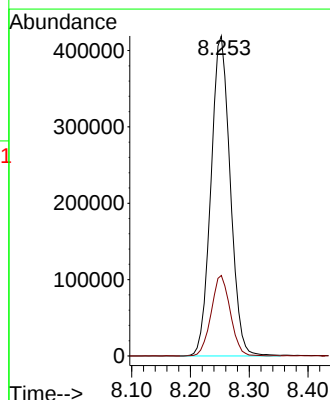
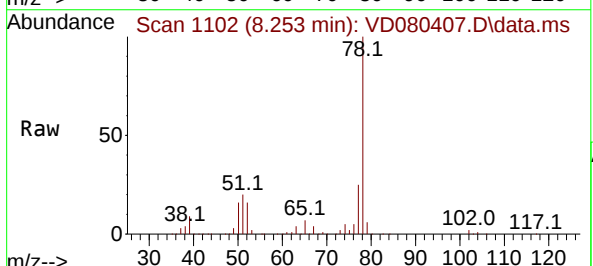
Acq: 04 Jun 2025 10:20

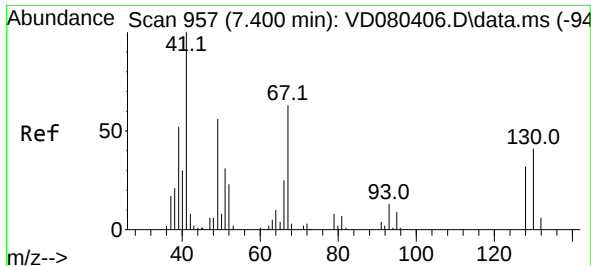
Tgt Ion: 78 Resp: 955541

Ion Ratio Lower Upper

78 100

77 25.2 19.6 29.4



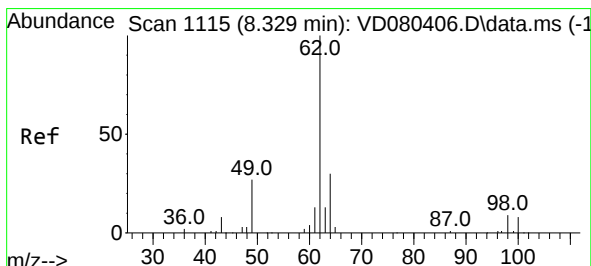
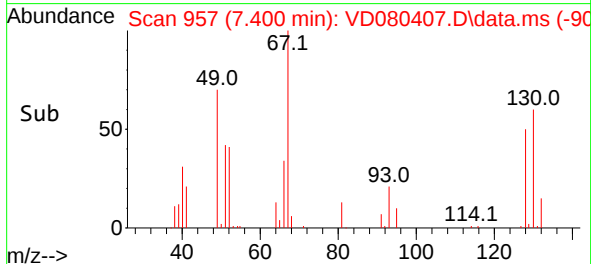
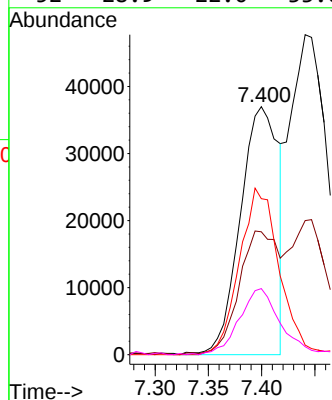
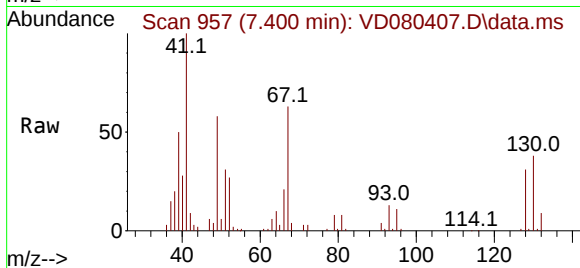


#41
Methacrylonitrile
Concen: 100.437 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 92327

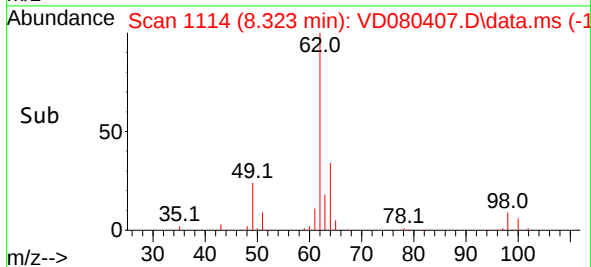
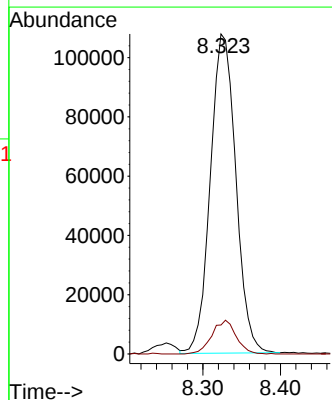
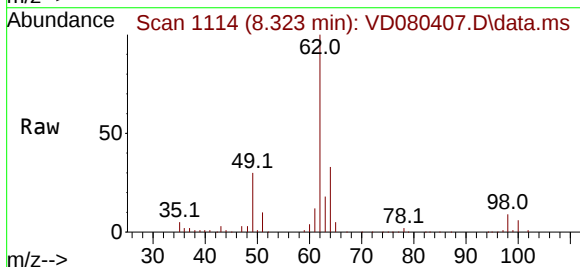
Ion	Ratio	Lower	Upper
41	100		
39	51.0	37.6	56.4
67	70.1	50.4	75.6
52	28.9	22.0	33.0

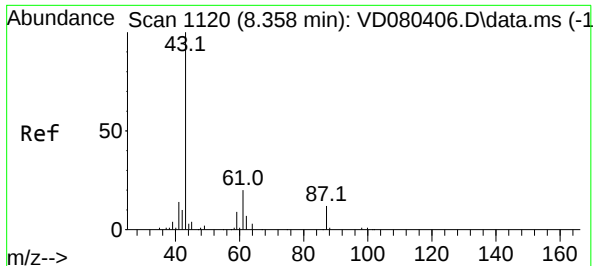


#42
1,2-Dichloroethane
Concen: 95.369 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 62 Resp: 246233

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2





#43

Isopropyl Acetate

Concen: 103.285 ug/l

RT: 8.364 min Scan# 1121

Delta R.T. 0.006 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

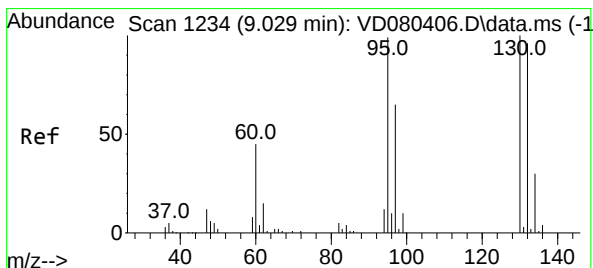
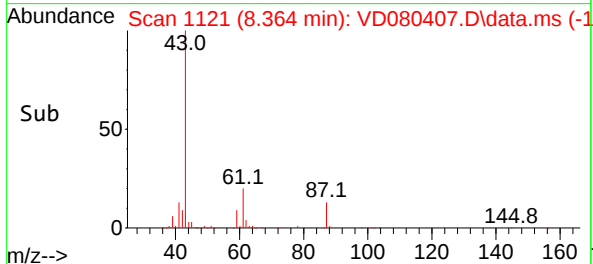
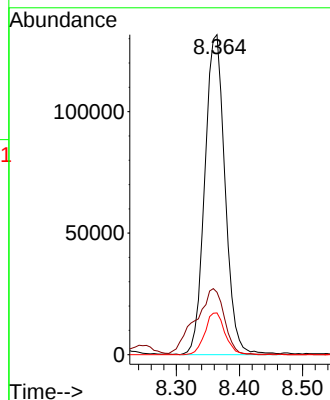
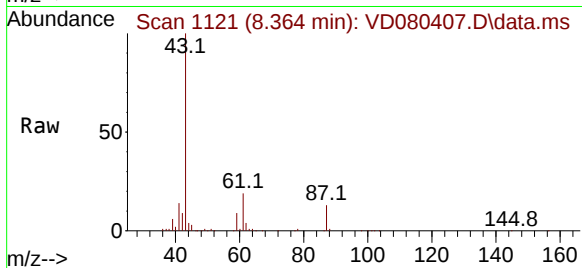
Tgt Ion: 43 Resp: 293075

Ion Ratio Lower Upper

43 100

61 29.1 24.4 36.6

87 13.0 10.2 15.4



#44

Trichloroethene

Concen: 100.310 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VD080407.D

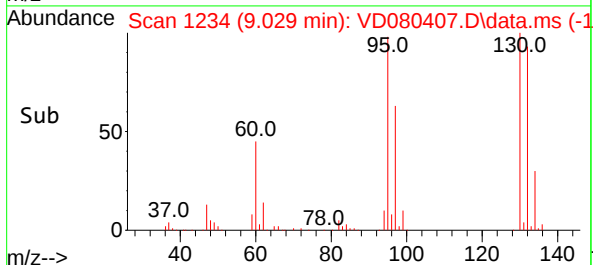
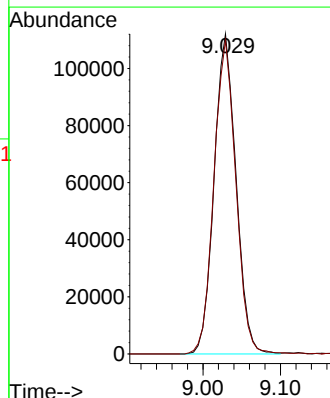
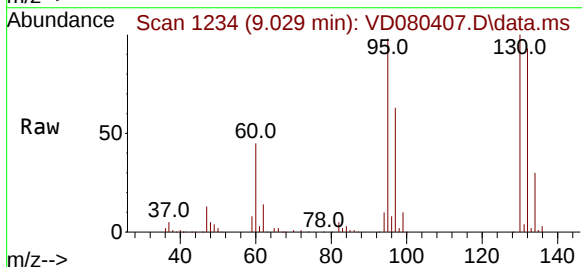
Acq: 04 Jun 2025 10:20

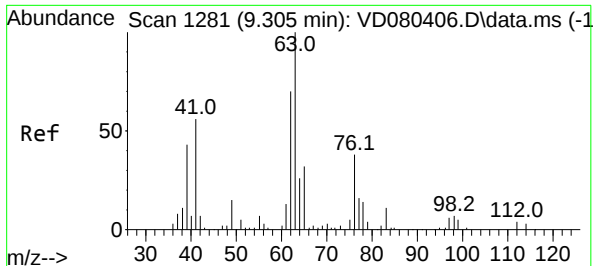
Tgt Ion:130 Resp: 220344

Ion Ratio Lower Upper

130 100

95 98.1 0.0 198.2





#45

1,2-Dichloropropane

Concen: 99.788 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

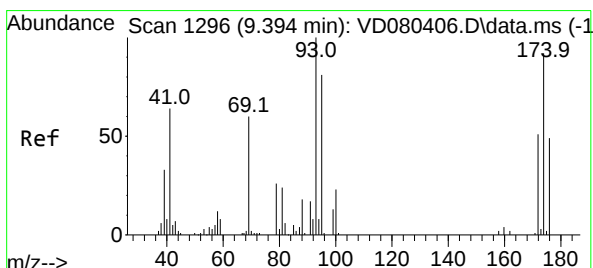
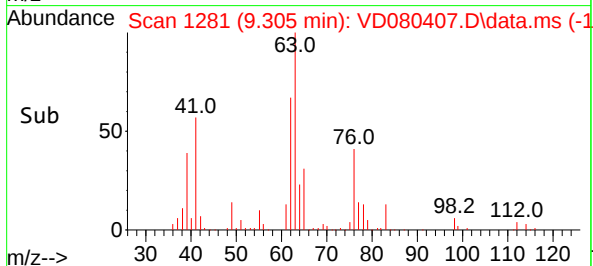
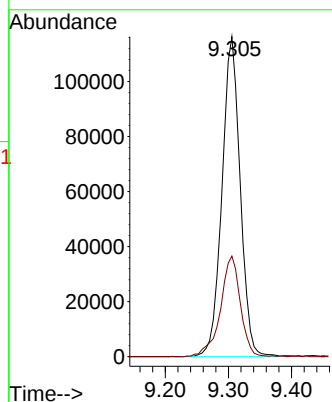
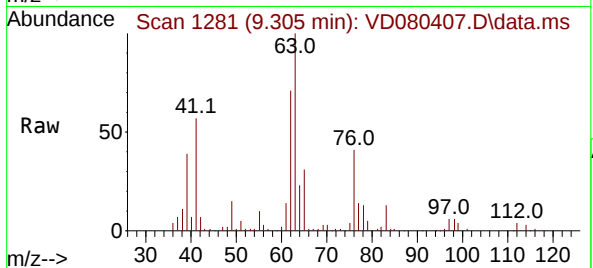
VSTDICC100

Tgt Ion: 63 Resp: 233045

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9



#46

Dibromomethane

Concen: 100.993 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

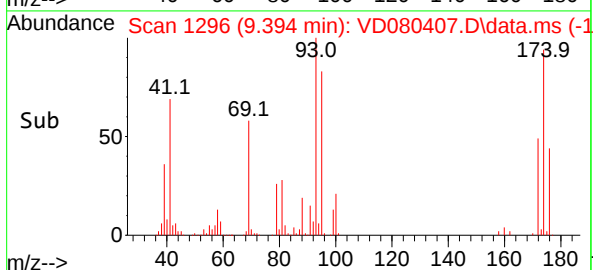
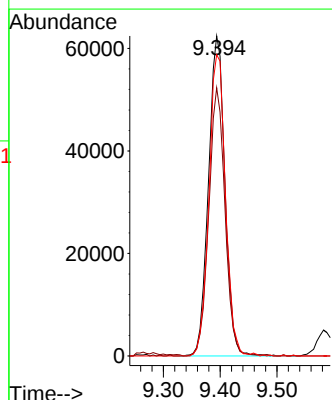
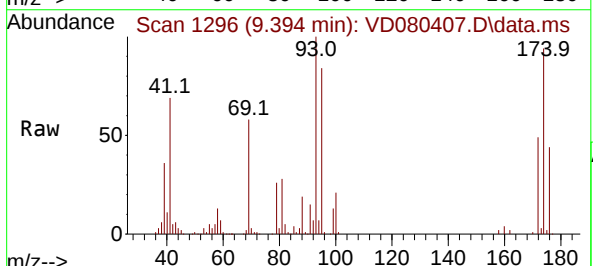
Tgt Ion: 93 Resp: 125569

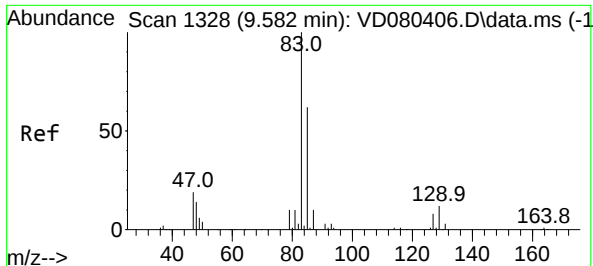
Ion Ratio Lower Upper

93 100

95 82.3 65.7 98.5

174 94.9 74.6 112.0

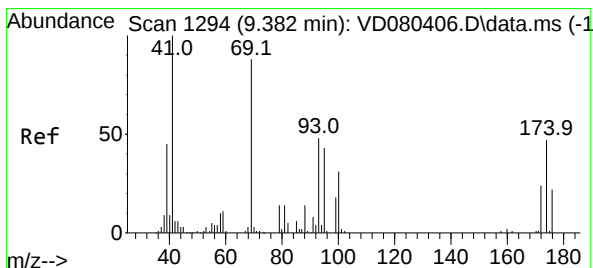
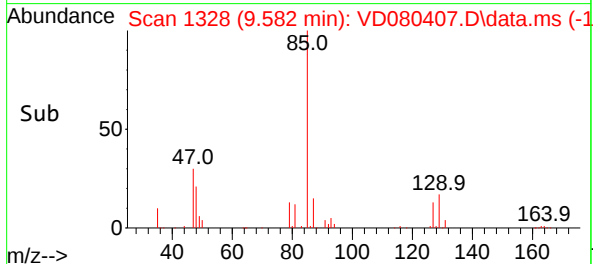
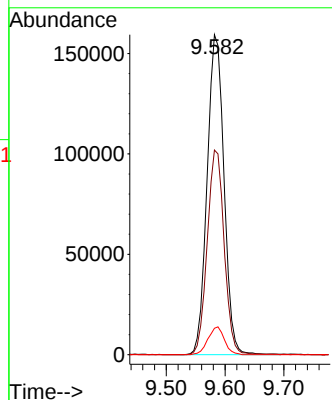
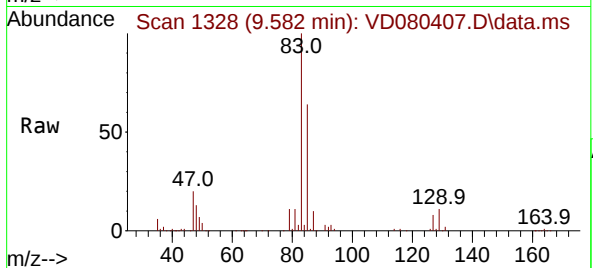




#47
Bromodichloromethane
Concen: 100.585 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

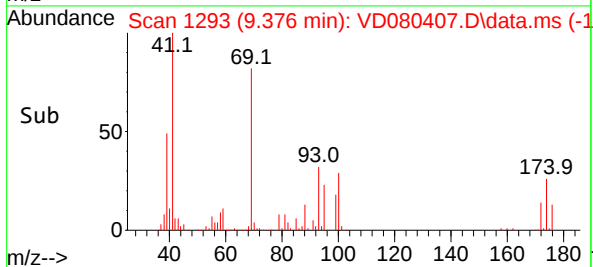
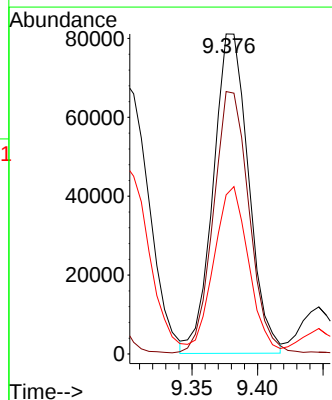
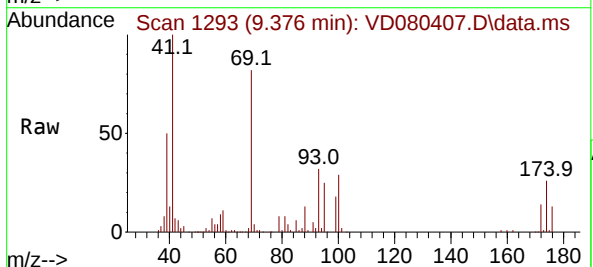
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

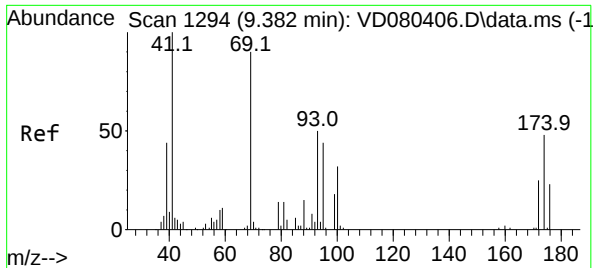
Tgt Ion: 83 Resp: 317623
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 109.207 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 41 Resp: 151983
Ion Ratio Lower Upper
41 100
69 82.7 67.1 100.7
39 47.9 38.2 57.2

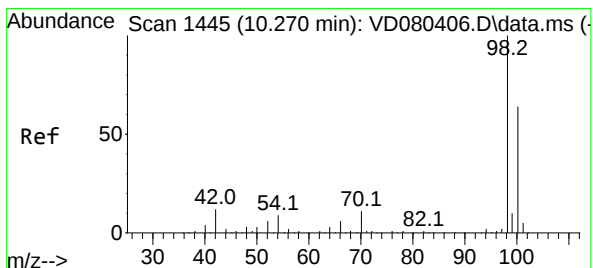
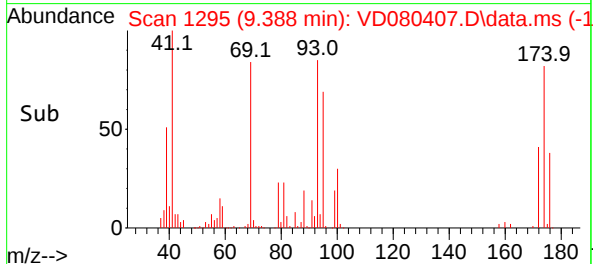
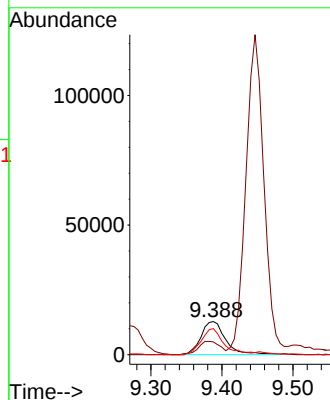
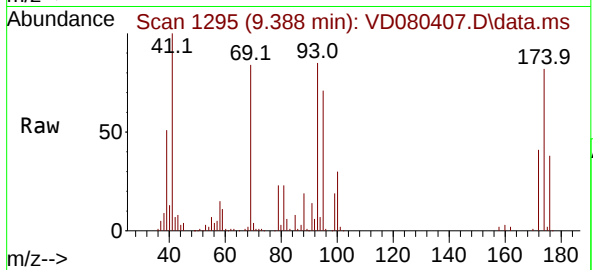




#49
1,4-Dioxane
Concen: 2226.153 ug/l
RT: 9.388 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

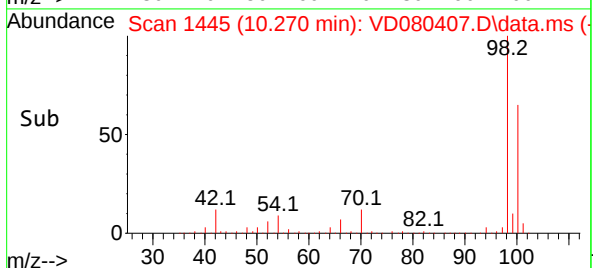
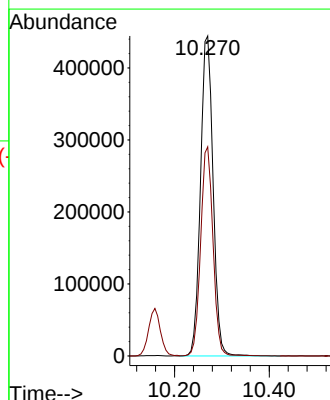
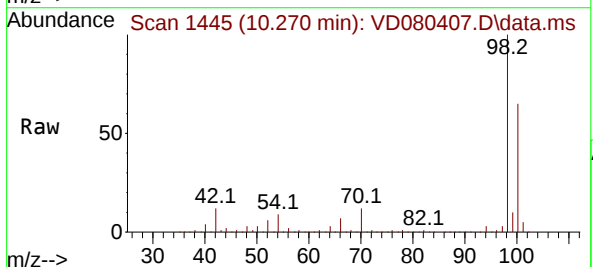
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

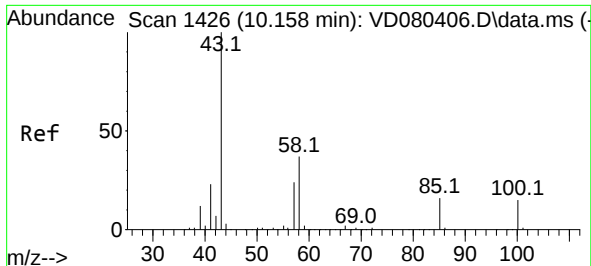
Tgt Ion: 88 Resp: 30876
Ion Ratio Lower Upper
88 100
43 35.5 29.9 44.9
58 70.7 61.8 92.8



#50
Toluene-d8
Concen: 107.810 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 98 Resp: 818576
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3

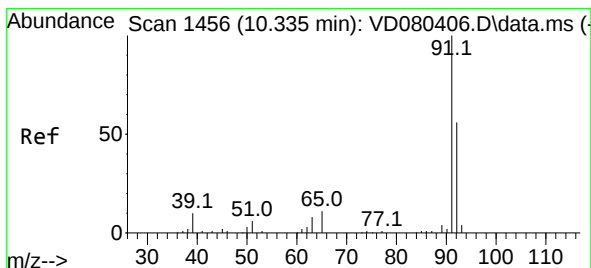
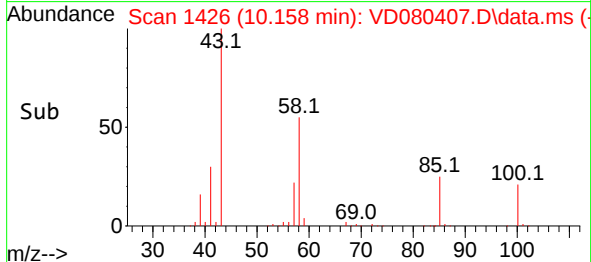
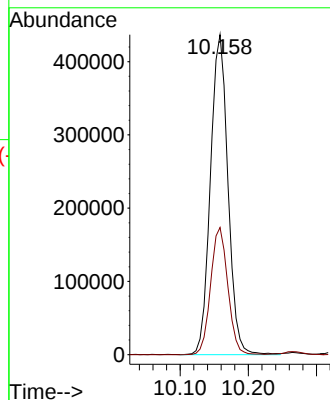
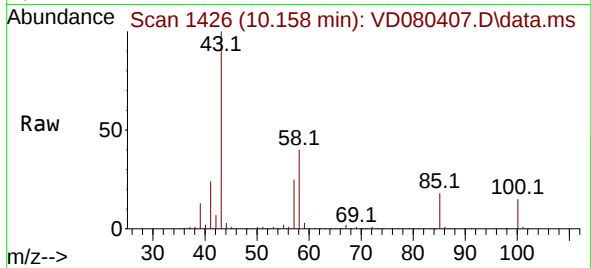




#51
4-Methyl-2-Pentanone
Concen: 539.689 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

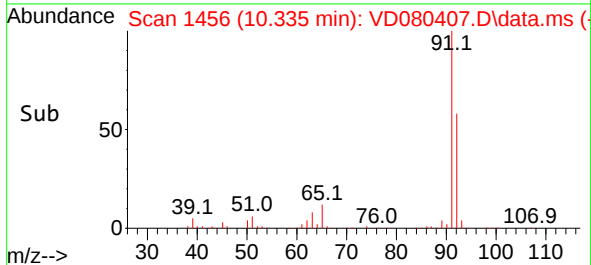
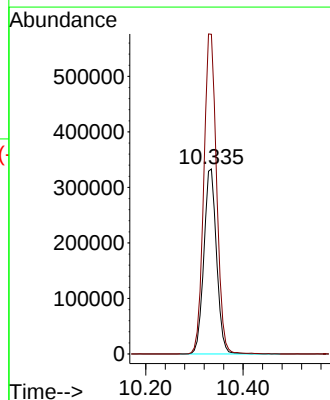
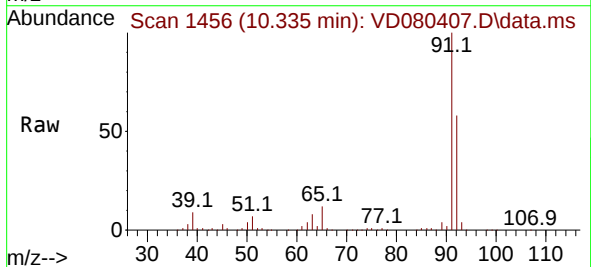
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

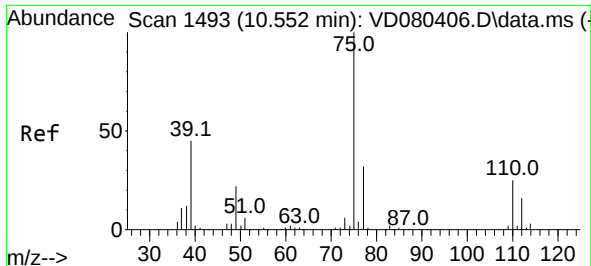
Tgt Ion: 43 Resp: 782368
Ion Ratio Lower Upper
43 100
58 38.9 30.2 45.2



#52
Toluene
Concen: 108.893 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 92 Resp: 600666
Ion Ratio Lower Upper
92 100
91 174.6 140.5 210.7

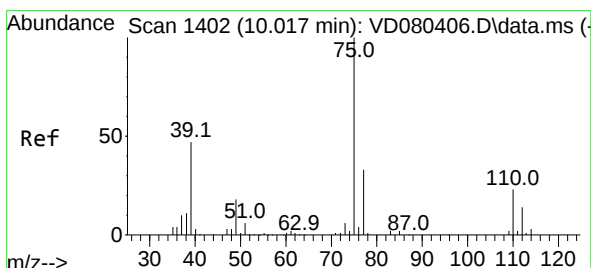
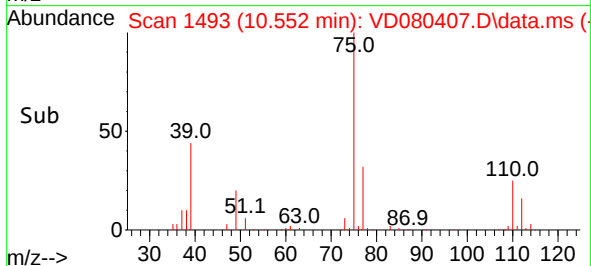
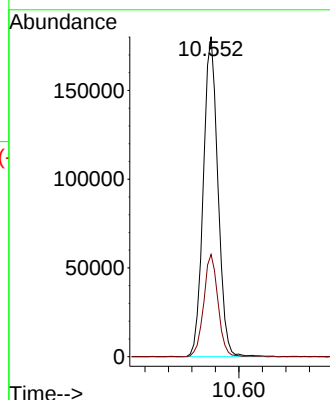
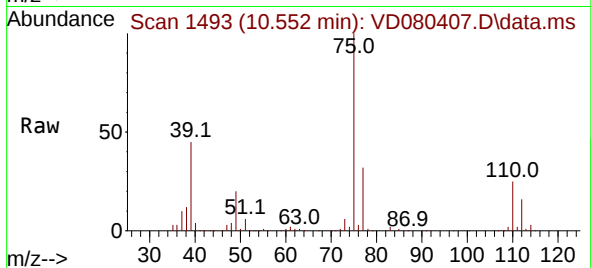




#53
t-1,3-Dichloropropene
Concen: 110.025 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

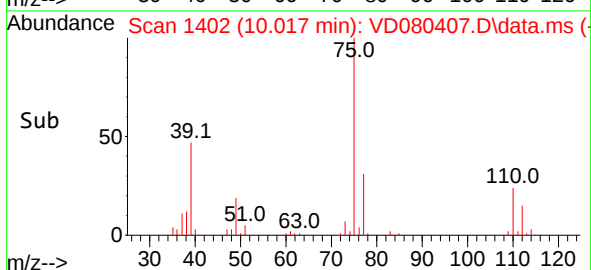
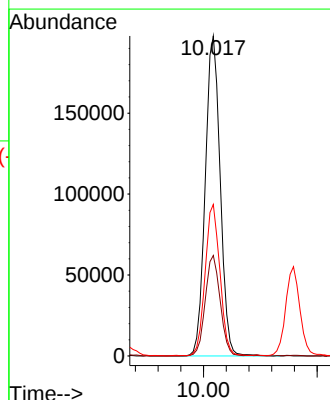
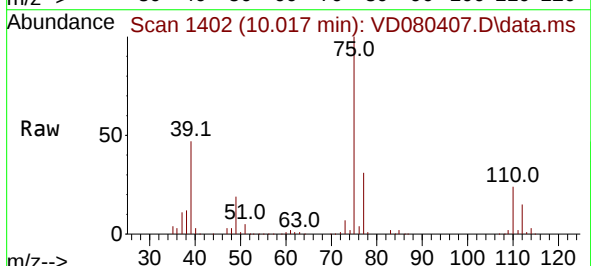
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

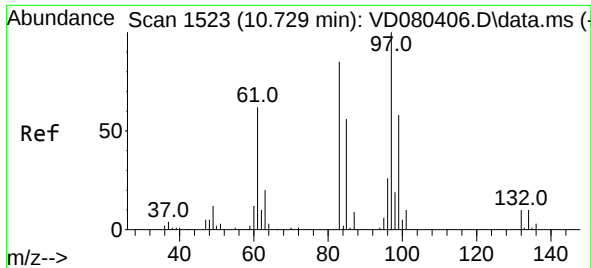
Tgt Ion: 75 Resp: 310003
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 105.643 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 75 Resp: 360255
Ion Ratio Lower Upper
75 100
77 31.4 26.6 40.0
39 47.2 37.8 56.6

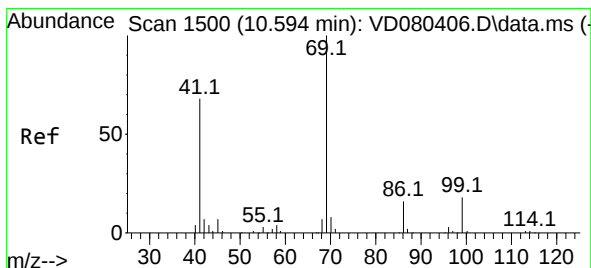
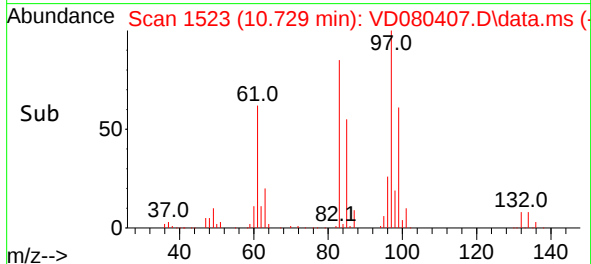
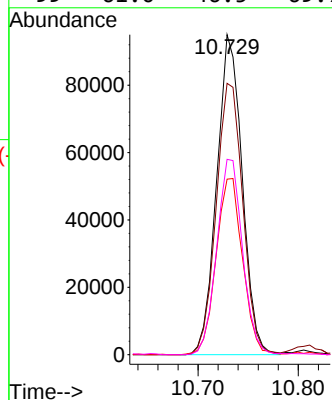
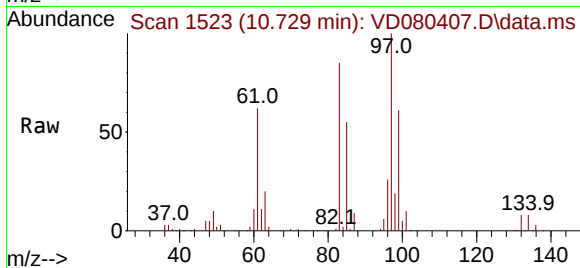




#55
1,1,2-Trichloroethane
Concen: 103.464 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

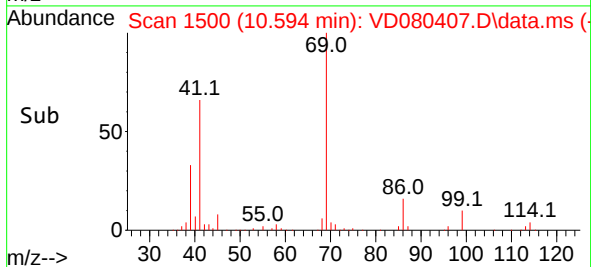
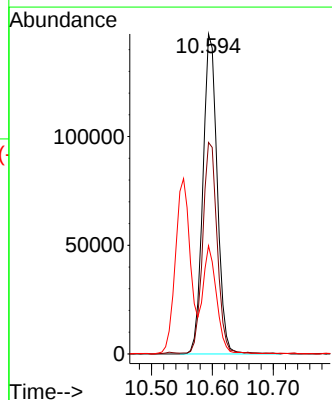
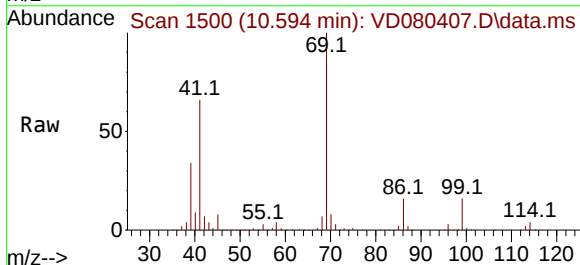
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

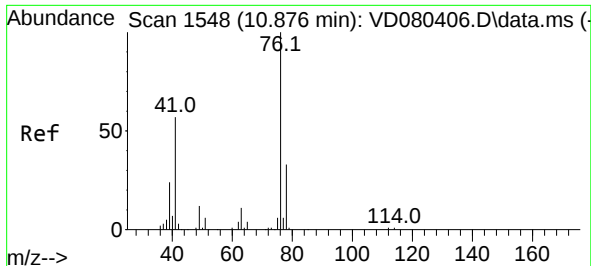
Tgt Ion:	97	Resp:	167499
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.6	101.4
85	54.8	45.0	67.6
99	61.0	46.5	69.7



#56
Ethyl methacrylate
Concen: 117.077 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion:	69	Resp:	240926
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.6	80.4
39	31.5	27.2	40.8

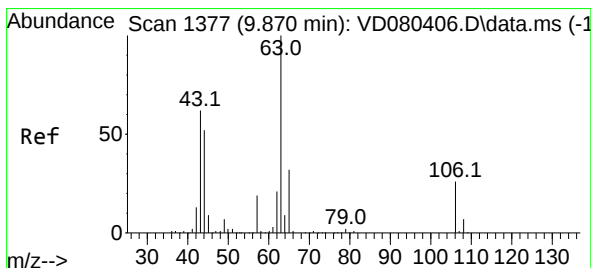
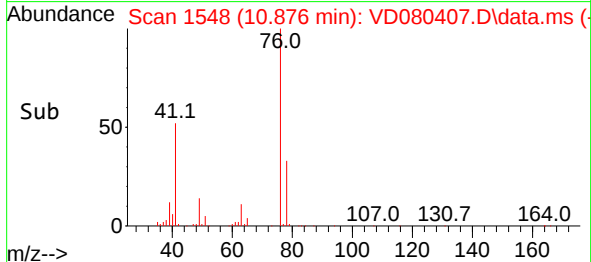
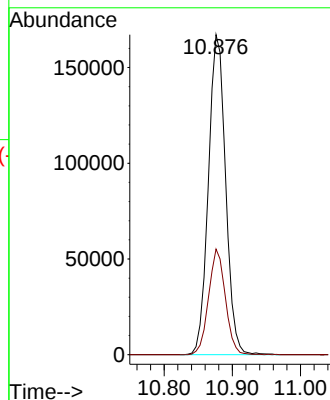
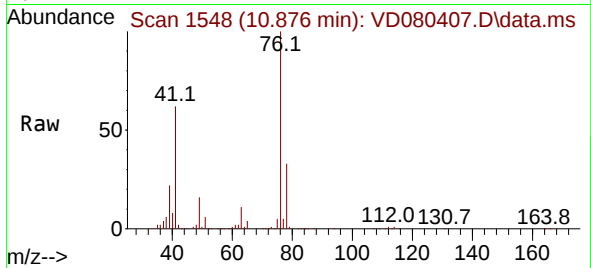




#57
1,3-Dichloropropane
Concen: 105.910 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

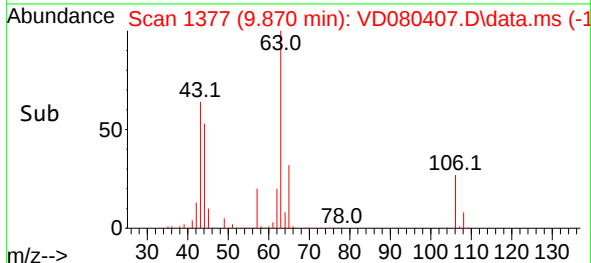
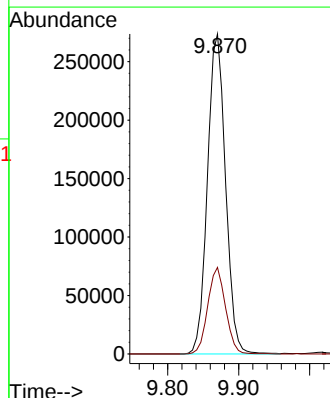
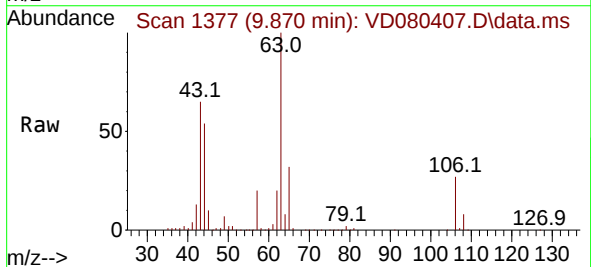
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

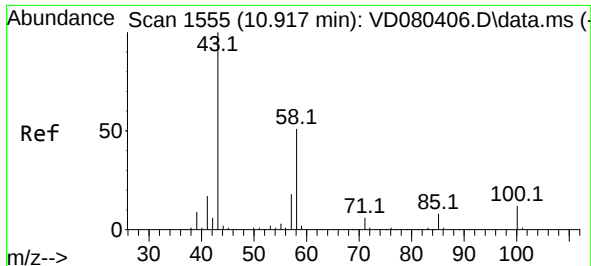
Tgt Ion: 76 Resp: 294102
Ion Ratio Lower Upper
76 100
78 32.1 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 561.372 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 63 Resp: 484120
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.6

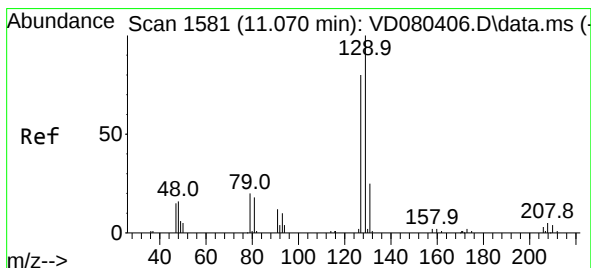
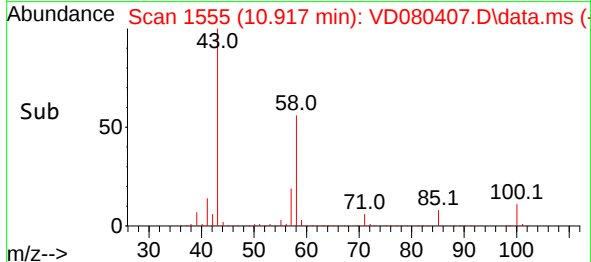
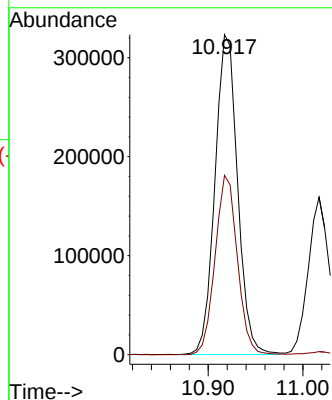
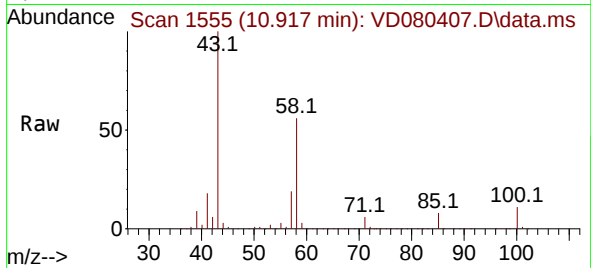




#59
2-Hexanone
Concen: 551.111 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

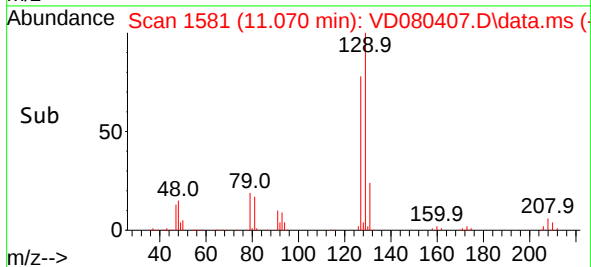
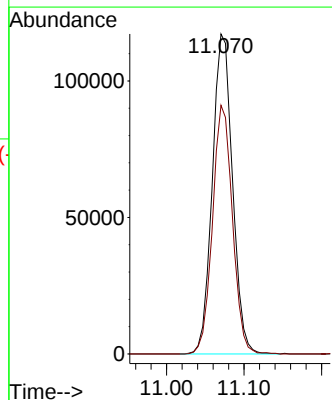
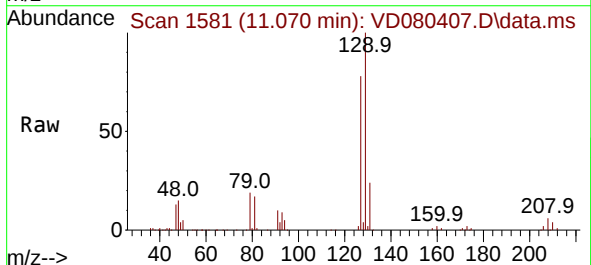
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

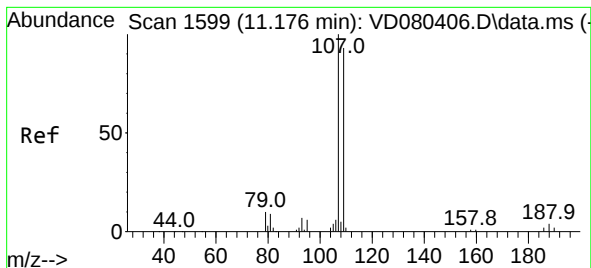
Tgt Ion: 43 Resp: 536663
Ion Ratio Lower Upper
43 100
58 55.2 26.9 80.6



#60
Dibromochloromethane
Concen: 106.743 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 129 Resp: 211862
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6

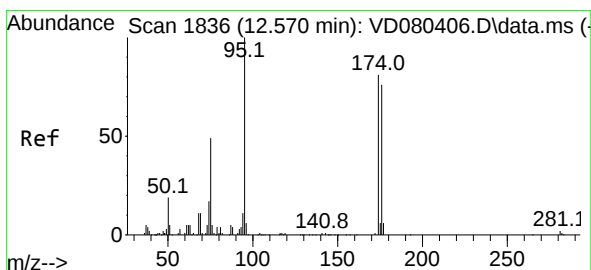
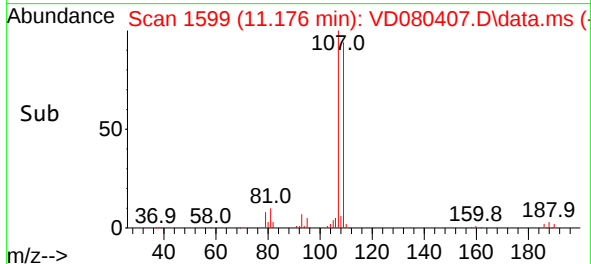
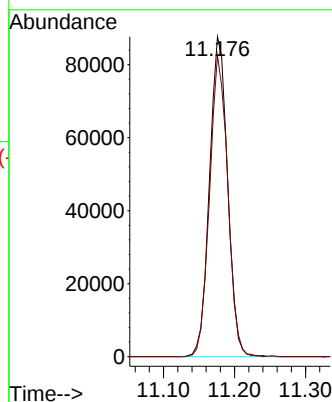
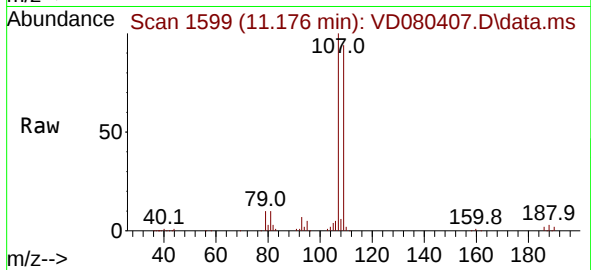




#61
1,2-Dibromoethane
Concen: 107.320 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

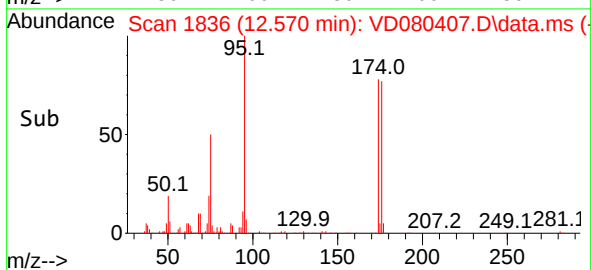
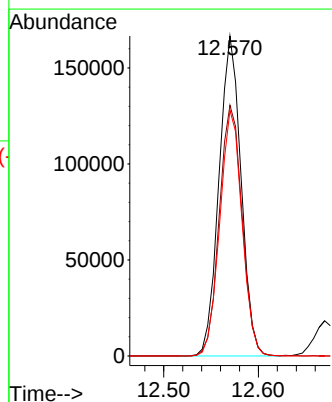
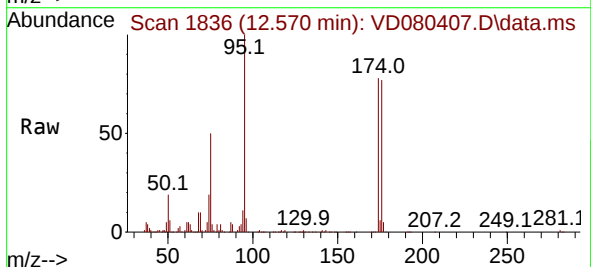
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

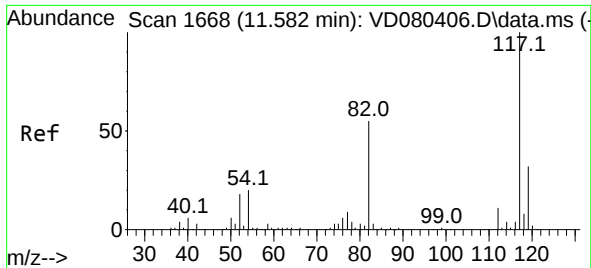
Tgt Ion:107 Resp: 154983
Ion Ratio Lower Upper
107 100
109 94.5 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 112.906 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 95 Resp: 269207
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.4
176 77.4 0.0 155.8

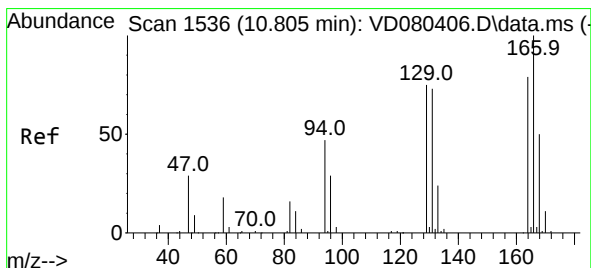
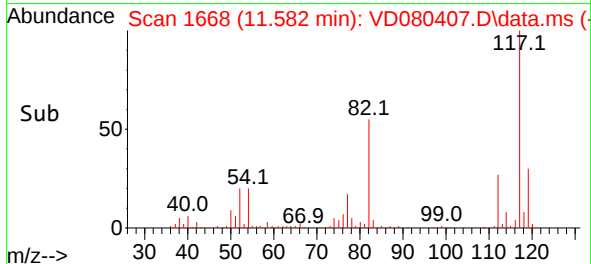
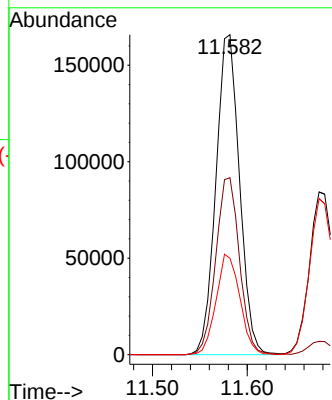
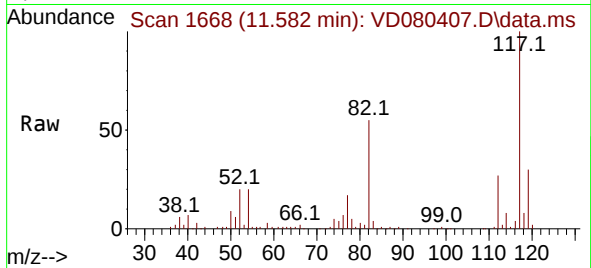




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

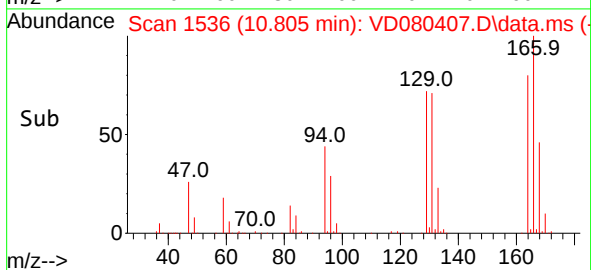
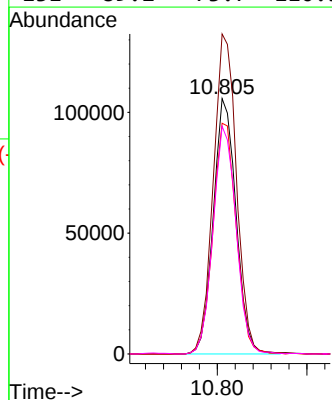
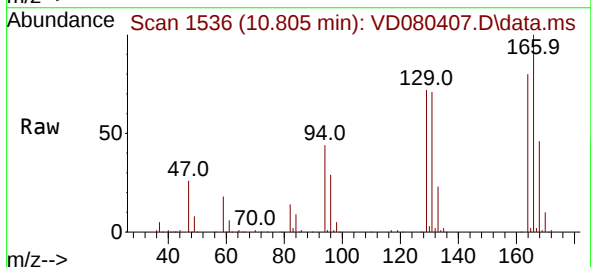
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

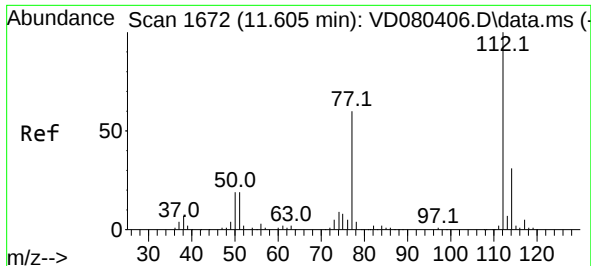
Tgt Ion:117 Resp: 287925
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 30.1 25.3 37.9



#64
Tetrachloroethene
Concen: 96.237 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion:164 Resp: 186046
Ion Ratio Lower Upper
164 100
166 125.3 101.7 152.5
129 90.4 76.6 114.8
131 89.2 73.7 110.5

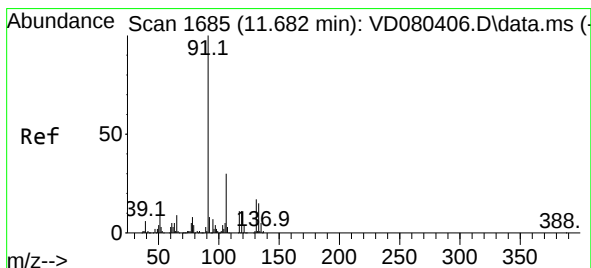
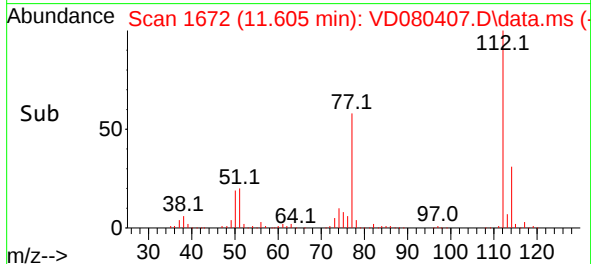
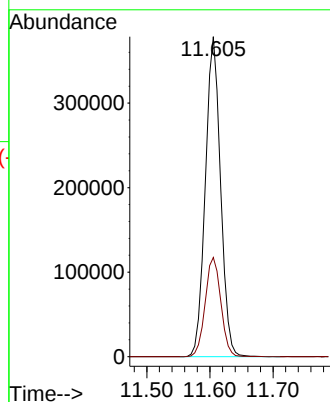
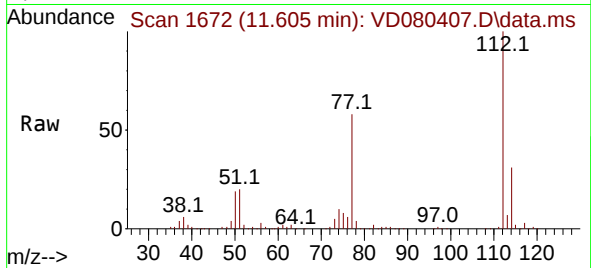




#65
Chlorobenzene
Concen: 99.183 ug/l
RT: 11.605 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

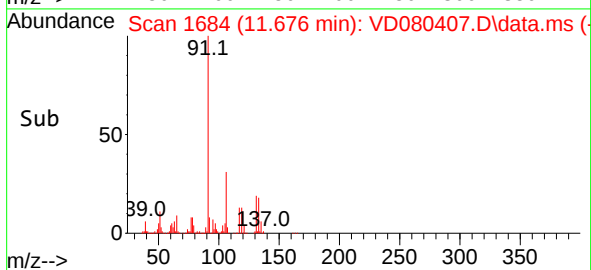
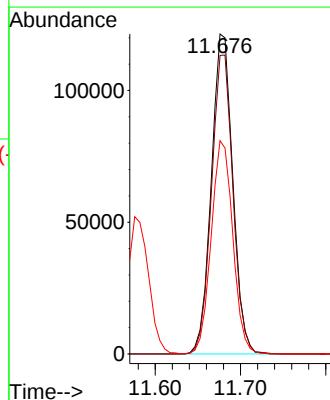
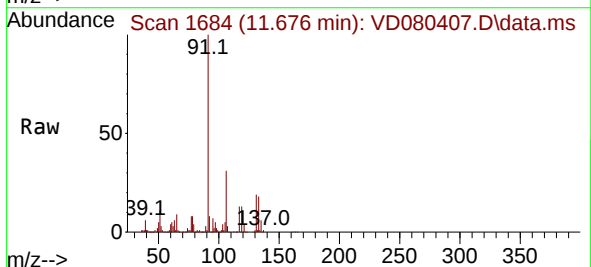
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

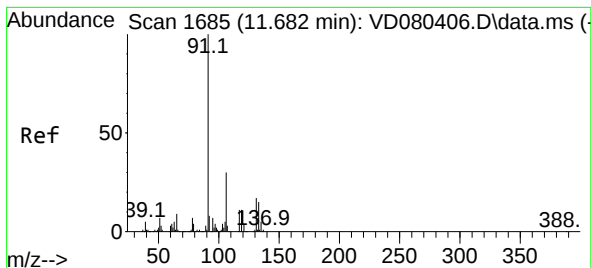
Tgt Ion:112 Resp: 631652
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 99.166 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion:131 Resp: 212031
Ion Ratio Lower Upper
131 100
133 93.9 45.9 137.6
119 67.2 33.1 99.5





#67

Ethyl Benzene

Concen: 105.136 ug/l

RT: 11.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

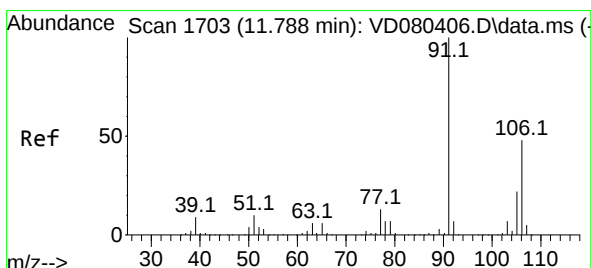
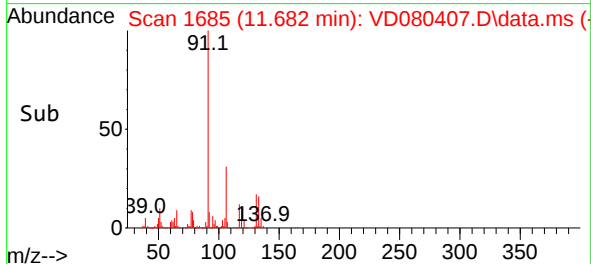
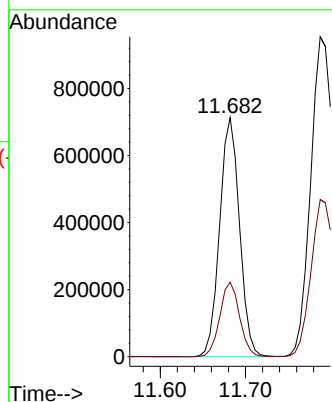
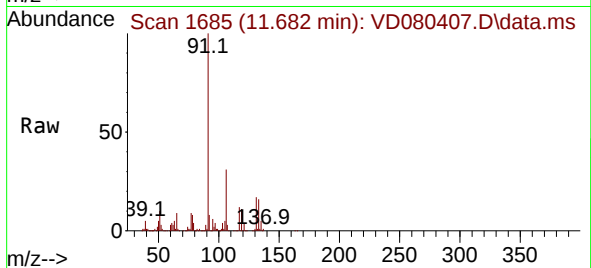
VSTDIC100

Tgt Ion: 91 Resp: 1152227

Ion Ratio Lower Upper

91 100

106 31.2 24.4 36.6



#68

m/p-Xylenes

Concen: 213.201 ug/l

RT: 11.788 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD080407.D

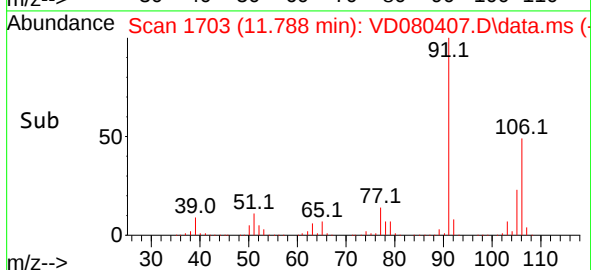
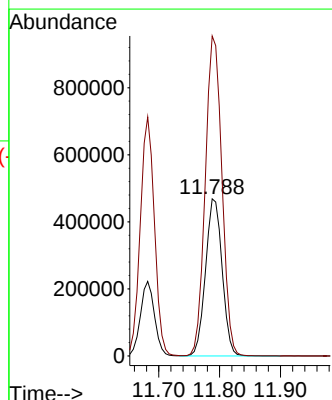
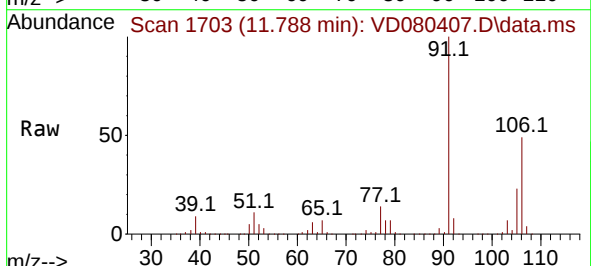
Acq: 04 Jun 2025 10:20

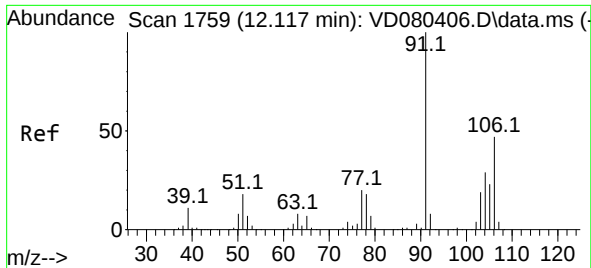
Tgt Ion:106 Resp: 886677

Ion Ratio Lower Upper

106 100

91 204.5 163.6 245.4

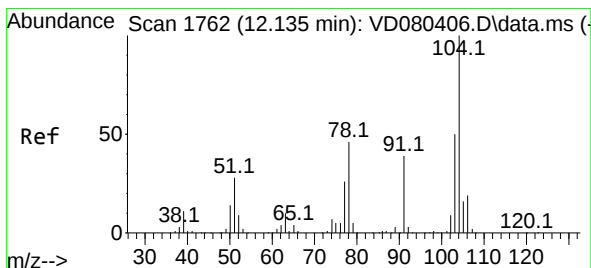
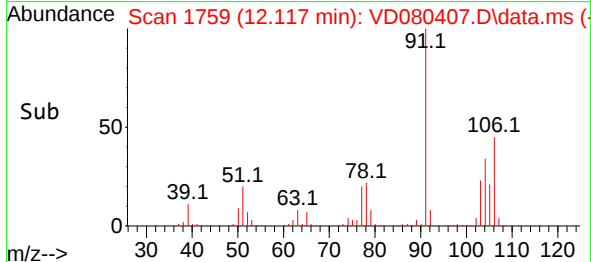
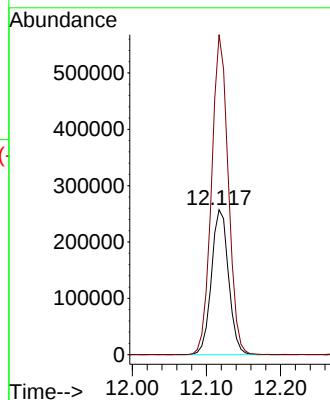
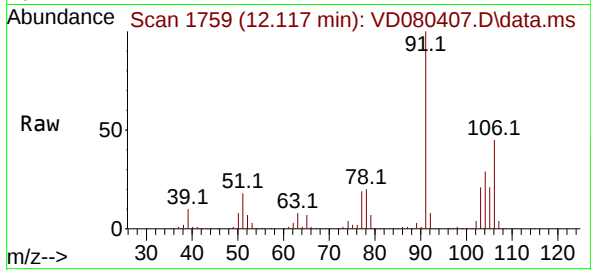




#69
o-Xylene
Concen: 107.063 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

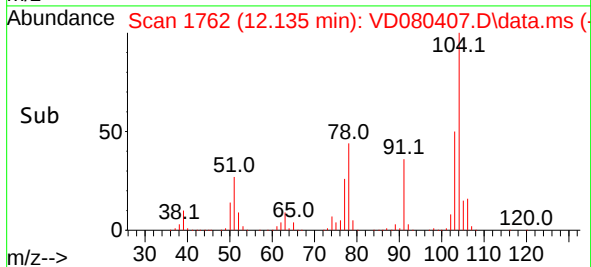
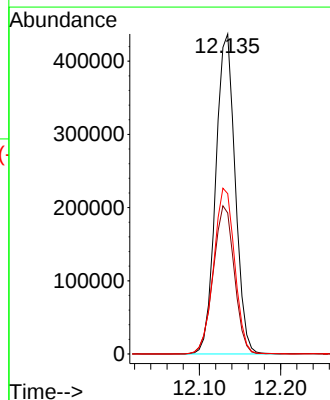
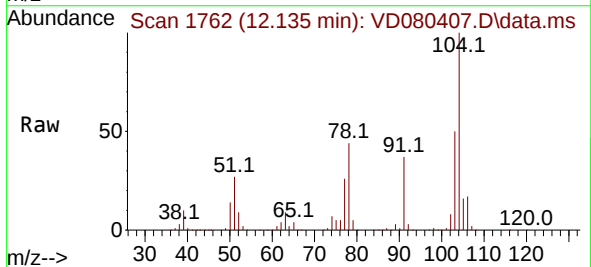
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

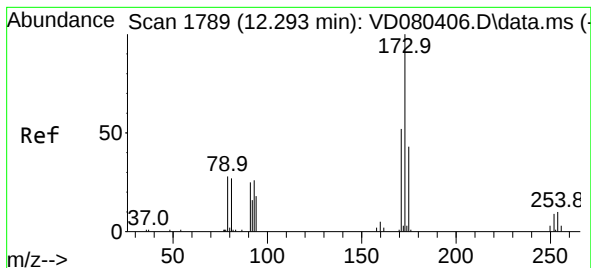
Tgt Ion:106 Resp: 413156
Ion Ratio Lower Upper
106 100
91 215.9 108.2 324.6



#70
Styrene
Concen: 106.866 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion:104 Resp: 727874
Ion Ratio Lower Upper
104 100
78 50.2 39.9 59.9
103 56.1 45.0 67.4





#71

Bromoform

Concen: 101.817 ug/l

RT: 12.294 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

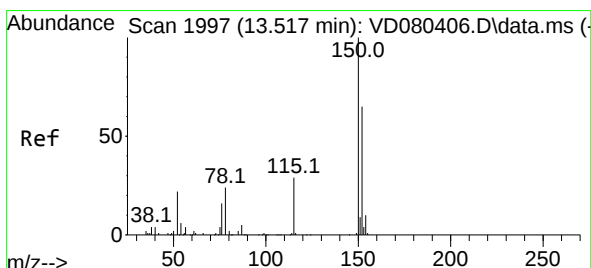
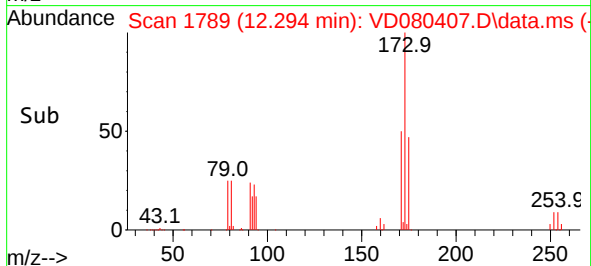
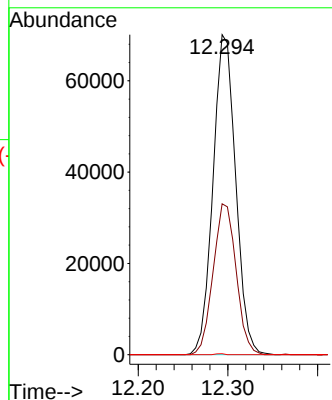
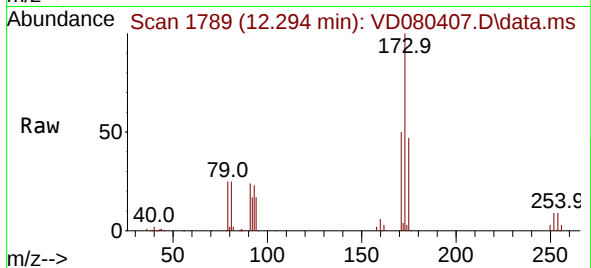
Tgt Ion:173 Resp: 123069

Ion Ratio Lower Upper

173 100

175 47.7 23.4 70.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.511 min Scan# 1996

Delta R.T. -0.006 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

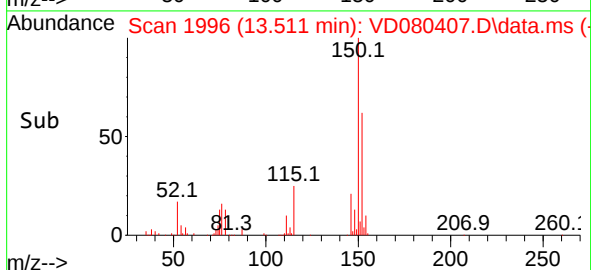
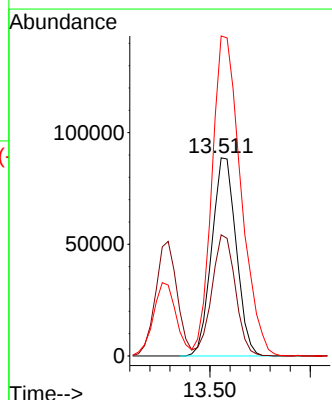
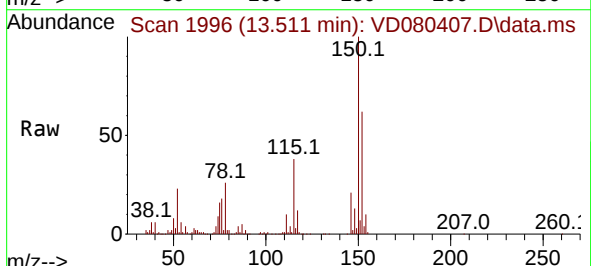
Tgt Ion:152 Resp: 150054

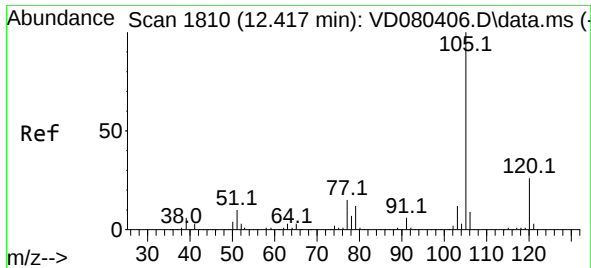
Ion Ratio Lower Upper

152 100

115 59.3 30.1 90.5

150 191.2 0.0 354.2

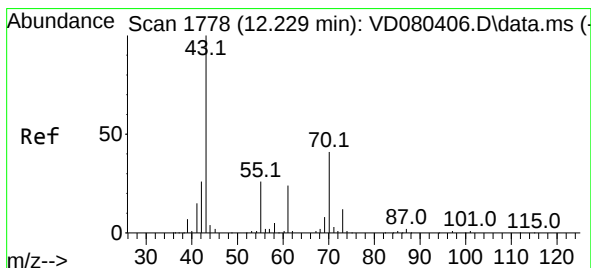
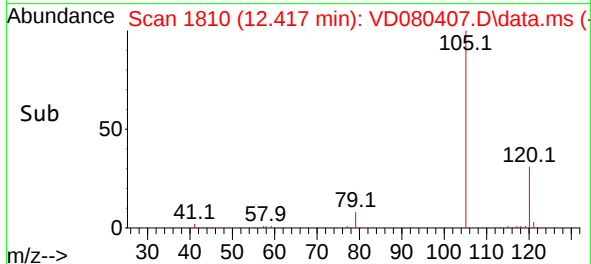
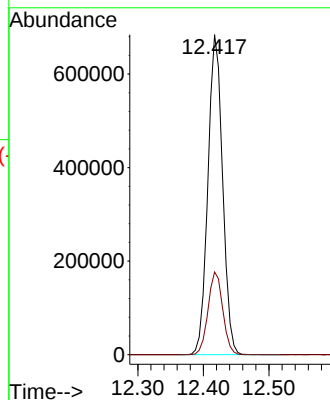
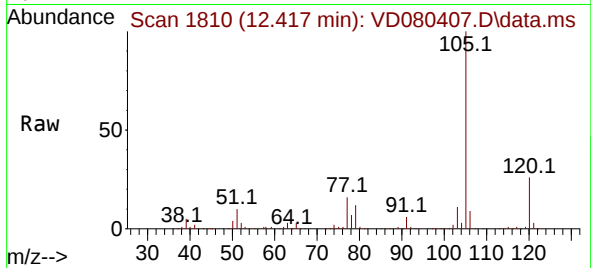




#73
Isopropylbenzene
Concen: 104.530 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

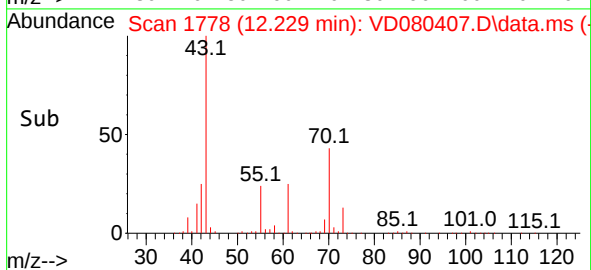
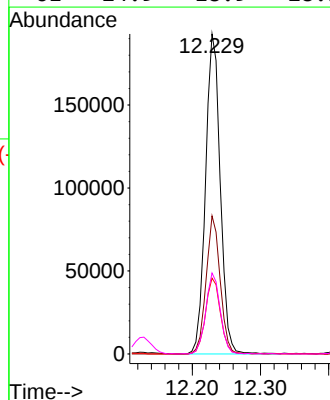
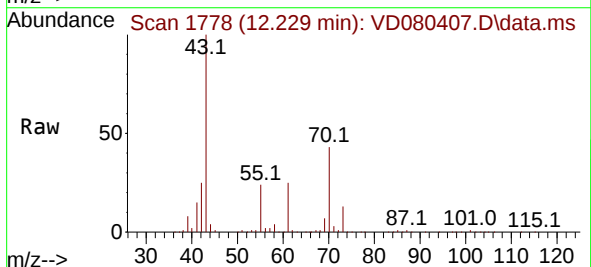
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

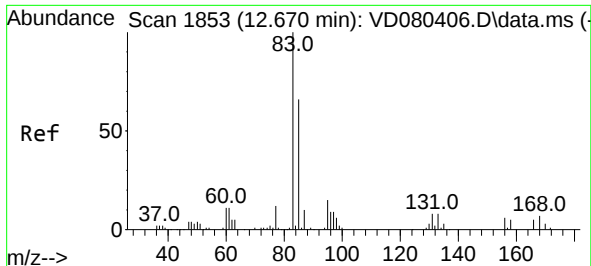
Tgt Ion:105 Resp: 1064703
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7



#74
N-ethyl acetate
Concen: 101.879 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 43 Resp: 289730
Ion Ratio Lower Upper
43 100
70 41.2 32.6 48.8
55 24.1 20.0 30.0
61 24.9 18.9 28.3

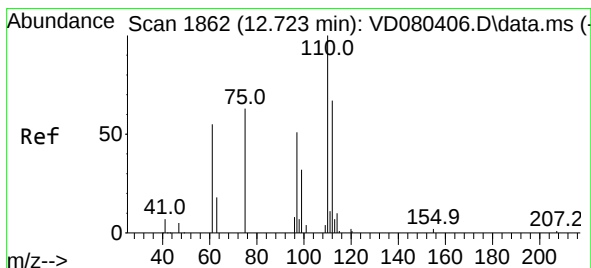
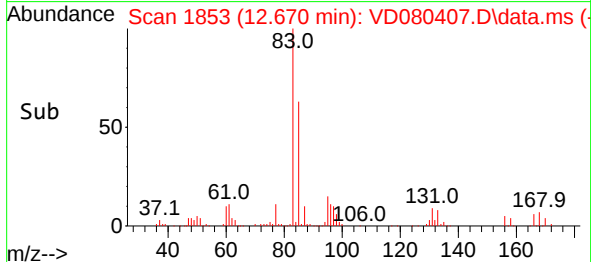
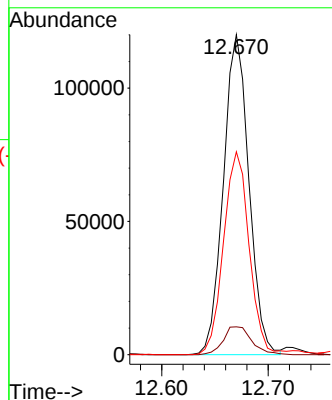
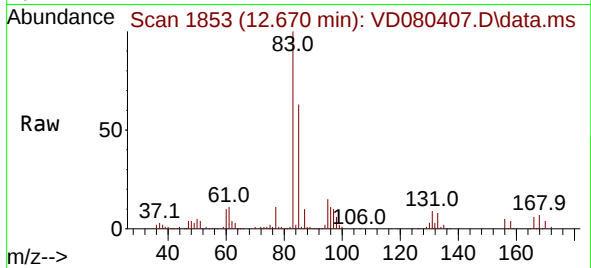




#75
1,1,2-Tetrachloroethane
Concen: 94.783 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

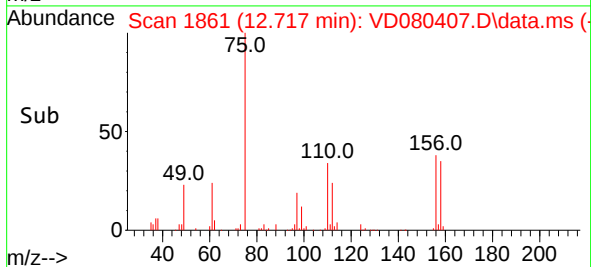
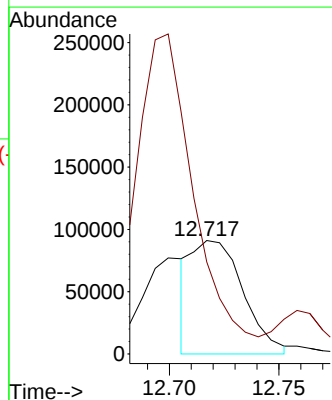
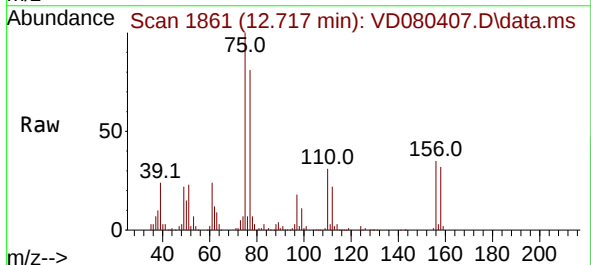
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

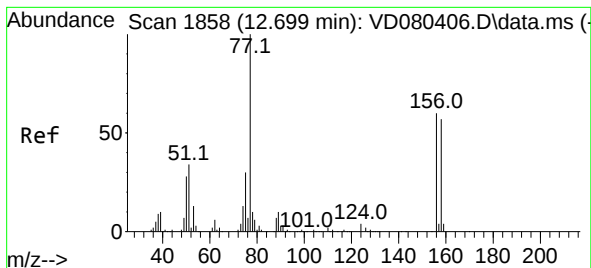
Tgt Ion: 83 Resp: 199691
Ion Ratio Lower Upper
83 100
131 9.7 4.6 13.8
85 64.5 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 86.339 ug/l m
RT: 12.717 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 75 Resp: 149621
Ion Ratio Lower Upper
75 100
77 319.5 0.0 0.0#





#77

Bromobenzene

Concen: 99.637 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

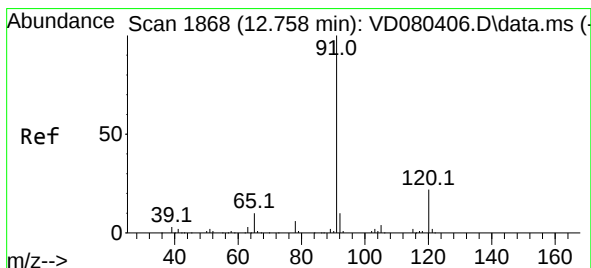
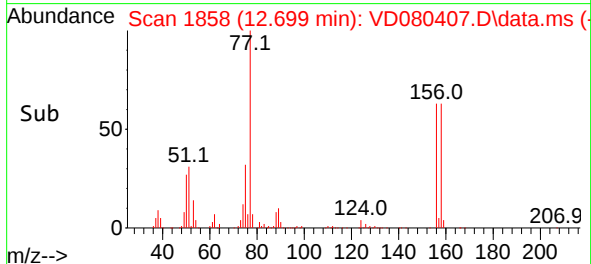
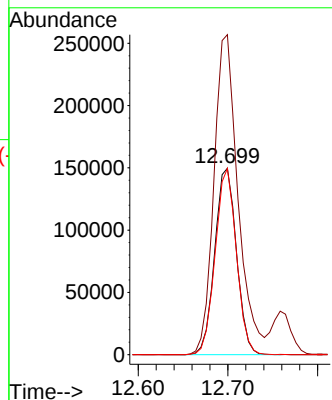
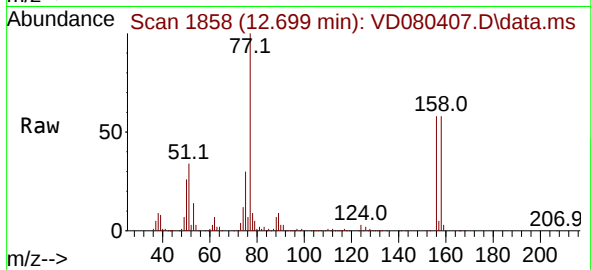
Tgt Ion:156 Resp: 251649

Ion Ratio Lower Upper

156 100

77 190.0 95.3 286.1

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 100.861 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080407.D

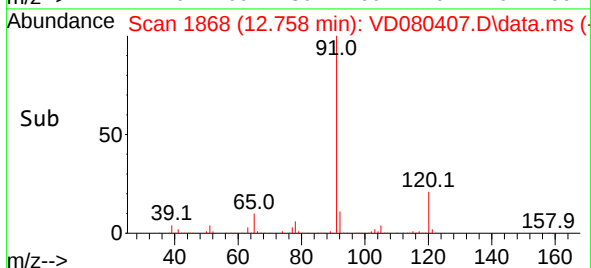
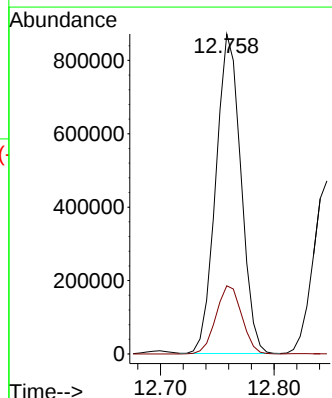
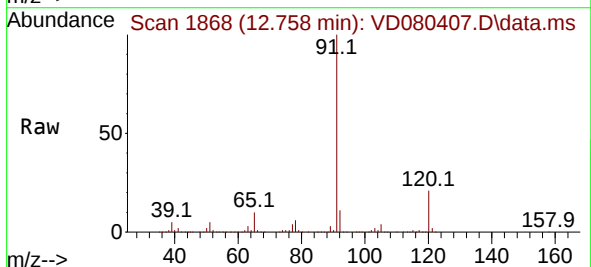
Acq: 04 Jun 2025 10:20

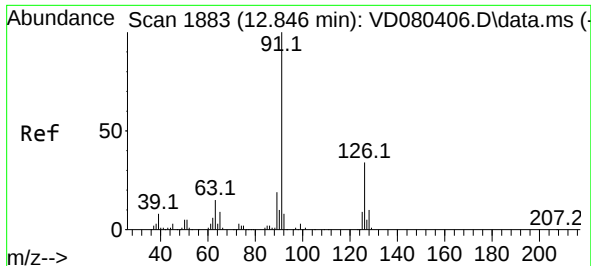
Tgt Ion: 91 Resp: 1334136

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.5

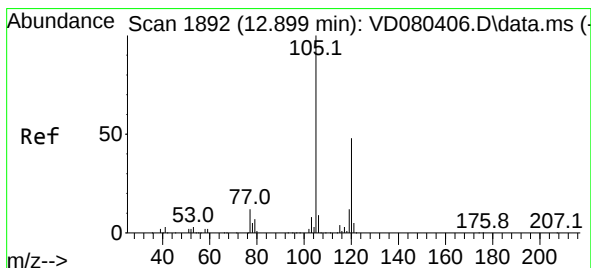
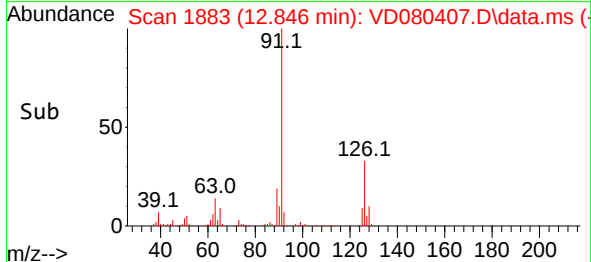
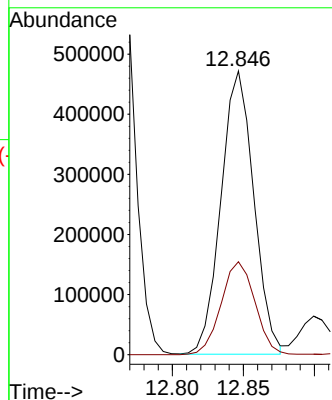
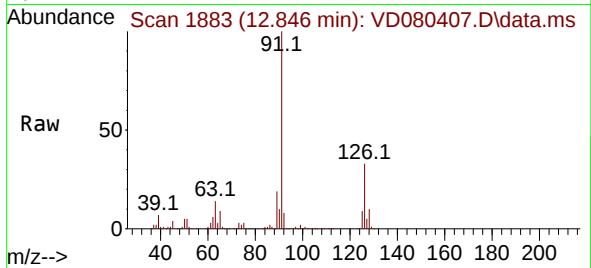




#79
2-Chlorotoluene
Concen: 100.256 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

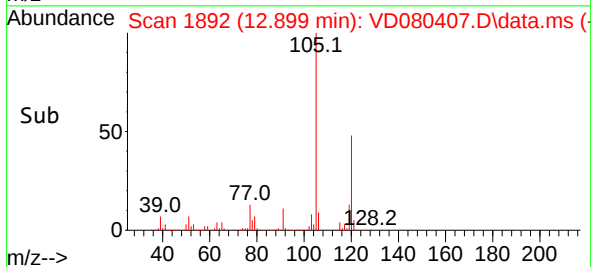
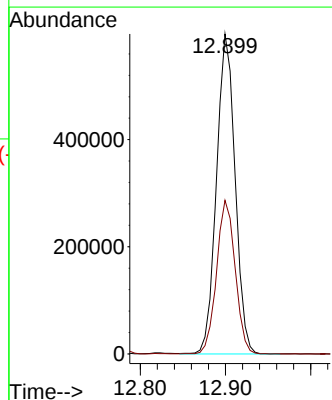
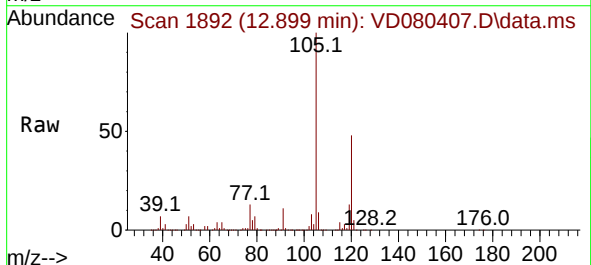
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

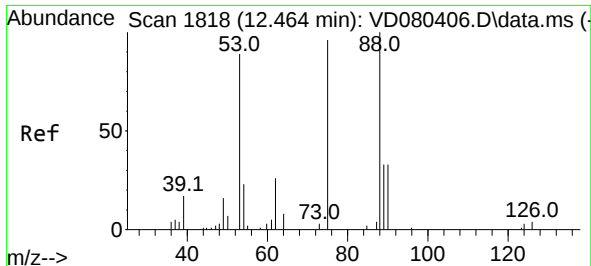
Tgt Ion: 91 Resp: 758180
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 103.801 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 105 Resp: 905081
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.4

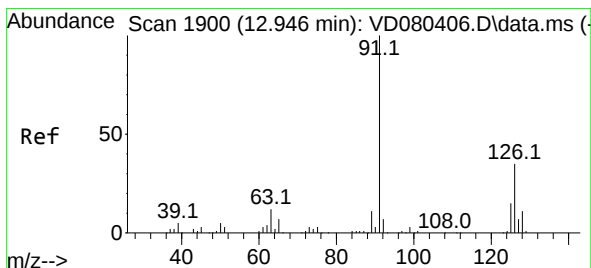
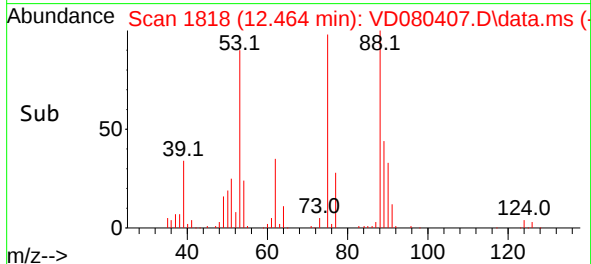
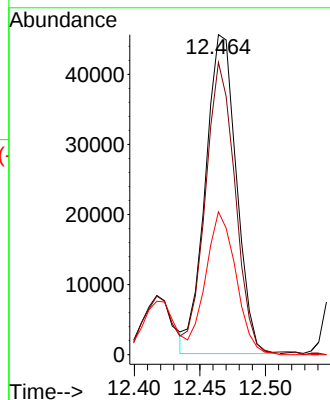
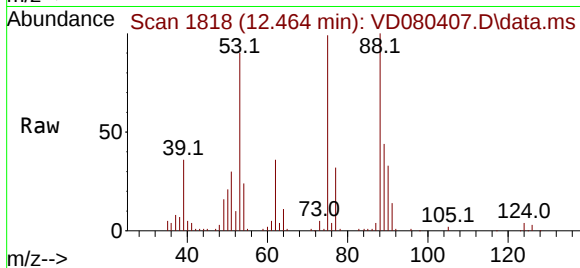




#81
trans-1,4-Dichloro-2-butene
Concen: 96.608 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

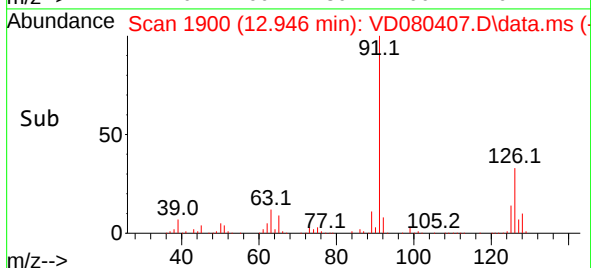
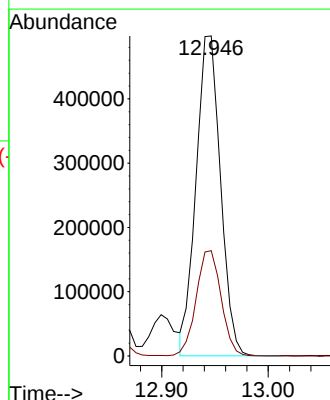
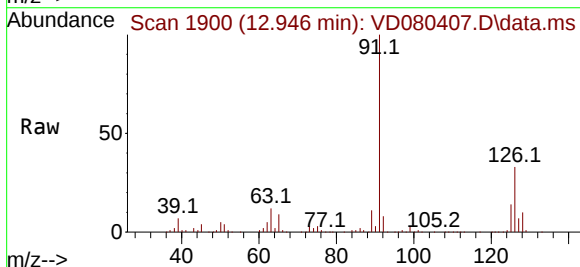
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

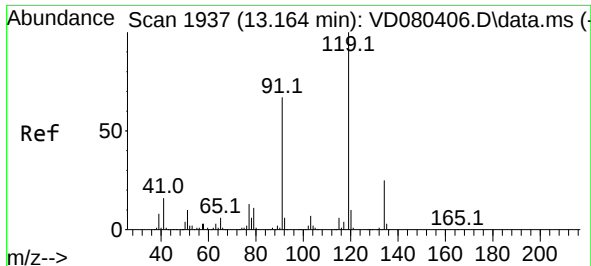
Tgt Ion: 75 Resp: 74785
Ion Ratio Lower Upper
75 100
53 88.2 69.9 104.9
89 43.6 34.1 51.1



#82
4-Chlorotoluene
Concen: 98.771 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 91 Resp: 795190
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

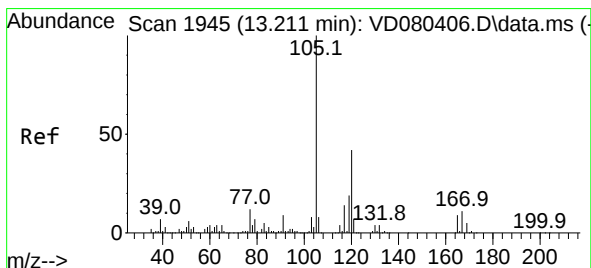
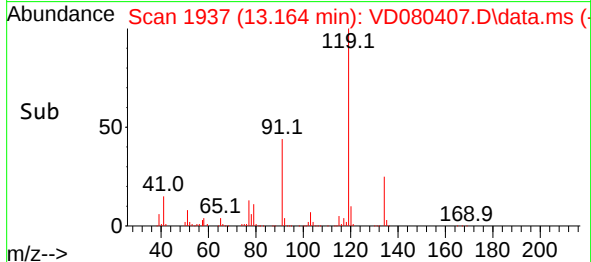
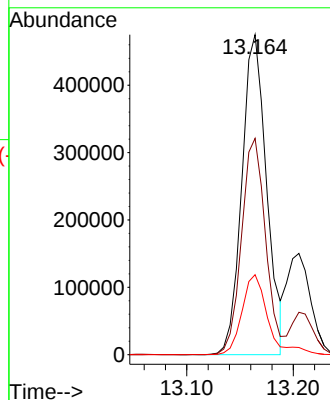
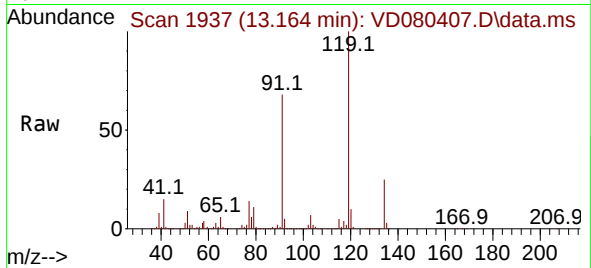




#83
tert-Butylbenzene
Concen: 105.674 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

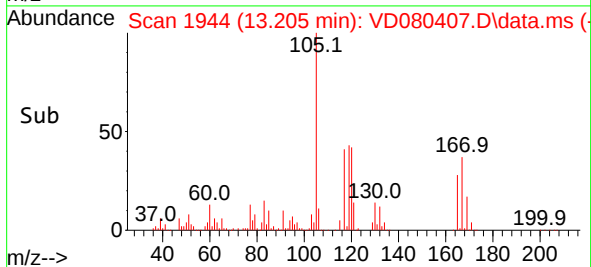
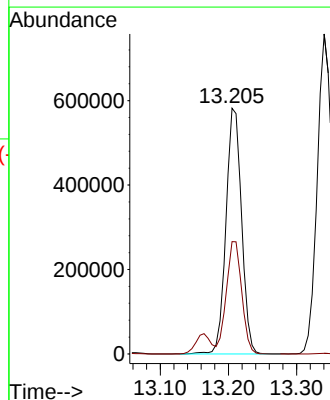
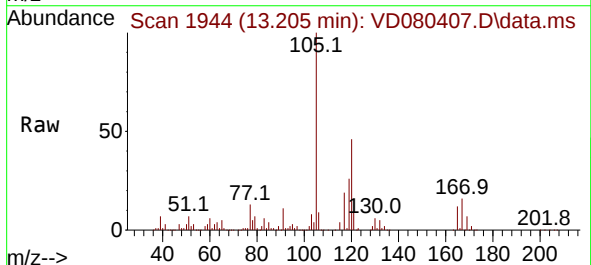
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

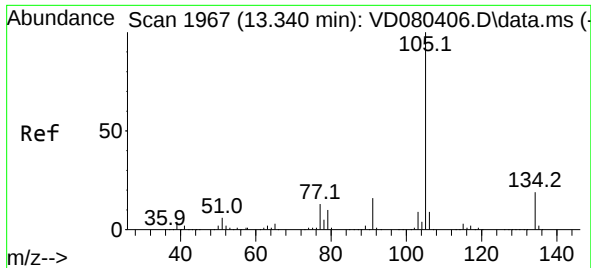
Tgt Ion:119 Resp: 766956
Ion Ratio Lower Upper
119 100
91 65.6 34.2 102.5
134 26.3 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 105.200 ug/l
RT: 13.205 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion:105 Resp: 925837
Ion Ratio Lower Upper
105 100
120 45.2 22.1 66.5

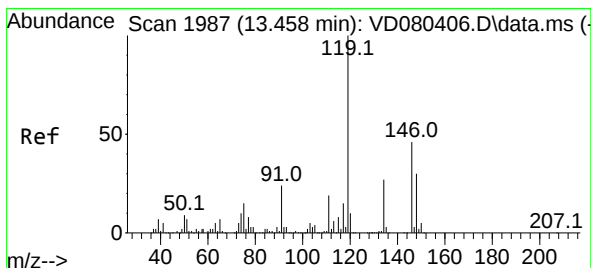
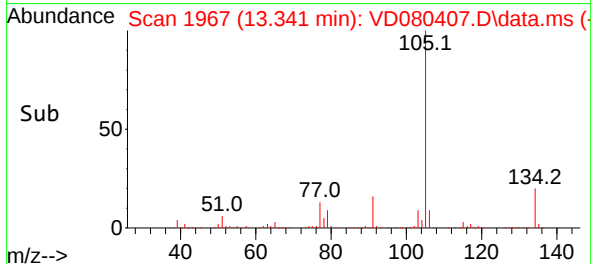
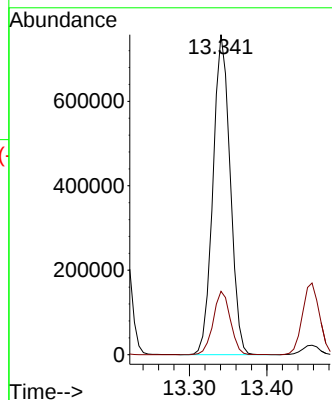
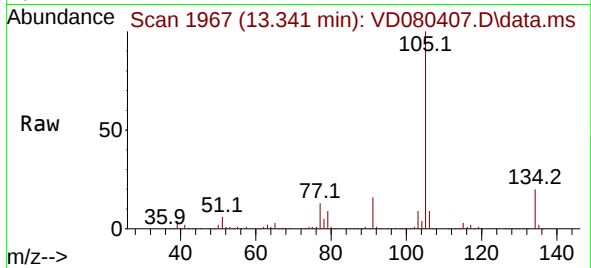




#85
 sec-Butylbenzene
 Concen: 104.811 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080407.D
 Acq: 04 Jun 2025 10:20

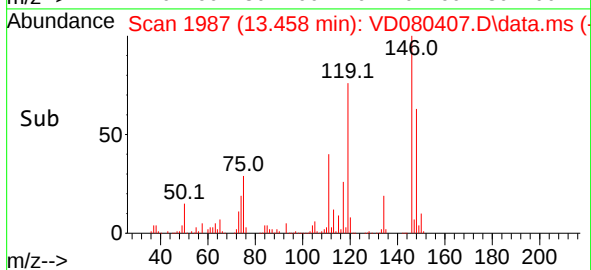
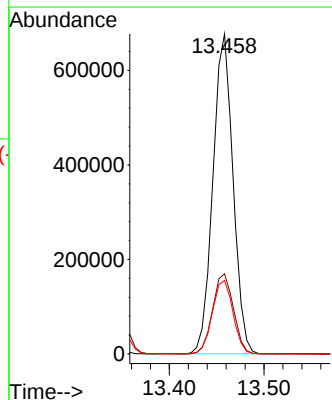
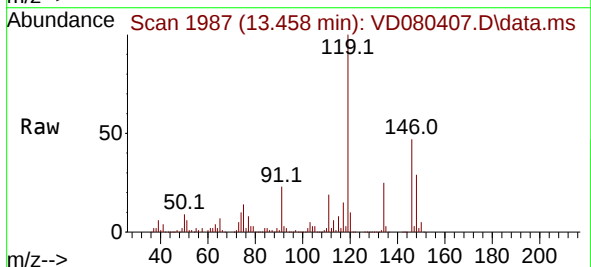
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

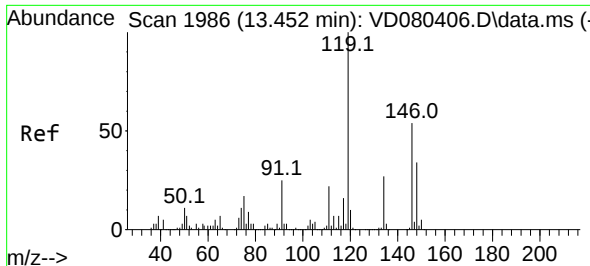
Tgt Ion:105 Resp: 1166897
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 105.646 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080407.D
 Acq: 04 Jun 2025 10:20

Tgt Ion:119 Resp: 997374
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 23.5 12.0 36.1

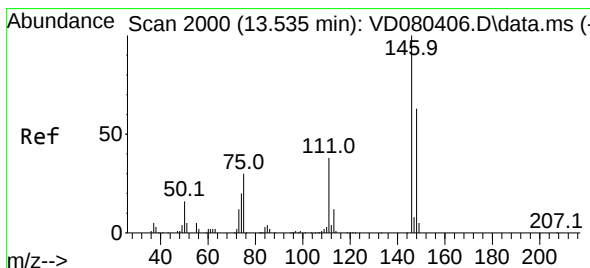
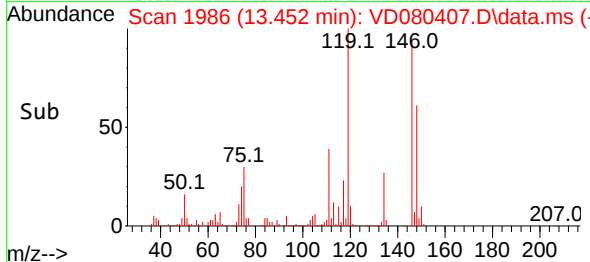
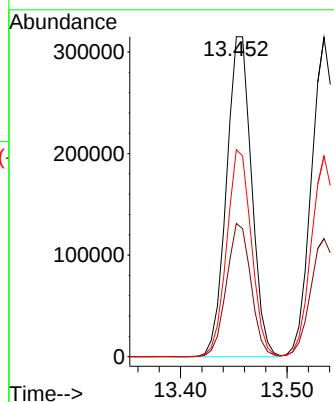
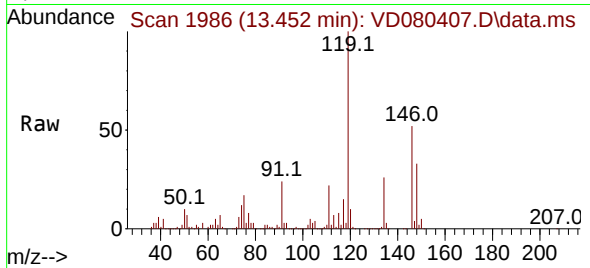




#87
1,3-Dichlorobenzene
Concen: 100.368 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

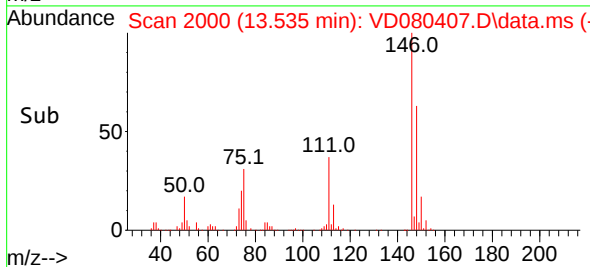
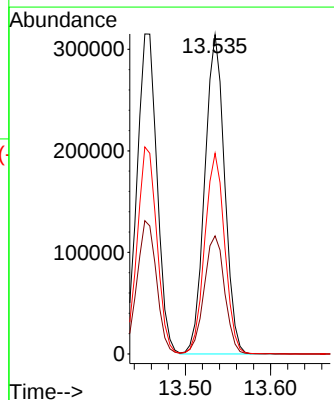
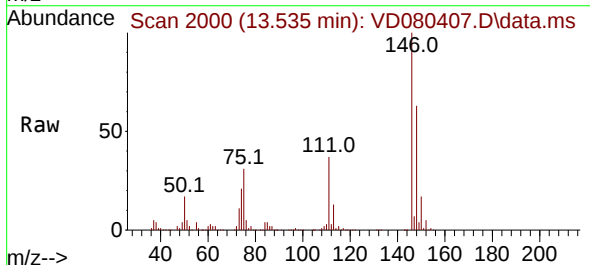
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

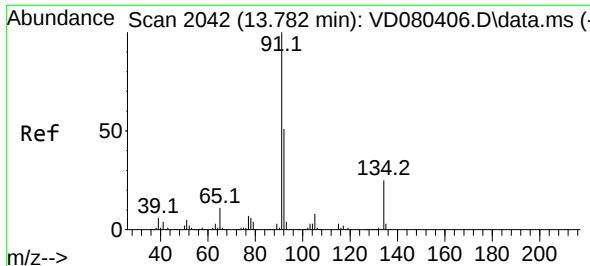
Tgt Ion:146 Resp: 516220
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.8
148 63.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 96.840 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion:146 Resp: 507343
Ion Ratio Lower Upper
146 100
111 38.3 19.0 57.0
148 63.3 31.2 93.6

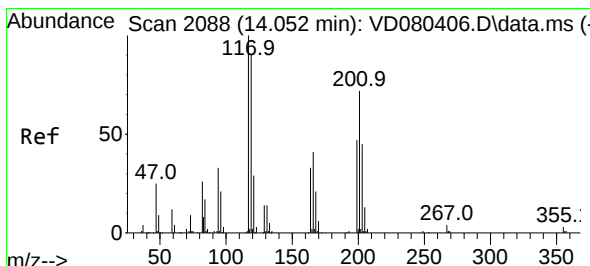
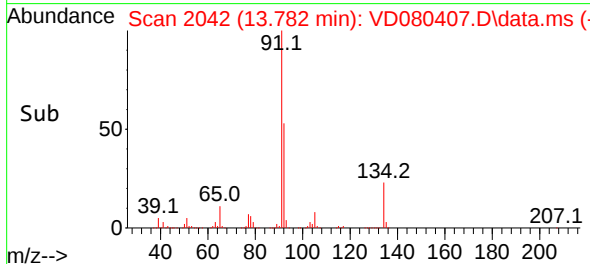
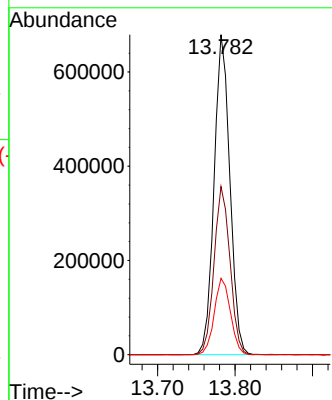
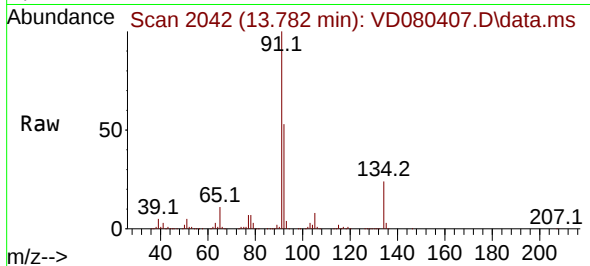




#89
n-Butylbenzene
Concen: 103.488 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

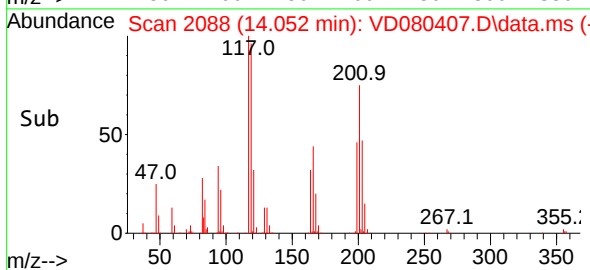
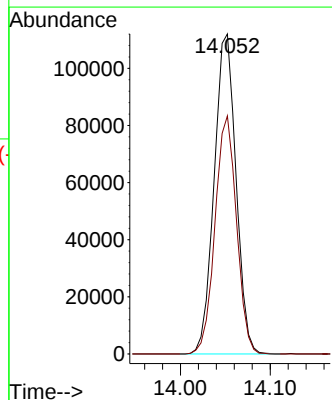
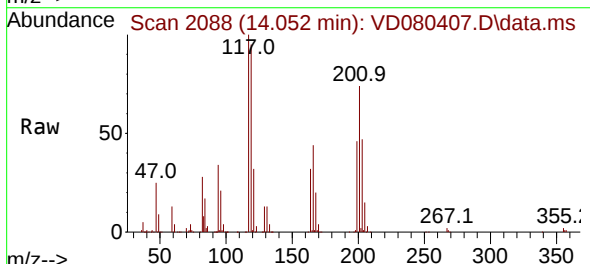
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

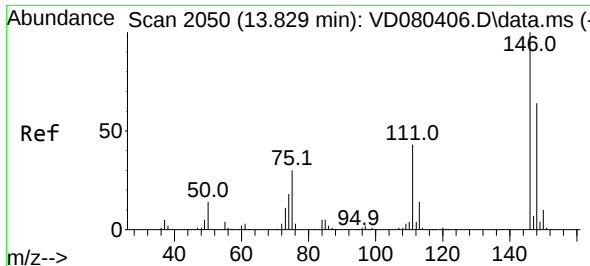
Tgt Ion: 91 Resp: 964042
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 95.357 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 117 Resp: 189354
Ion Ratio Lower Upper
117 100
201 73.2 36.6 109.8

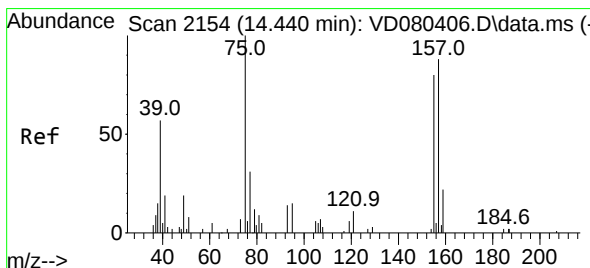
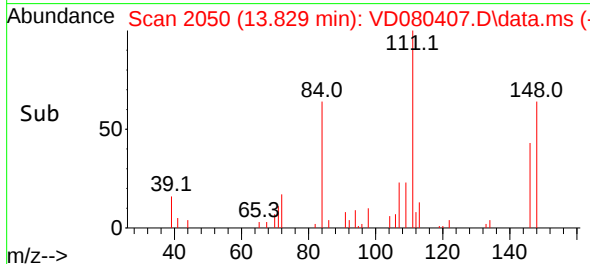
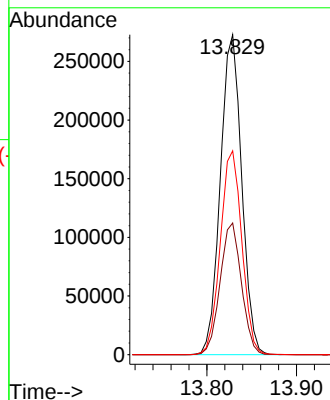
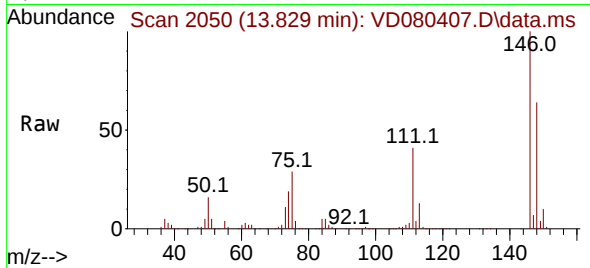




#91
1,2-Dichlorobenzene
Concen: 99.340 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

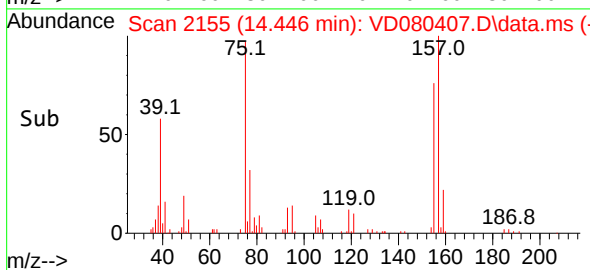
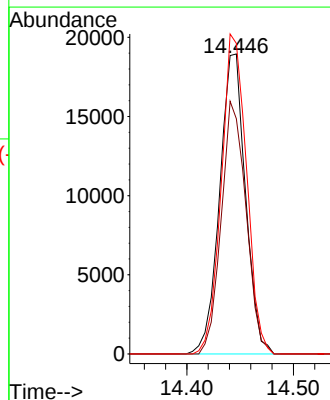
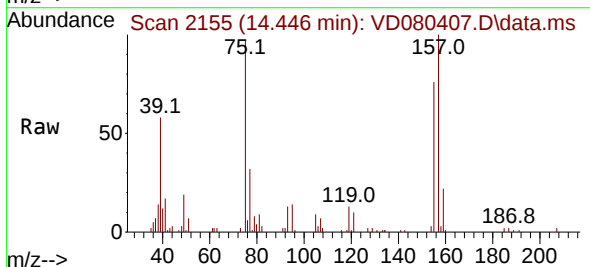
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

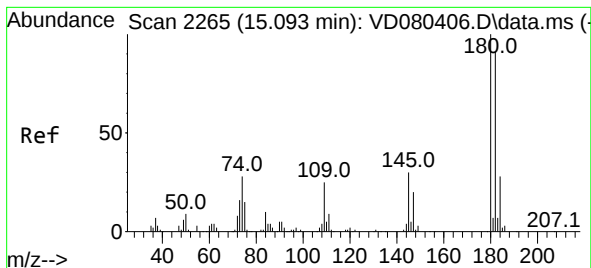
Tgt Ion:146 Resp: 450305
Ion Ratio Lower Upper
146 100
111 41.2 21.1 63.3
148 64.3 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 93.560 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VD080407.D
Acq: 04 Jun 2025 10:20

Tgt Ion: 75 Resp: 31924
Ion Ratio Lower Upper
75 100
155 80.5 37.6 112.9
157 104.0 49.5 148.5





#93

1,2,4-Trichlorobenzene

Concen: 106.360 ug/l

RT: 15.093 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

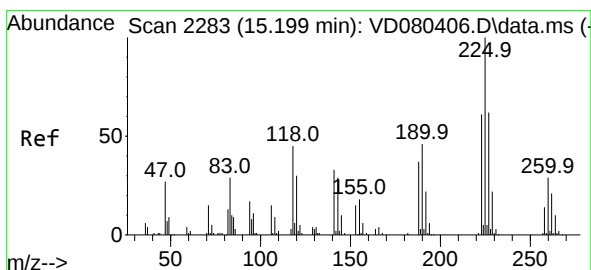
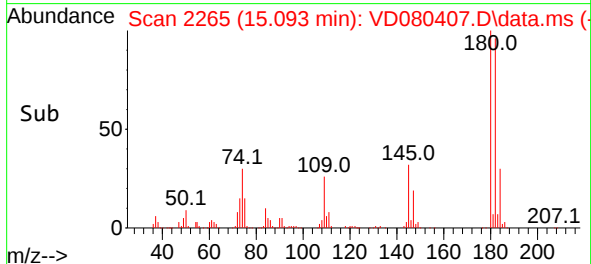
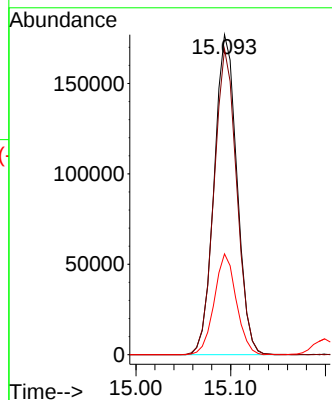
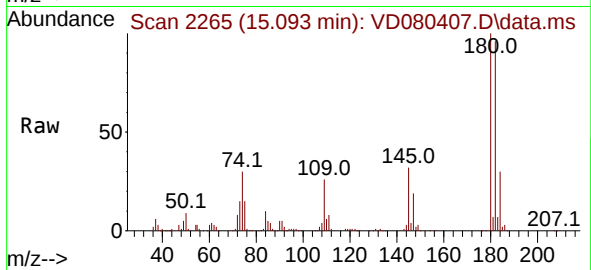
Tgt Ion:180 Resp: 294749

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.8

145 30.6 15.0 45.1



#94

Hexachlorobutadiene

Concen: 102.166 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

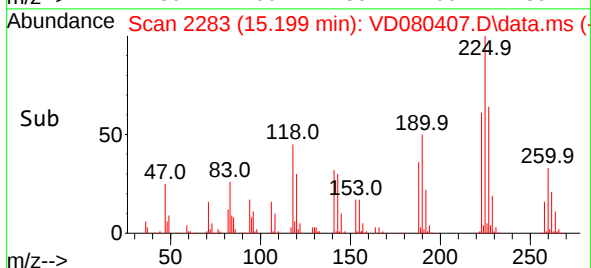
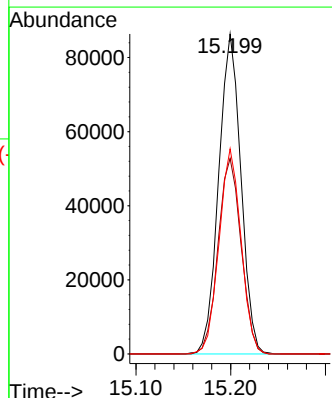
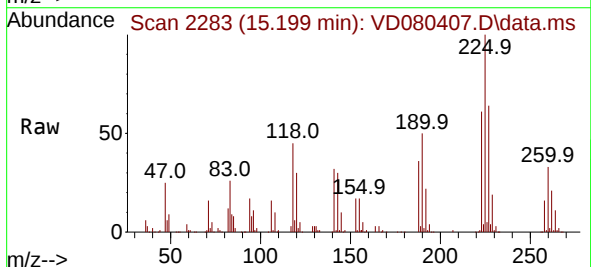
Tgt Ion:225 Resp: 141059

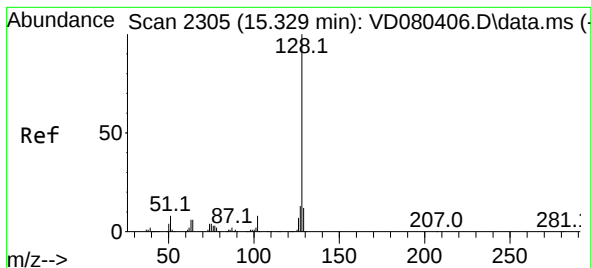
Ion Ratio Lower Upper

225 100

223 63.2 31.6 95.0

227 63.5 31.1 93.2





#95

Naphthalene

Concen: 111.849 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

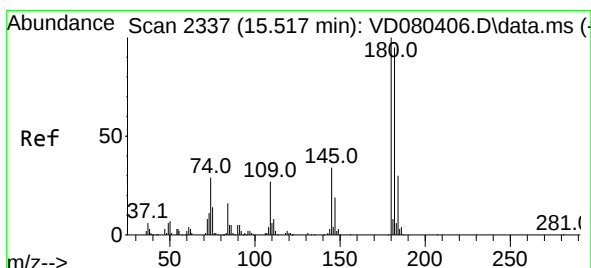
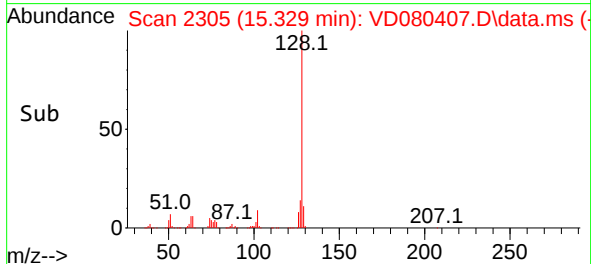
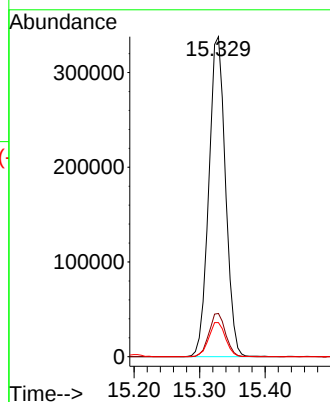
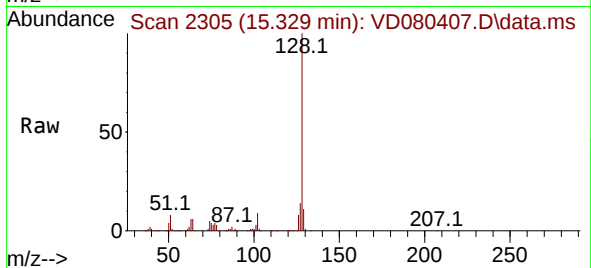
Tgt Ion:128 Resp: 596566

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.6 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 106.247 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080407.D

Acq: 04 Jun 2025 10:20

Tgt Ion:180 Resp: 263630

Ion Ratio Lower Upper

180 100

182 95.5 47.3 142.0

145 32.3 16.5 49.5

