

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080125.D
 Acq On : 11 Dec 2024 10:52
 Operator : RP/MD
 Sample : VSTD050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 00:22:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:19:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	213762	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	210300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	114955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	161227	47.324	ug/L	0.00
7) Chloroethane-d5	2.793	69	144834	47.674	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	68727	52.462	ug/L	0.00
21) 2-Butanone-d5	6.993	46	82289	114.637	ug/L	0.00
24) Chloroform-d	7.569	84	286932	48.615	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	160069	51.250	ug/L	0.00
32) Benzene-d6	8.199	84	572541	45.817	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	185958	43.826	ug/L	0.00
41) Toluene-d8	10.269	98	599575	50.785	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	80298	46.220	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	67466	105.134	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	166311	45.803	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	212135	51.111	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	241114	61.192	ug/L	98
3) Chloromethane	2.152	50	164964	53.270	ug/L	96
5) Vinyl chloride	2.281	62	236263	55.182	ug/L	95
6) Bromomethane	2.687	94	152370	53.399	ug/L	98
8) Chloroethane	2.834	64	150352	52.678	ug/L	96
9) Trichlorofluoromethane	3.170	101	348073	55.710	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	207006	55.901	ug/L	97
12) 1,1-Dichloroethene	3.934	96	190723	59.003	ug/L	91
13) Acetone	4.022	43	134532	104.195	ug/L	99
14) Carbon disulfide	4.269	76	647254	61.722	ug/L	100
15) Methyl Acetate	4.569	43	87072	56.244	ug/L	96
16) Methylene chloride	4.805	84	212683	57.918	ug/L	93
17) trans-1,2-Dichloroethene	5.305	96	208349	63.511	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	451437	64.115	ug/L #	99
19) 1,1-Dichloroethane	6.111	63	330800	53.001	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	189627	53.918	ug/L	96
22) 2-Butanone	7.081	43	143304	111.635	ug/L	98
23) Bromochloromethane	7.422	128	84118	49.071	ug/L	95
25) Chloroform	7.599	83	343212	48.636	ug/L	97
27) 1,2-Dichloroethane	8.328	62	217421	53.874	ug/L	98
29) Cyclohexane	7.875	56	270365	54.013	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	264674	43.460	ug/L	98
31) Carbon tetrachloride	7.993	117	229780	45.520	ug/L	100
33) Benzene	8.252	78	734752	48.374	ug/L	100
34) Trichloroethene	9.028	95	178998	43.360	ug/L	99
35) Methylcyclohexane	9.275	83	291712	47.836	ug/L	100
37) 1,2-Dichloropropane	9.304	63	200069	45.972	ug/L	99
38) Bromodichloromethane	9.587	83	245965	44.826	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	300717	48.419	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	262110	108.925	ug/L	99
42) Toluene	10.334	91	872395	52.941	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	262112	51.232	ug/L	94

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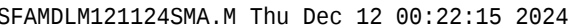
Instrument :
 MSVOA_D
 ClientSampleId :

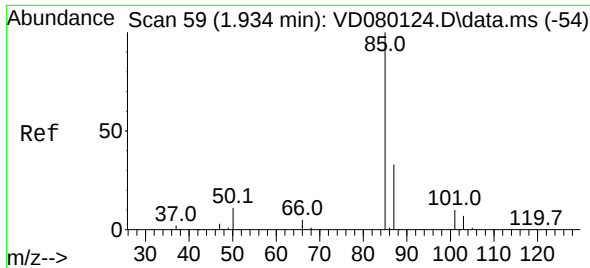
Quant Time: Dec 12 00:22:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:19:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	150025	47.932	ug/L	97
46) Tetrachloroethene	10.810	164	140464	49.129	ug/L	95
48) 2-Hexanone	10.922	43	215879	112.474	ug/L	97
49) Dibromochloromethane	11.075	129	164369	48.377	ug/L	97
50) 1,2-Dibromoethane	11.181	107	134401	48.427	ug/L	97
51) Chlorobenzene	11.604	112	482210	48.891	ug/L	99
52) Ethylbenzene	11.681	91	864336	52.820	ug/L	95
53) m,p-Xylene	11.793	106	322927	51.617	ug/L	100
54) o-Xylene	12.122	106	313324	52.201	ug/L	95
55) Styrene	12.134	104	577162	53.125	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	182442	45.750	ug/L	99
59) Bromoform	12.298	173	104526	47.272	ug/L	97
60) Isopropylbenzene	12.422	105	848076	51.832	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	126557	44.638	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	683738	50.122	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	676094	52.092	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	384027	48.252	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	396983	46.269	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	419708	54.612	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	28826	50.421	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	262808	47.802	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	221768	50.460	ug/L	98
71) Naphthalene	15.334	128	441200	52.842	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	206515	46.690	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

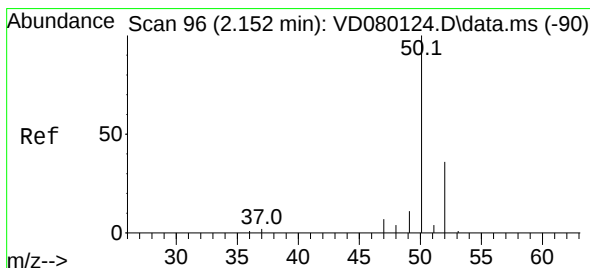
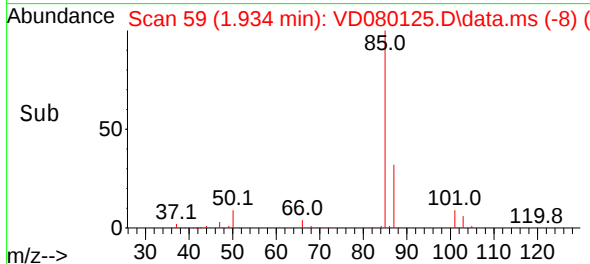
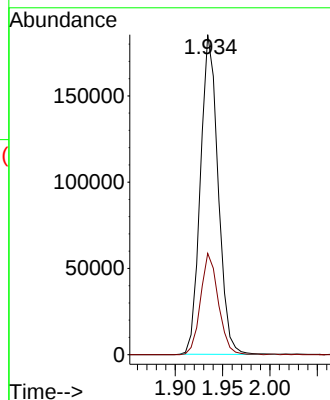
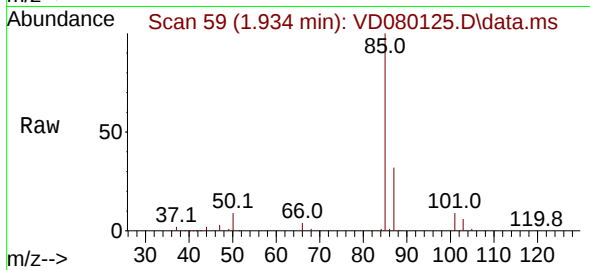




#2
Dichlorodifluoromethane
Concen: 61.192 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

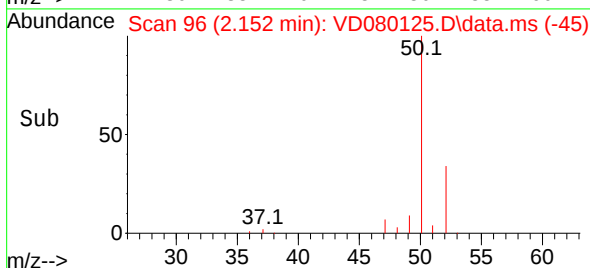
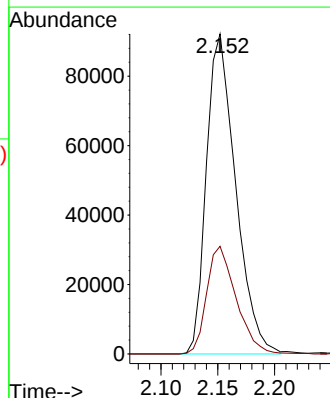
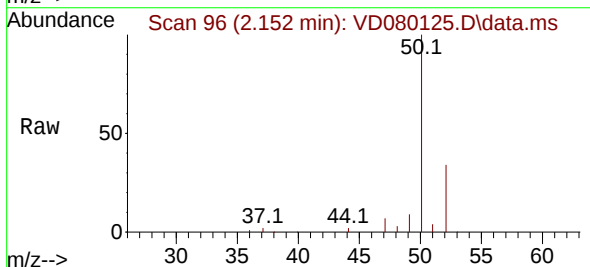
Instrument :
MSVOA_D
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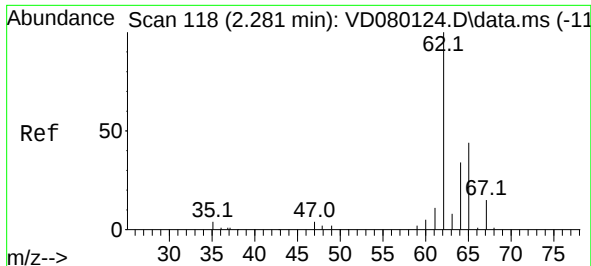
Tgt Ion: 85 Resp: 241114
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.2



#3
Chloromethane
Concen: 53.270 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion: 50 Resp: 164964
Ion Ratio Lower Upper
50 100
52 33.6 25.1 46.7

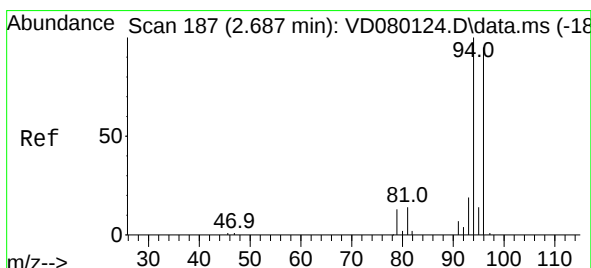
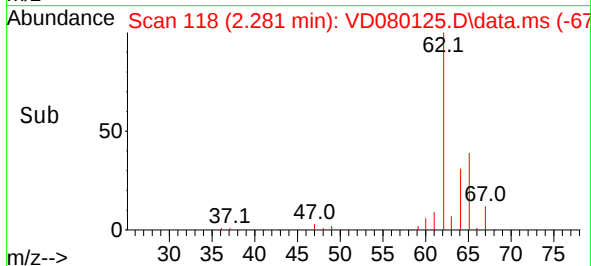
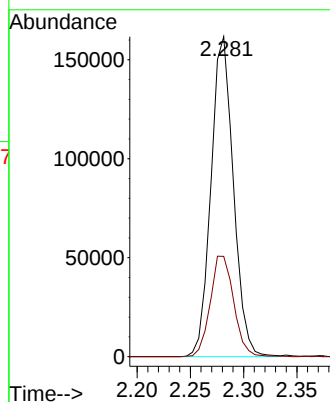
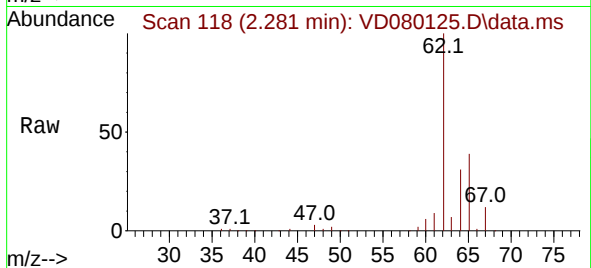




#5
 Vinyl chloride
 Concen: 55.182 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD080125.D
 Acq: 11 Dec 2024 10:52

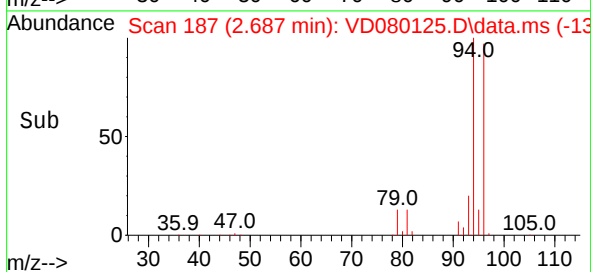
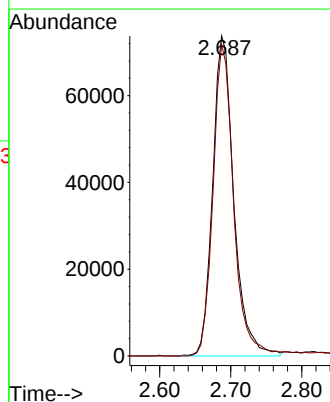
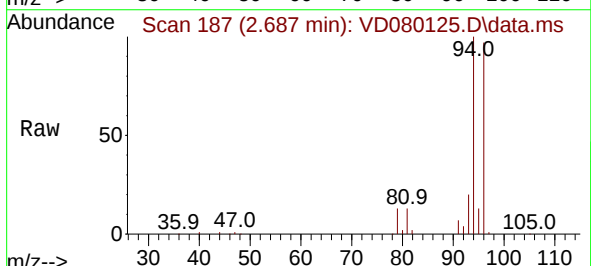
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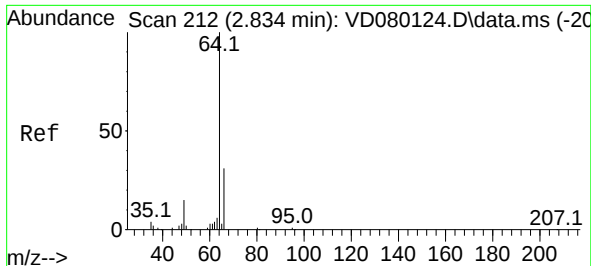
Tgt Ion: 62 Resp: 236263
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.0 44.6



#6
 Bromomethane
 Concen: 53.399 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD080125.D
 Acq: 11 Dec 2024 10:52

Tgt Ion: 94 Resp: 152370
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.8 124.0





#8

Chloroethane

Concen: 52.678 ug/L

RT: 2.834 min Scan# 212

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

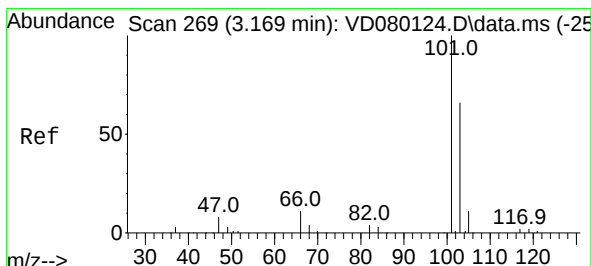
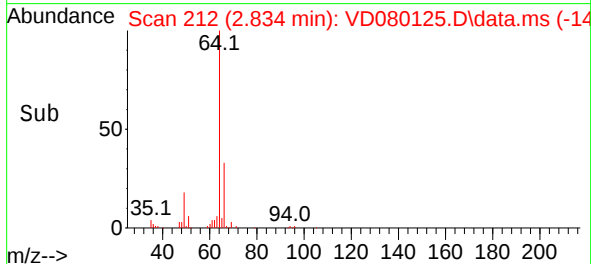
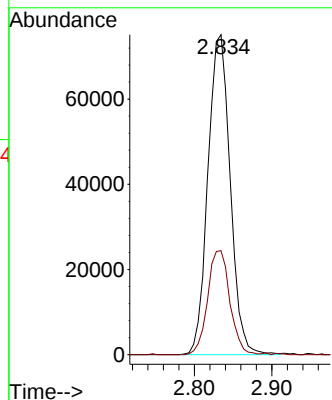
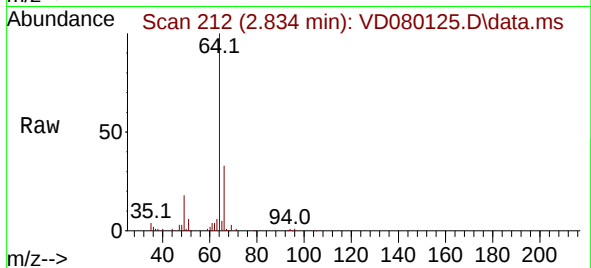
ClientSampleId :

Tgt Ion: 64 Resp: 150352

Ion Ratio Lower Upper

64 100

66 32.5 21.3 39.6



#9

Trichlorofluoromethane

Concen: 55.710 ug/L

RT: 3.170 min Scan# 269

Delta R.T. 0.000 min

Lab File: VD080125.D

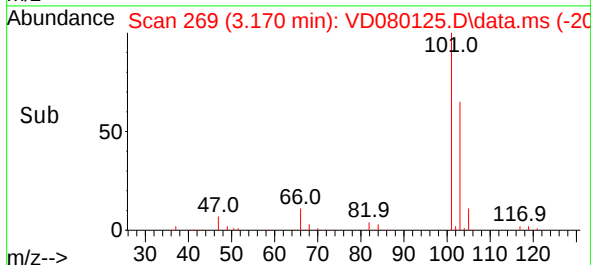
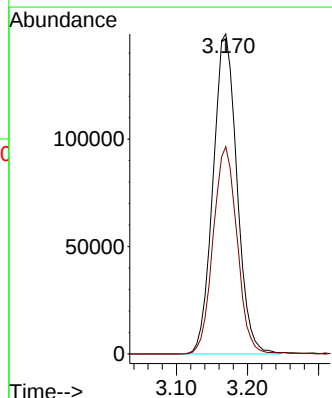
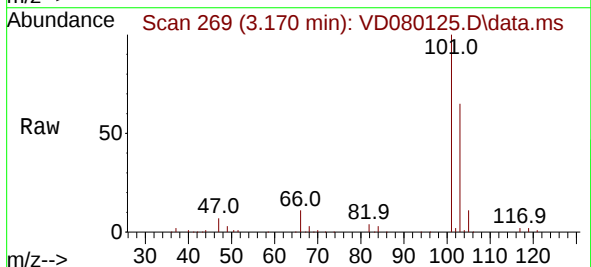
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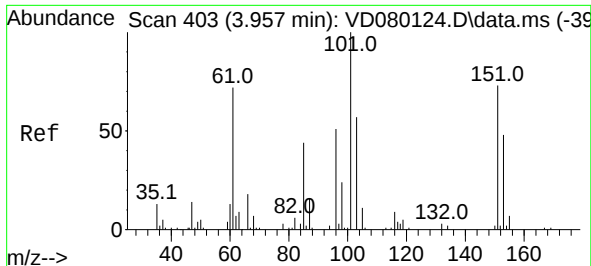
Tgt Ion:101 Resp: 348073

Ion Ratio Lower Upper

101 100

103 64.6 52.5 78.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 55.901 ug/L

RT: 3.964 min Scan# 403

Delta R.T. 0.006 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

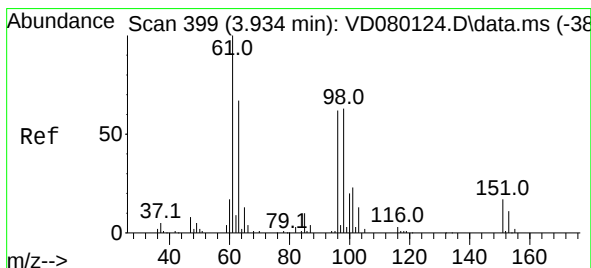
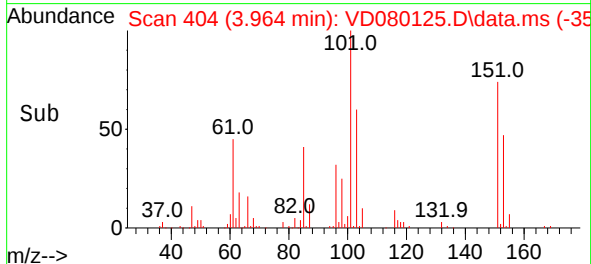
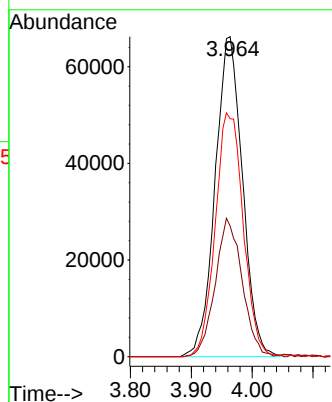
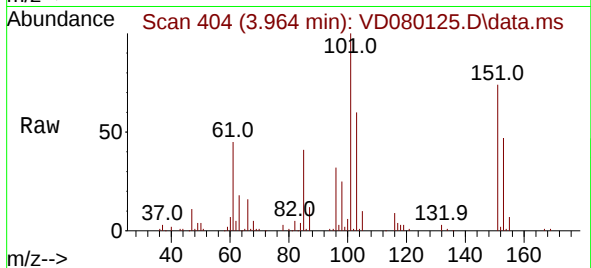
Tgt Ion:101 Resp: 207006

Ion Ratio Lower Upper

101 100

85 42.5 35.8 53.6

151 77.7 59.8 89.6



#12

1,1-Dichloroethene

Concen: 59.003 ug/L

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

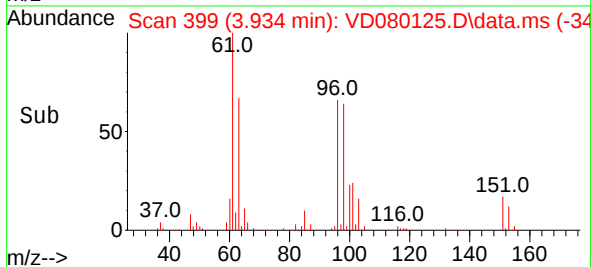
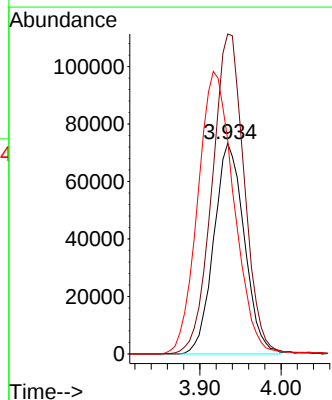
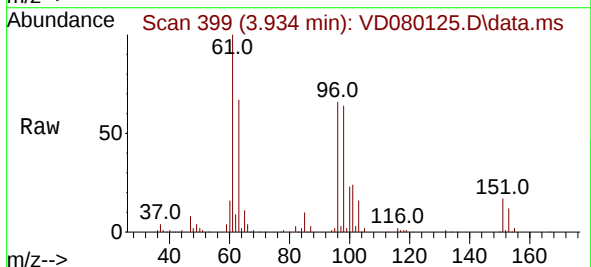
Tgt Ion: 96 Resp: 190723

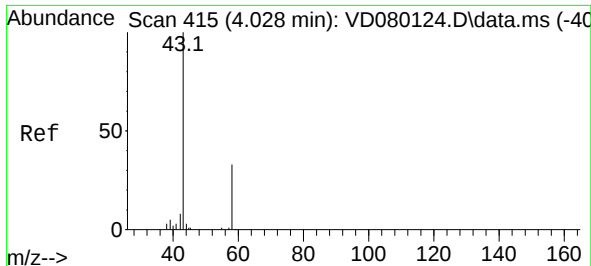
Ion Ratio Lower Upper

96 100

61 152.0 113.8 211.3

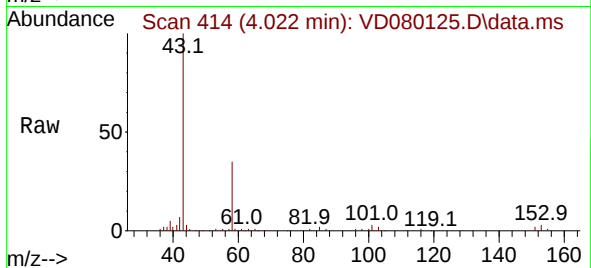
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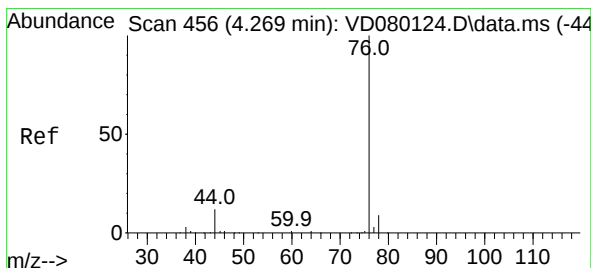
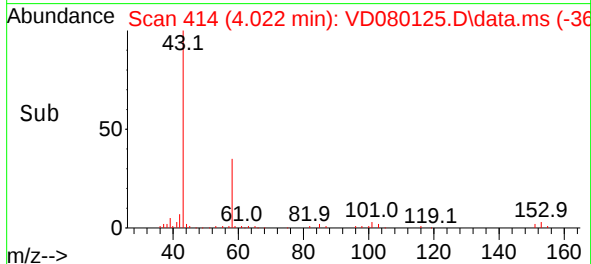
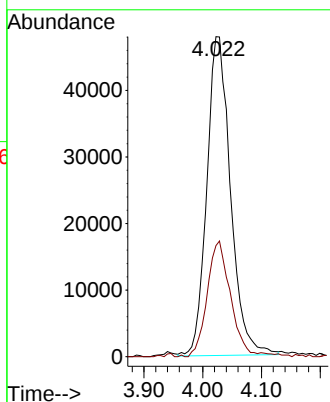


#13
Acetone
Concen: 104.195 ug/L
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

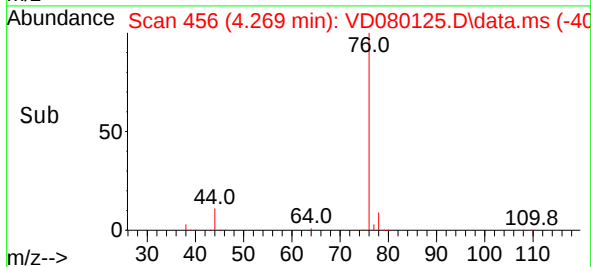
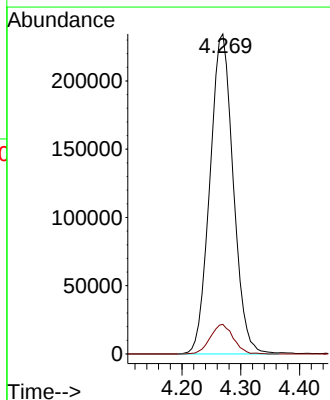
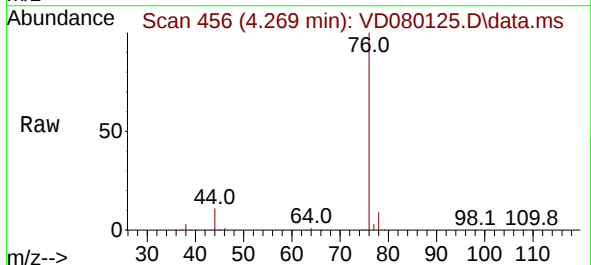


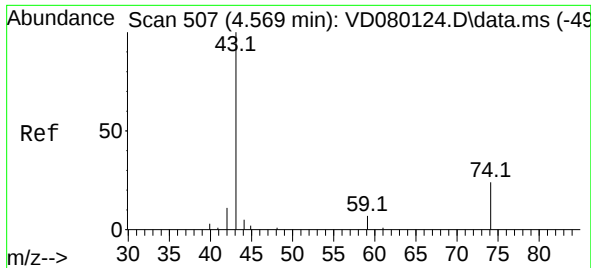
Tgt Ion: 43 Resp: 134532
Ion Ratio Lower Upper
43 100
58 35.2 0.0 69.0



#14
Carbon disulfide
Concen: 61.722 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion: 76 Resp: 647254
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

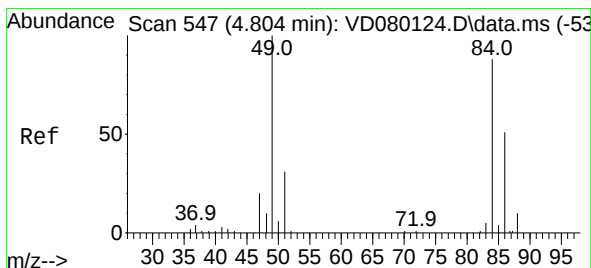
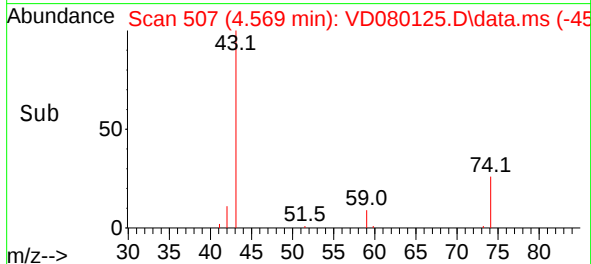
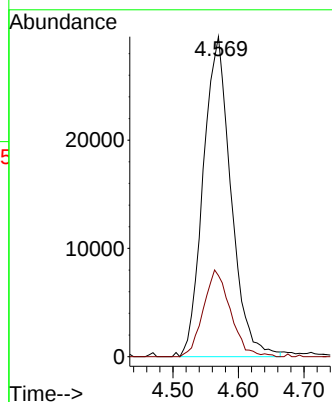
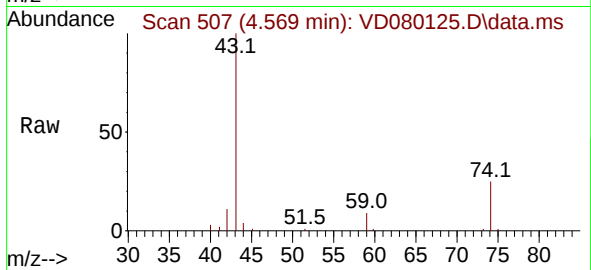




#15
Methyl Acetate
Concen: 56.244 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

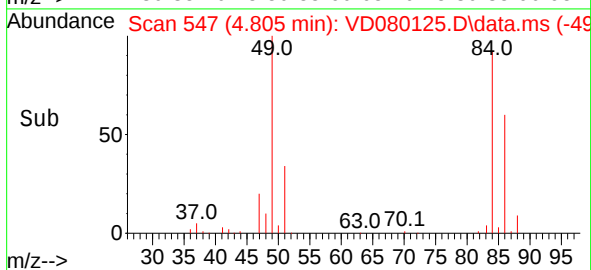
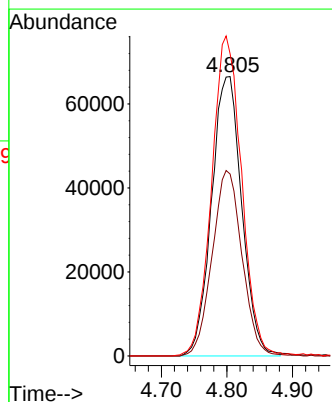
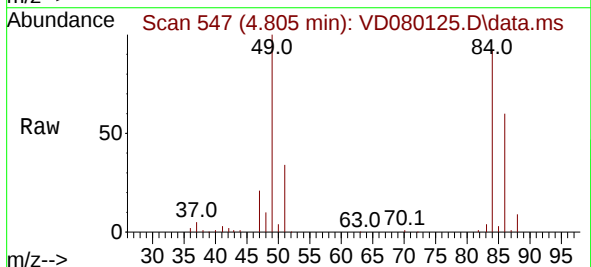
Instrument :
MSVOA_D
ClientSampleId :

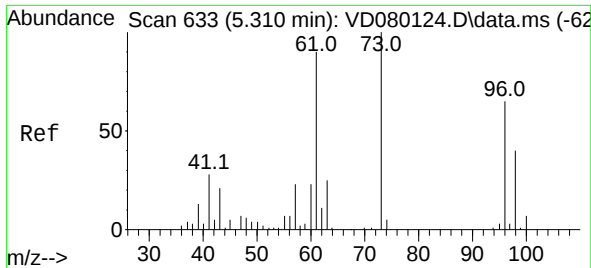
Tgt Ion: 43 Resp: 87072
Ion Ratio Lower Upper
43 100
74 25.8 19.0 28.4



#16
Methylene chloride
Concen: 57.918 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion: 84 Resp: 212683
Ion Ratio Lower Upper
84 100
86 65.1 40.7 75.7
49 108.2 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 63.511 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

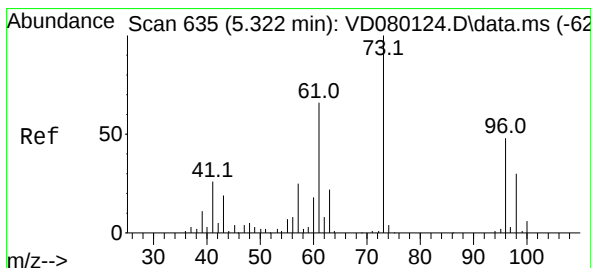
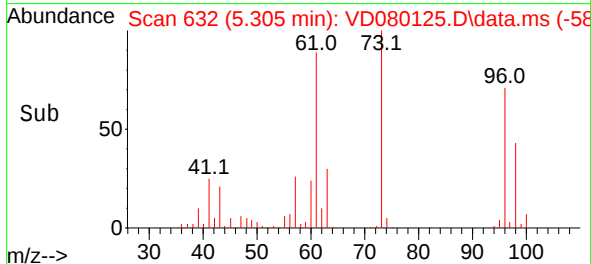
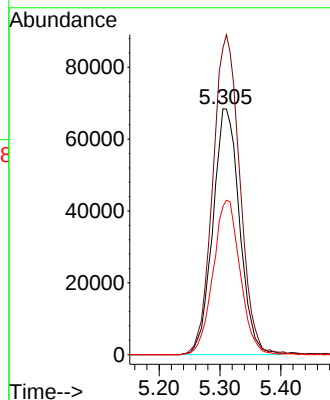
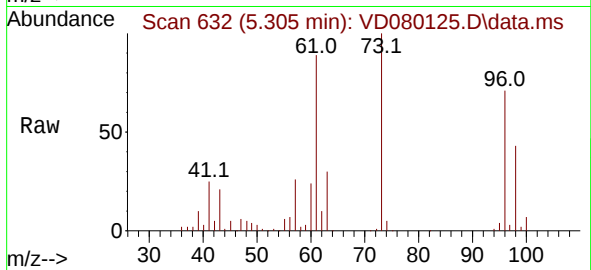
Tgt Ion: 96 Resp: 208349

Ion Ratio Lower Upper

96 100

61 124.7 97.4 181.0

98 60.2 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 64.115 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

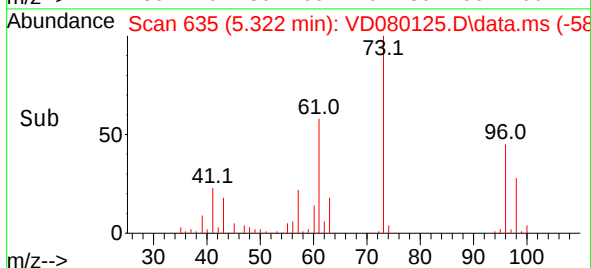
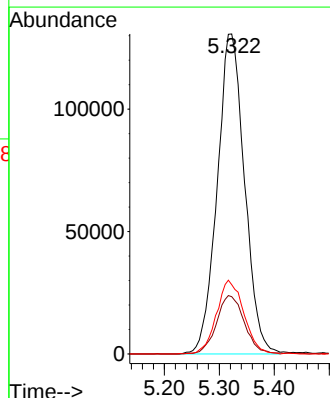
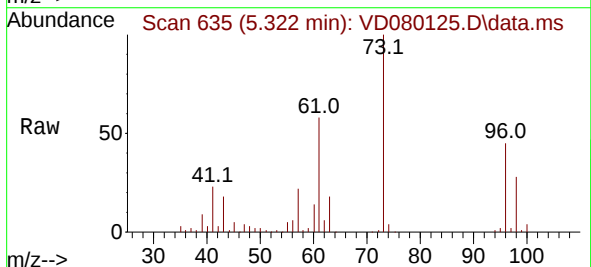
Tgt Ion: 73 Resp: 451437

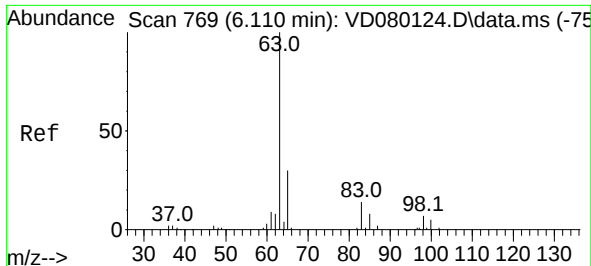
Ion Ratio Lower Upper

73 100

43 18.5 0.0 0.0#

57 23.0 18.9 28.3

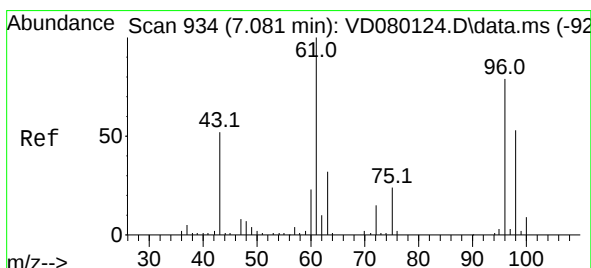
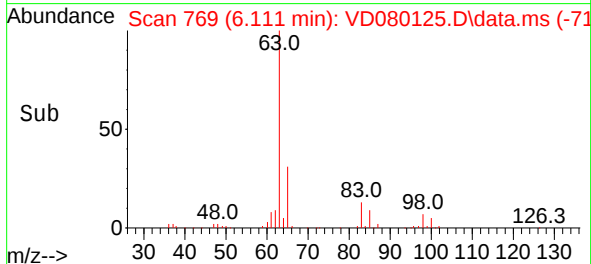
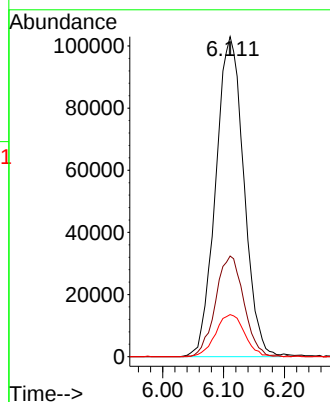
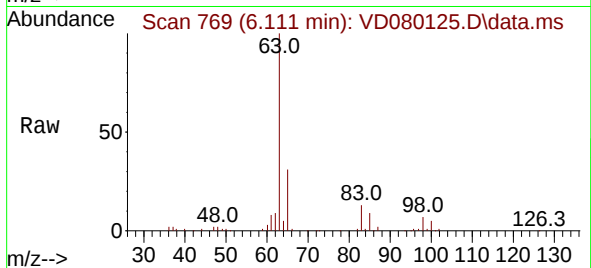




#19
1,1-Dichloroethane
Concen: 53.001 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

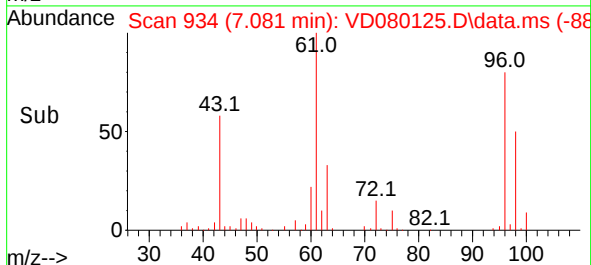
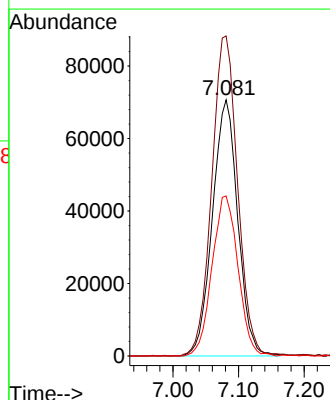
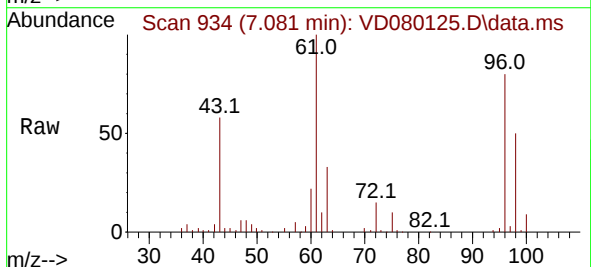
Instrument :
MSVOA_D
ClientSampleId :

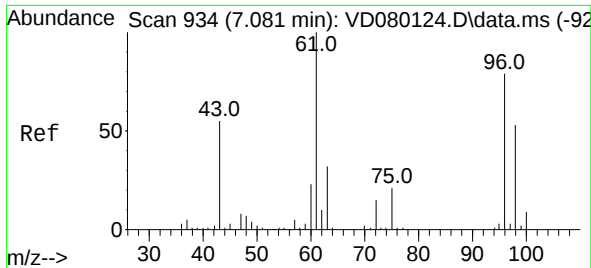
Tgt Ion: 63 Resp: 330800
Ion Ratio Lower Upper
63 100
65 31.5 21.1 39.1
83 13.2 9.9 18.5



#20
cis-1,2-Dichloroethene
Concen: 53.918 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion: 96 Resp: 189627
Ion Ratio Lower Upper
96 100
61 124.9 89.1 165.5
98 62.4 47.3 87.8

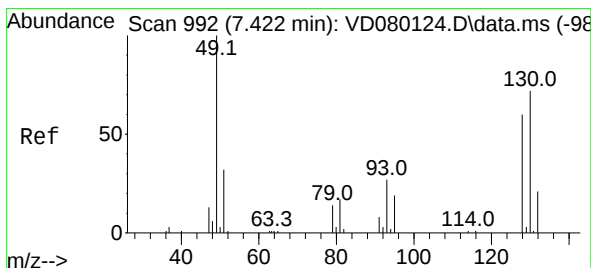
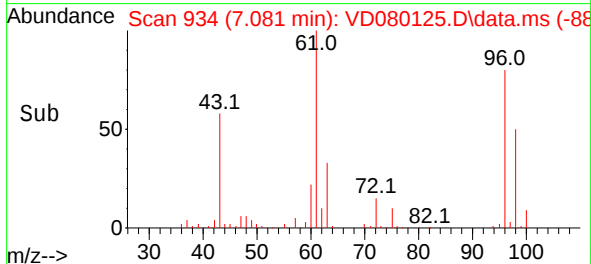
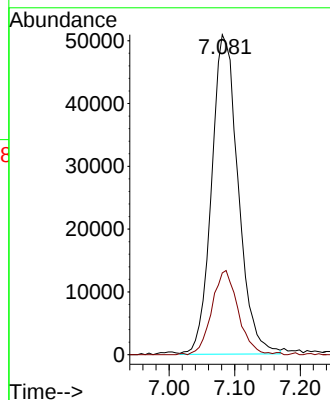
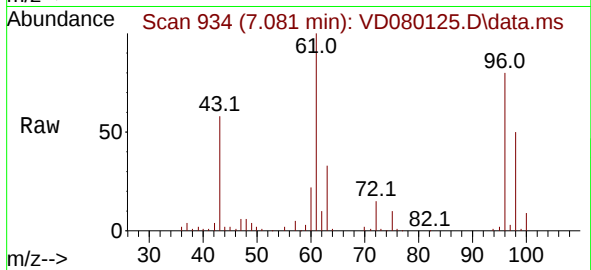




#22
2-Butanone
Concen: 111.635 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

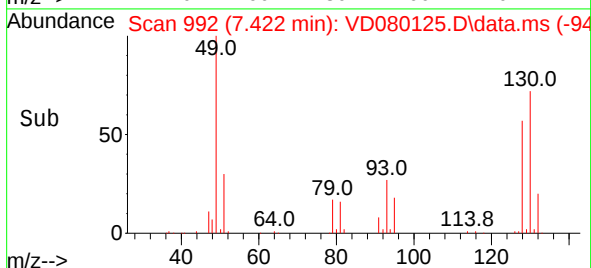
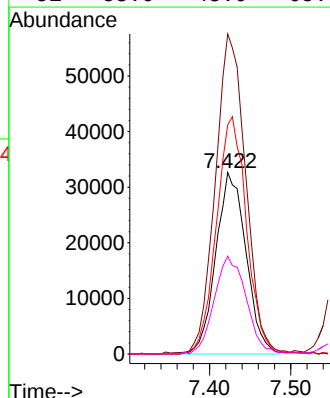
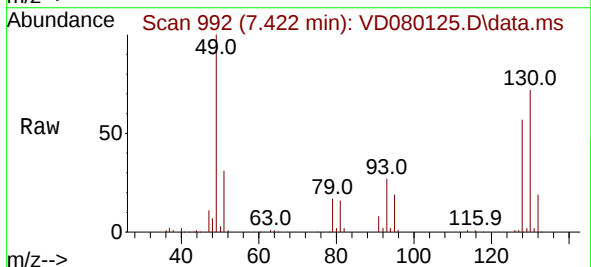
Instrument :
MSVOA_D
ClientSampleId :

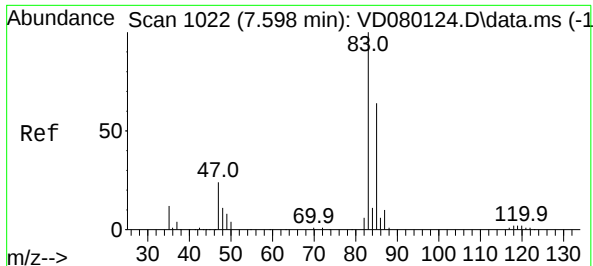
Tgt Ion: 43 Resp: 143304
Ion Ratio Lower Upper
43 100
72 25.9 13.6 40.8



#23
Bromochloromethane
Concen: 49.071 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion:128 Resp: 84118
Ion Ratio Lower Upper
128 100
49 176.4 117.0 217.2
130 126.3 84.4 156.7
51 53.9 43.9 65.9

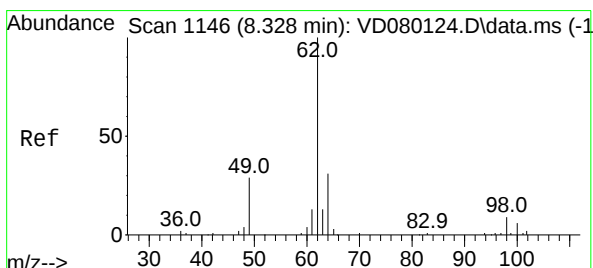
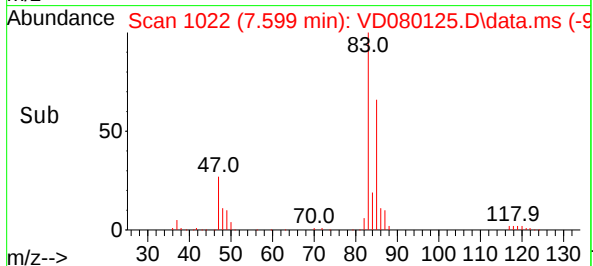
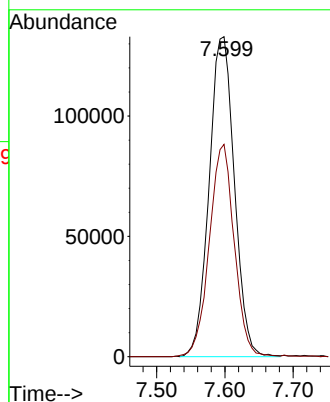
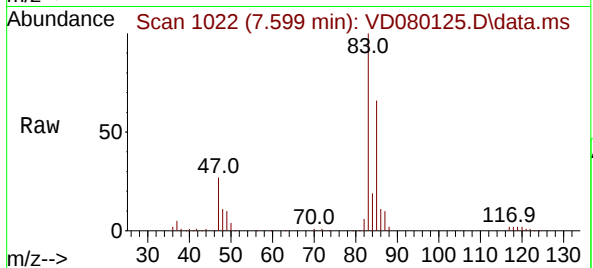




#25
Chloroform
Concen: 48.636 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

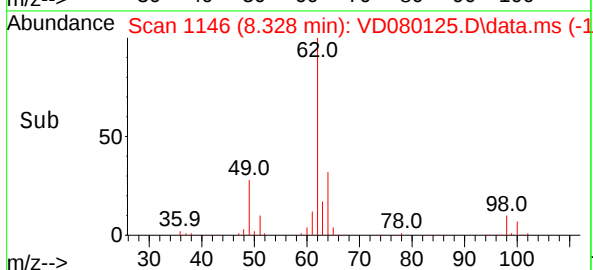
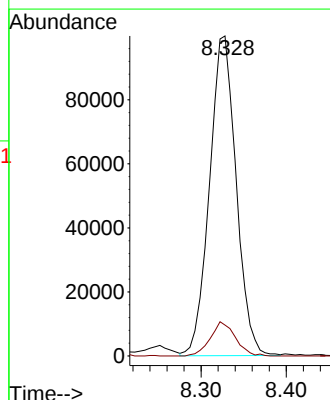
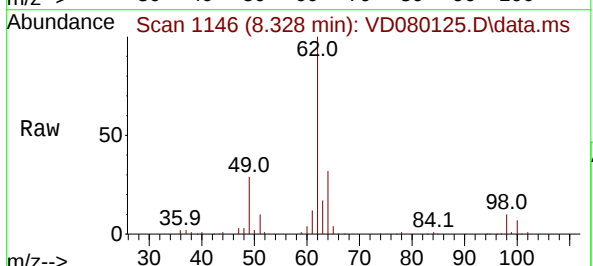
Instrument :
MSVOA_D
ClientSampleId :

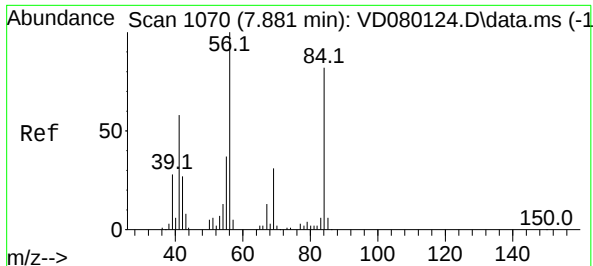
Tgt Ion: 83 Resp: 343212
Ion Ratio Lower Upper
83 100
85 66.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 53.874 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

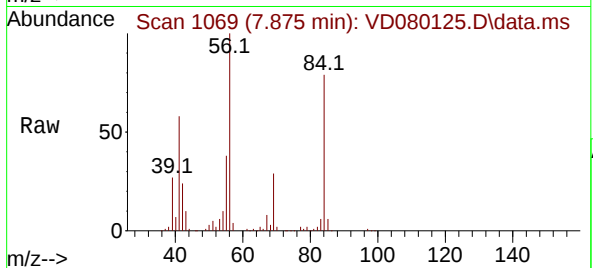
Tgt Ion: 62 Resp: 217421
Ion Ratio Lower Upper
62 100
98 9.6 7.0 10.6



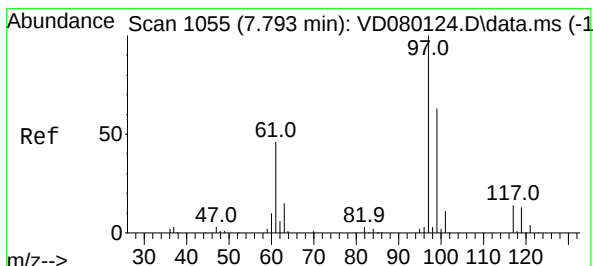
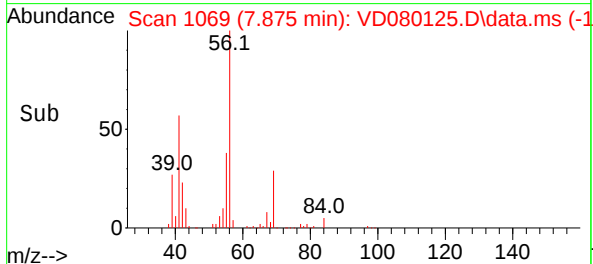
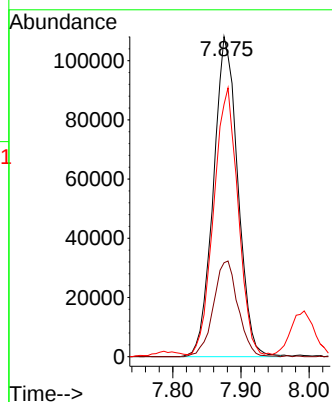


#29
Cyclohexane
Concen: 54.013 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

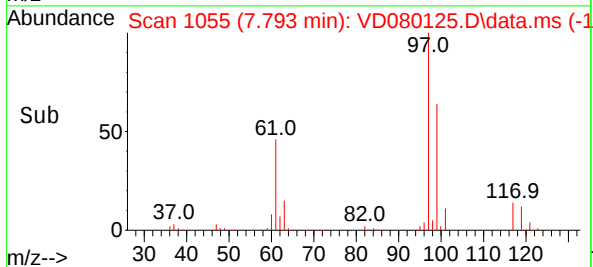
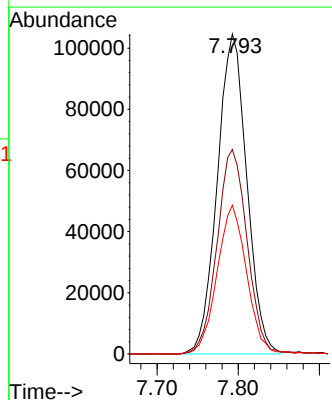
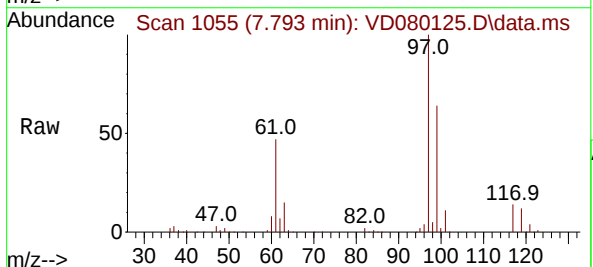


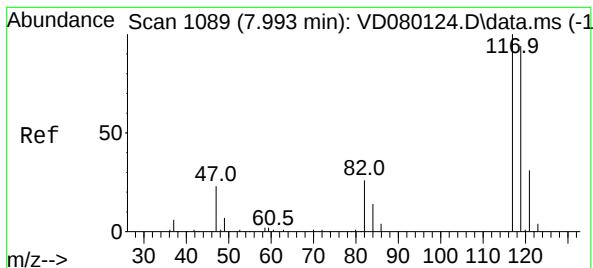
Tgt Ion: 56 Resp: 270365
Ion Ratio Lower Upper
56 100
69 30.0 24.6 36.8
84 83.6 68.7 103.1



#30
1,1,1-Trichloroethane
Concen: 43.460 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion: 97 Resp: 264674
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 46.3 35.8 53.8





#31

Carbon tetrachloride

Concen: 45.520 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

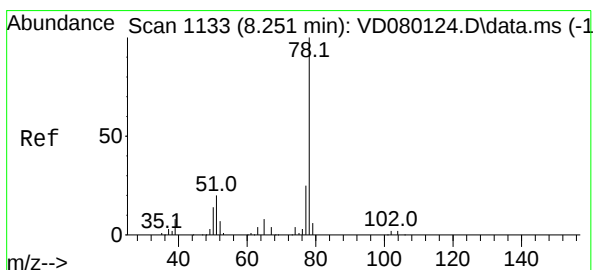
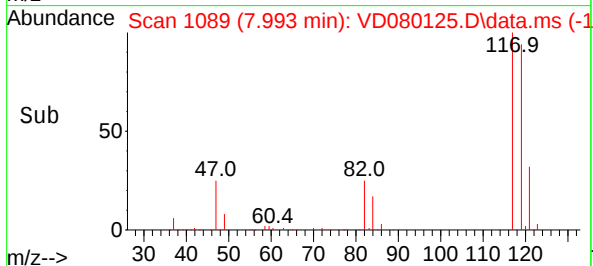
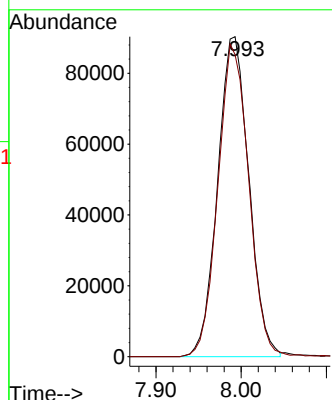
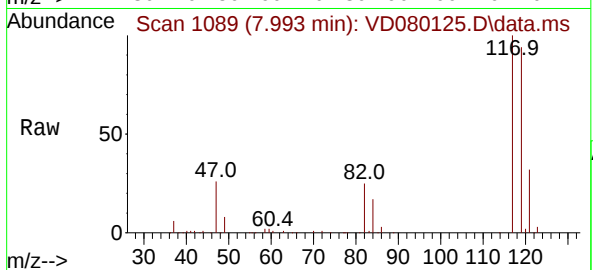
ClientSampleId :

Tgt Ion:117 Resp: 229780

Ion Ratio Lower Upper

117 100

119 96.2 76.8 115.2



#33

Benzene

Concen: 48.374 ug/L

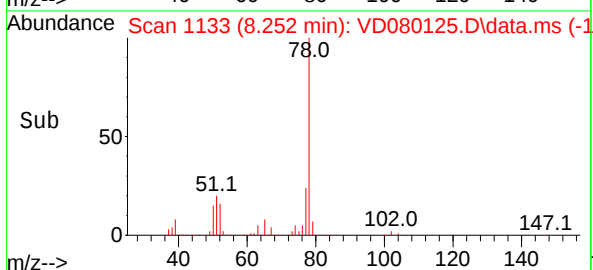
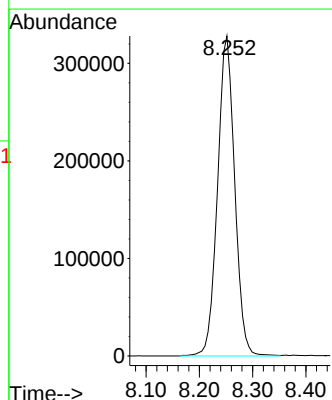
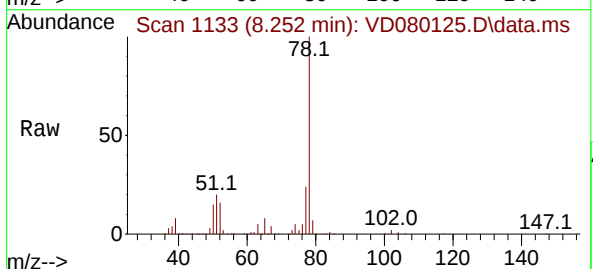
RT: 8.252 min Scan# 1133

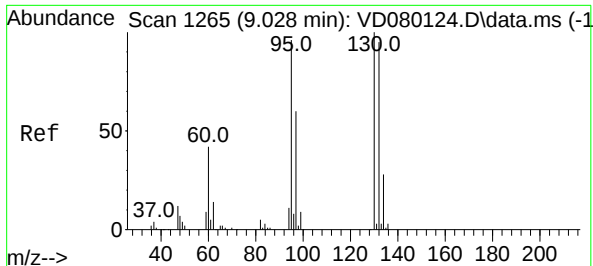
Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Tgt Ion: 78 Resp: 734752

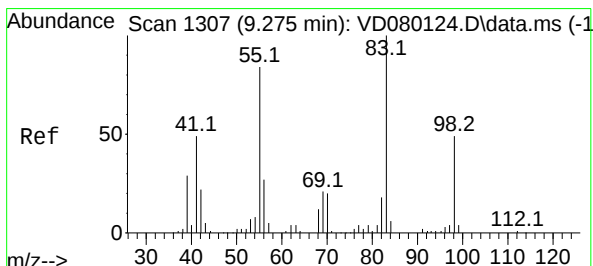
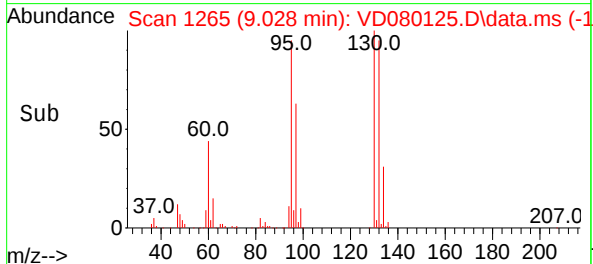
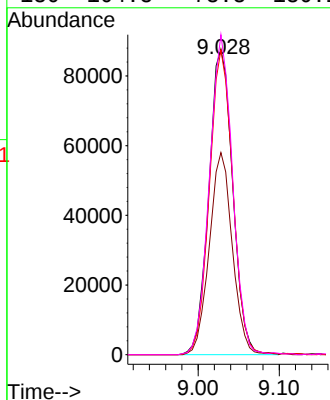
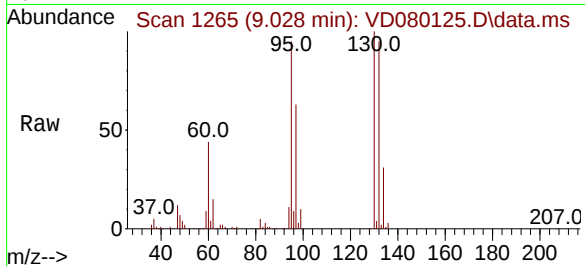




#34
Trichloroethene
Concen: 43.360 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

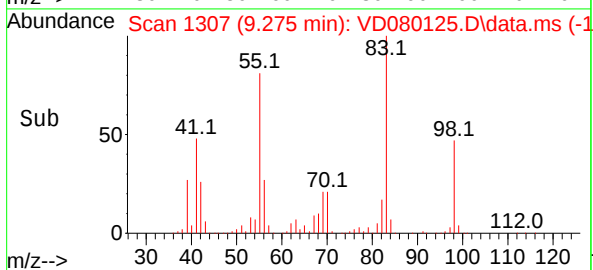
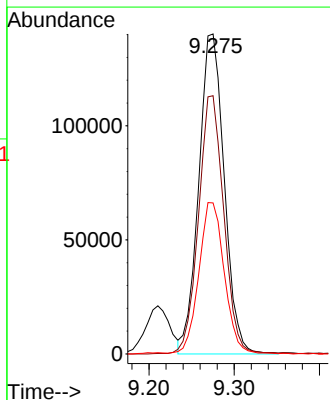
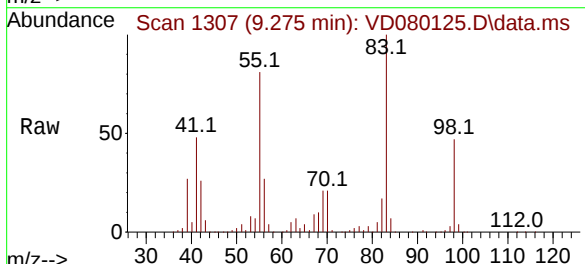
Instrument :
MSVOA_D
ClientSampleId :

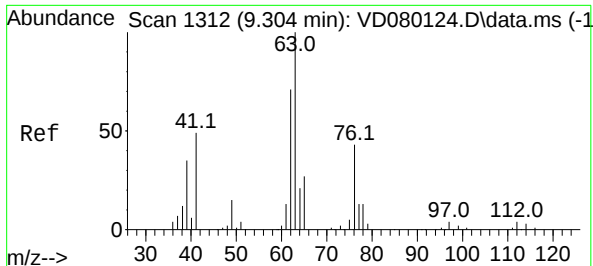
Tgt Ion: 95 Resp: 178998
Ion Ratio Lower Upper
95 100
97 66.2 43.7 81.1
132 99.8 69.4 129.0
130 104.8 73.3 136.1



#35
Methylcyclohexane
Concen: 47.836 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion: 83 Resp: 291712
Ion Ratio Lower Upper
83 100
55 79.8 63.8 95.8
98 47.3 37.6 56.4

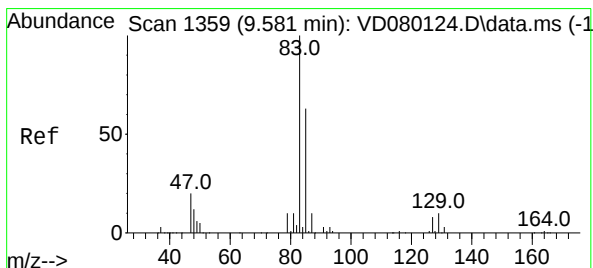
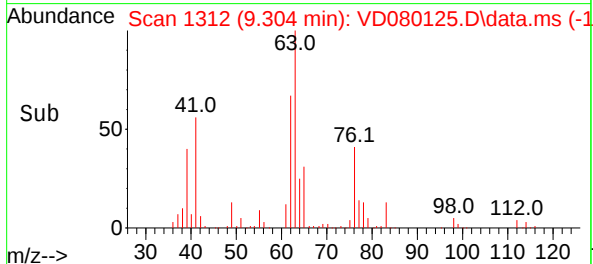
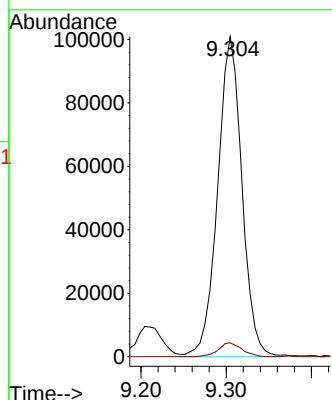
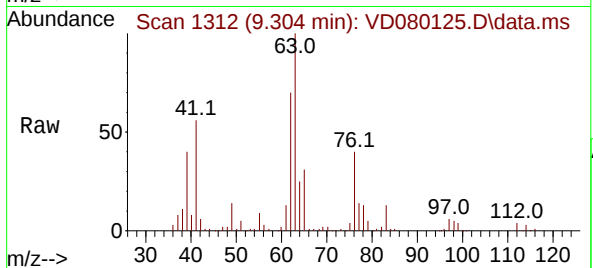




#37
1,2-Dichloropropane
Concen: 45.972 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

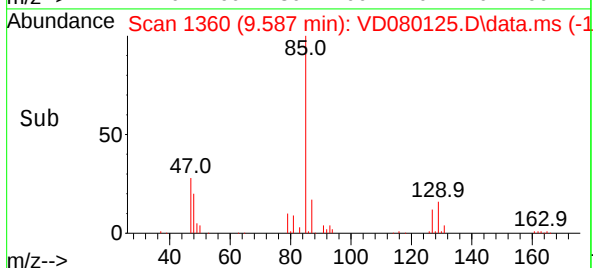
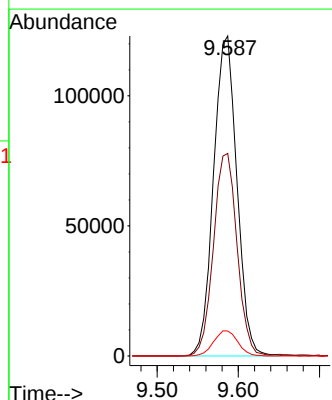
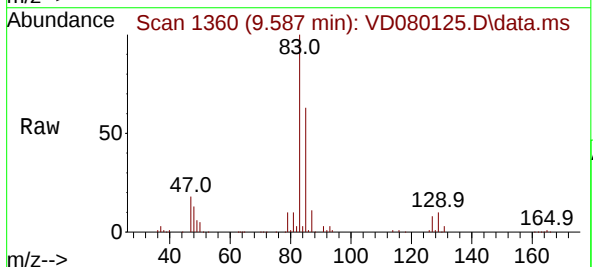
Instrument :
MSVOA_D
ClientSampleId :

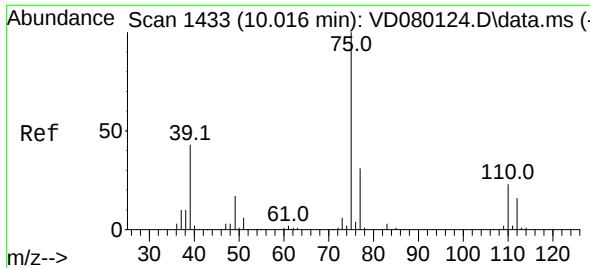
Tgt Ion: 63 Resp: 200069
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 44.826 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

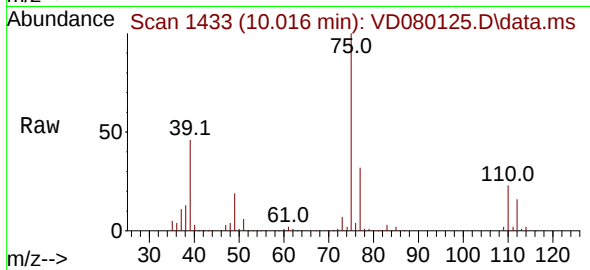
Tgt Ion: 83 Resp: 245965
Ion Ratio Lower Upper
83 100
85 63.3 44.3 82.3
127 7.8 6.6 10.0



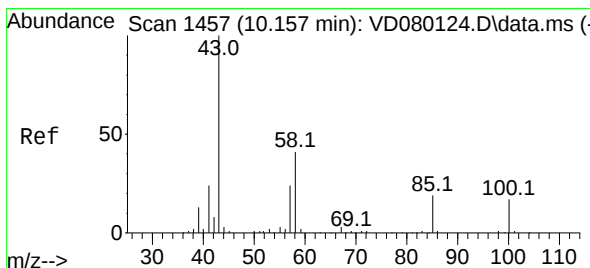
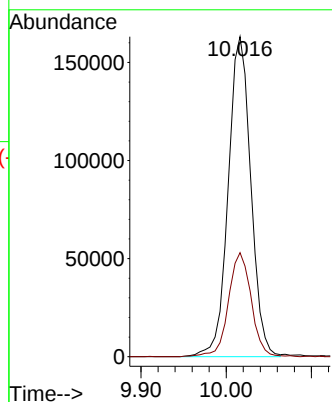
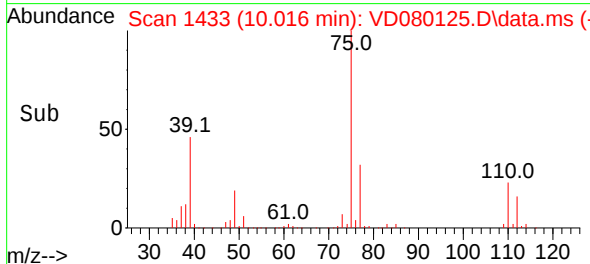


#39
cis-1,3-Dichloropropene
Concen: 48.419 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

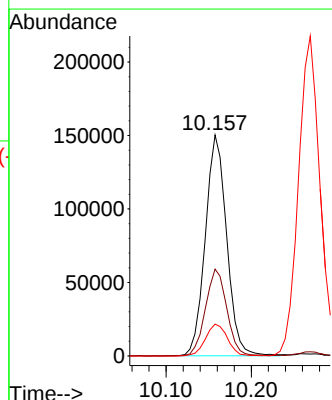
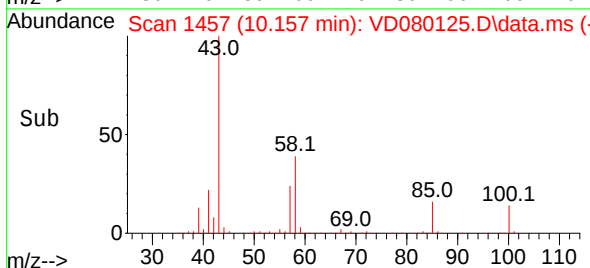
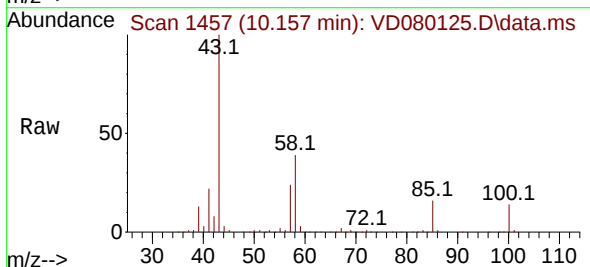


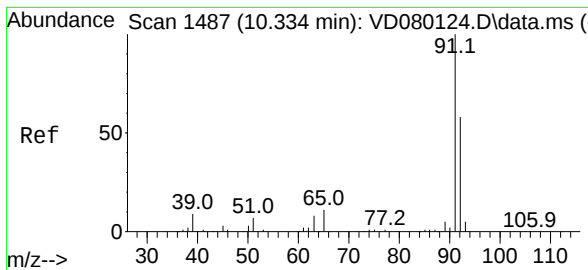
Tgt Ion: 75 Resp: 300717
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 108.925 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion: 43 Resp: 262110
Ion Ratio Lower Upper
43 100
58 39.4 32.1 48.1
100 14.9 12.6 19.0





#42

Toluene

Concen: 52.941 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

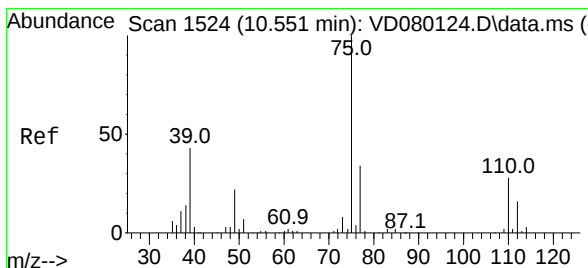
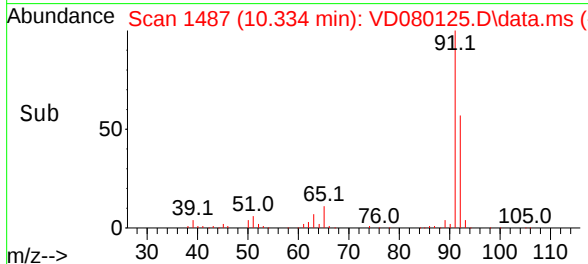
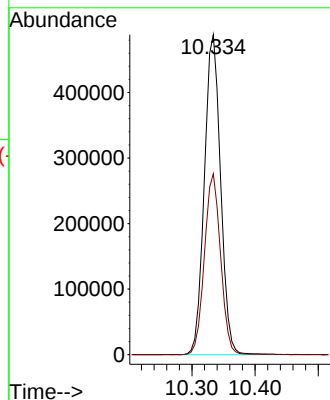
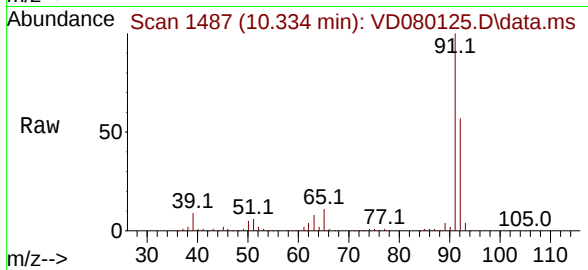
ClientSampleId :

Tgt Ion: 91 Resp: 872395

Ion Ratio Lower Upper

91 100

92 56.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 51.232 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD080125.D

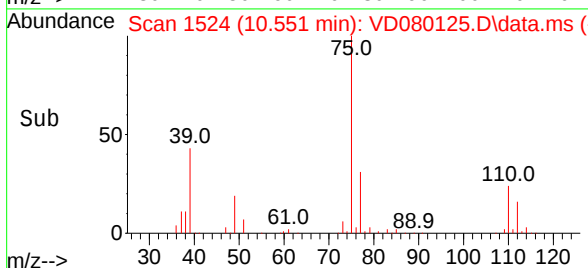
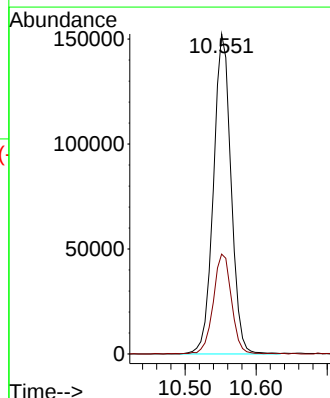
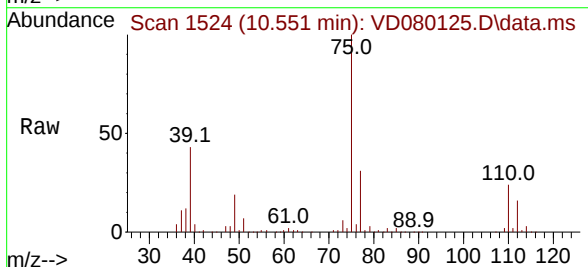
Acq: 11 Dec 2024 10:52

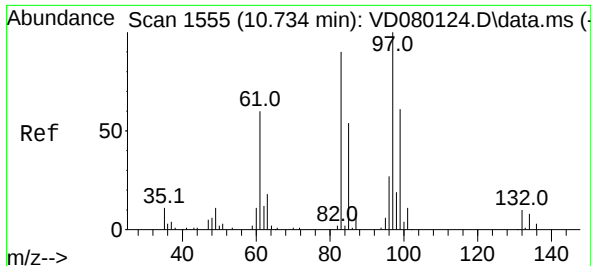
Tgt Ion: 75 Resp: 262112

Ion Ratio Lower Upper

75 100

77 31.2 24.2 45.0





#45

1,1,2-Trichloroethane

Concen: 47.932 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

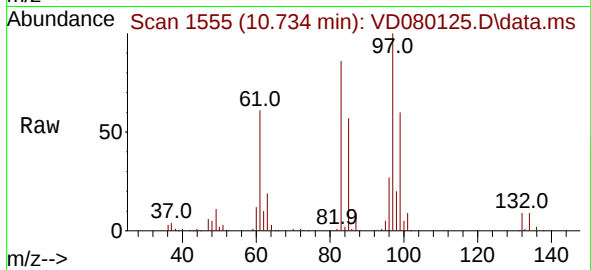
Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 150025

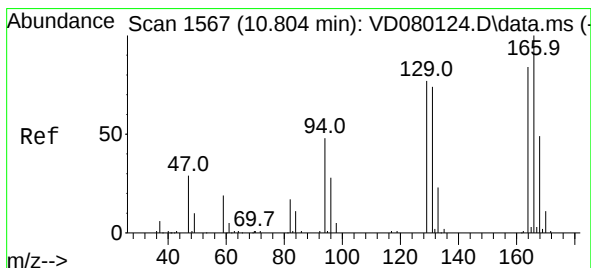
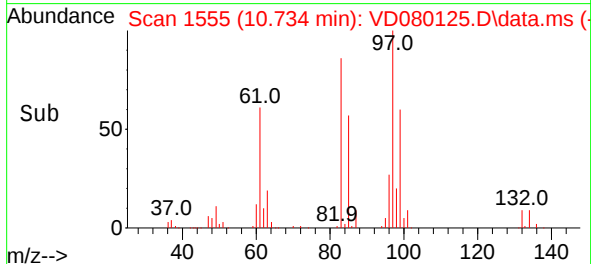
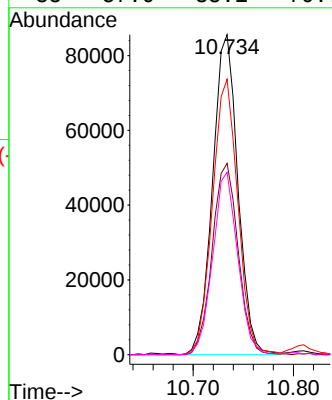
Ion Ratio Lower Upper

97 100

99 59.8 42.5 78.9

83 86.1 63.1 117.1

85 57.0 38.1 70.7



#46

Tetrachloroethene

Concen: 49.129 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Tgt Ion:164 Resp: 140464

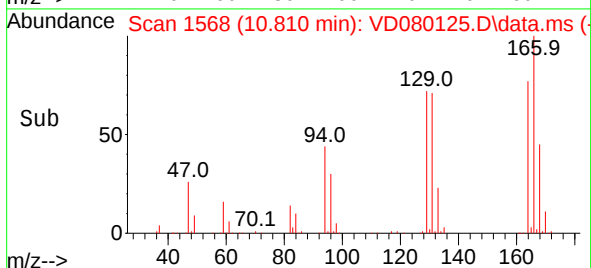
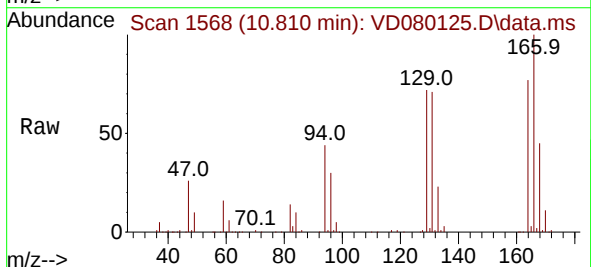
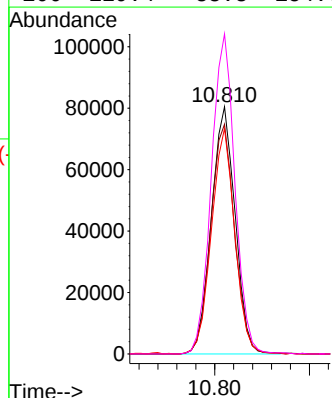
Ion Ratio Lower Upper

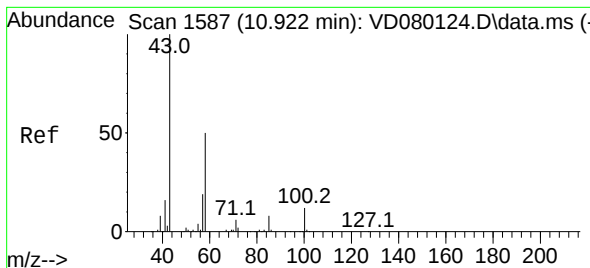
164 100

129 92.9 64.4 119.6

131 91.3 61.6 114.4

166 129.4 83.3 154.7





#48

2-Hexanone

Concen: 112.474 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

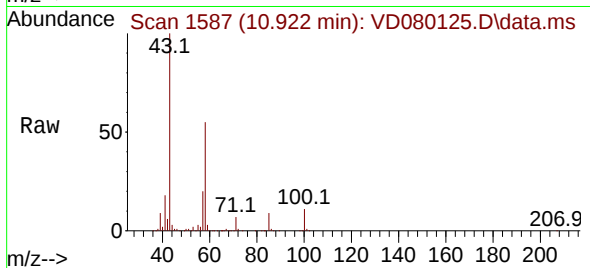
Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 215879

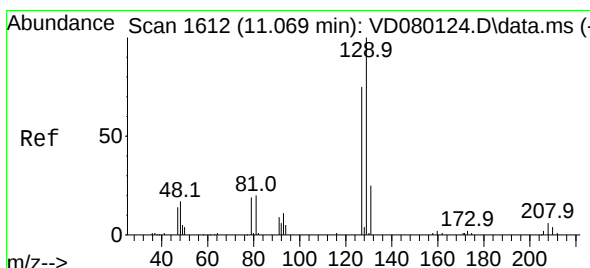
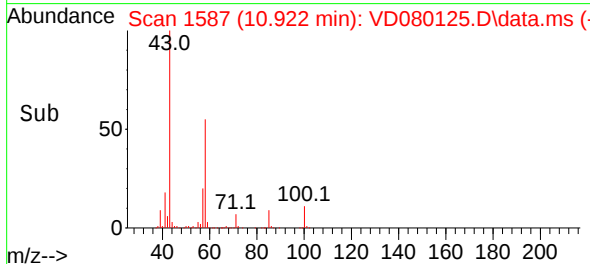
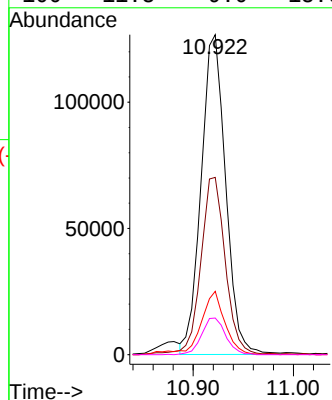
Ion Ratio Lower Upper

43 100

58 55.5 41.8 62.6

57 18.3 14.8 22.2

100 11.3 9.0 13.6



#49

Dibromochloromethane

Concen: 48.377 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD080125.D

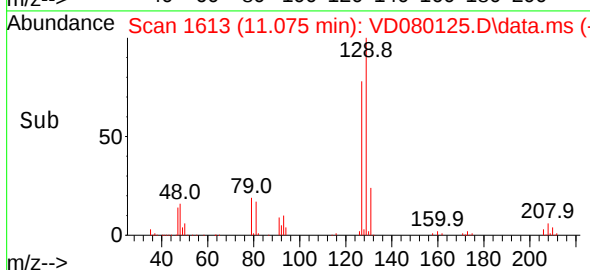
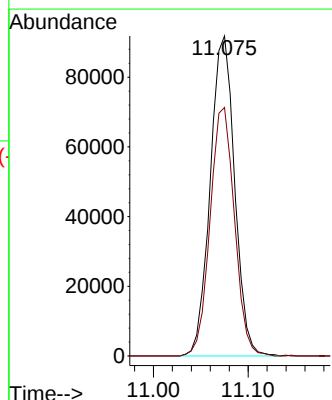
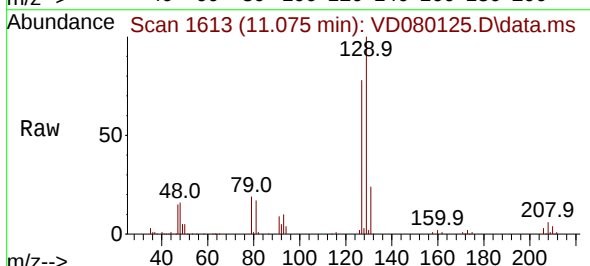
Acq: 11 Dec 2024 10:52

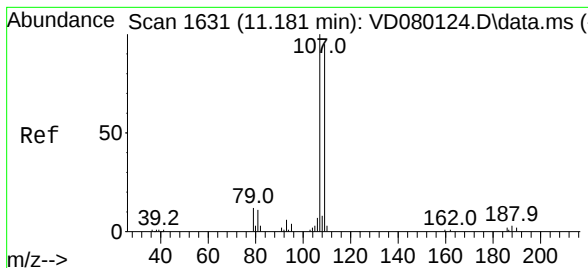
Tgt Ion:129 Resp: 164369

Ion Ratio Lower Upper

129 100

127 77.7 52.4 97.2





#50

1,2-Dibromoethane

Concen: 48.427 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080125.D

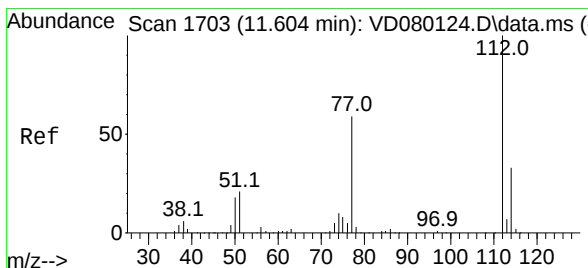
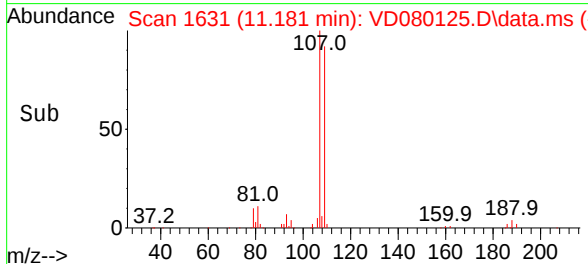
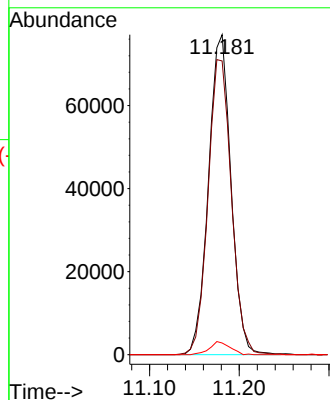
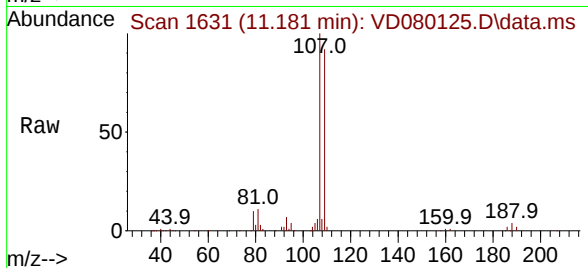
Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	134401
Ion	Ratio	Lower	Upper
107	100		
109	91.8	66.2	123.0
188	3.7	2.8	4.2



#51

Chlorobenzene

Concen: 48.891 ug/L

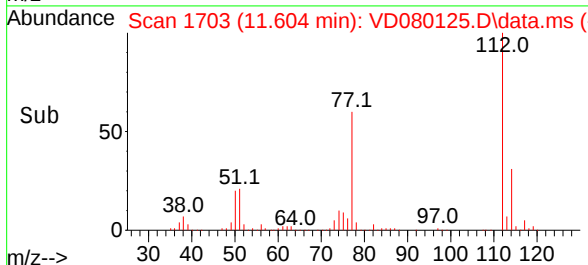
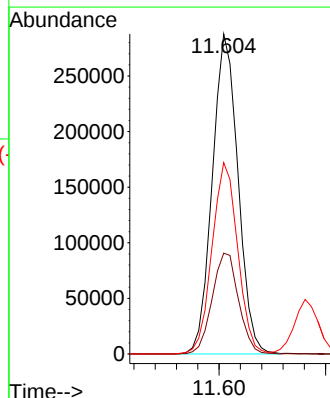
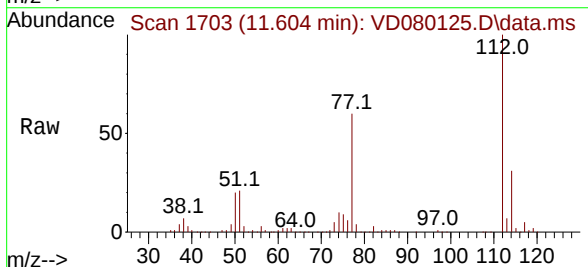
RT: 11.604 min Scan# 1703

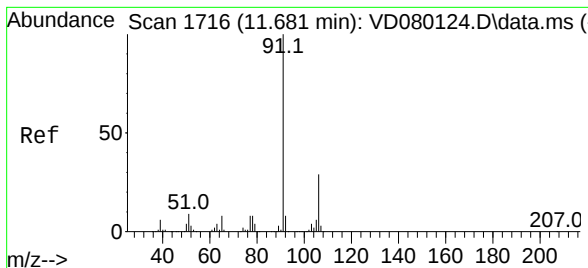
Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Tgt Ion:	112	Resp:	482210
Ion	Ratio	Lower	Upper
112	100		
114	31.5	23.3	43.3
77	59.8	47.8	71.8

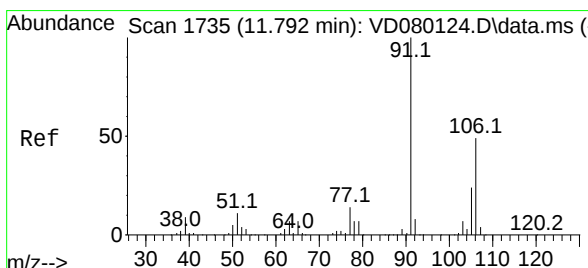
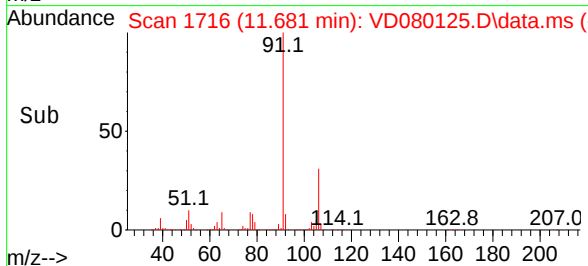
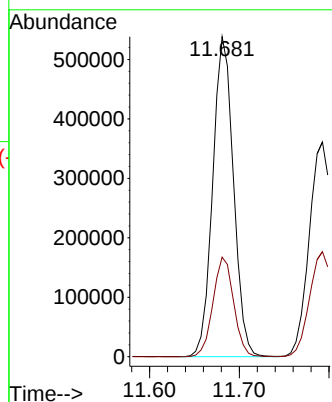
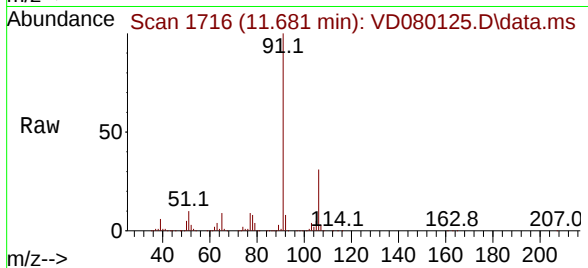




#52
Ethylbenzene
Concen: 52.820 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

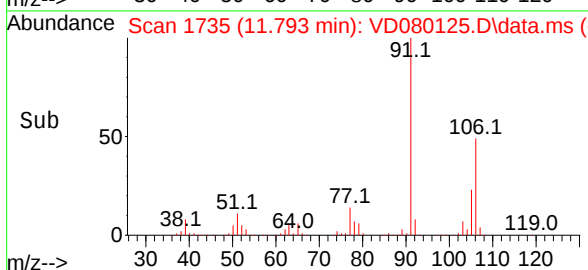
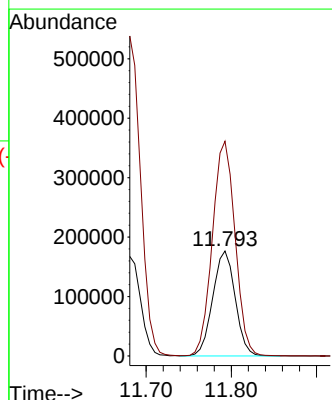
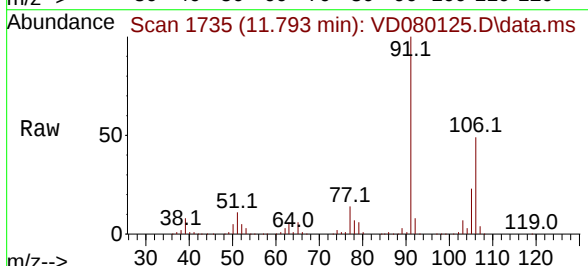
Instrument :
MSVOA_D
ClientSampleId :

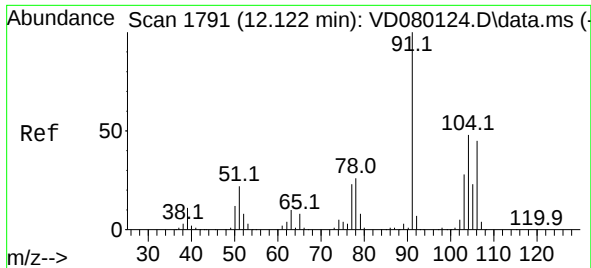
Tgt Ion: 91 Resp: 864336
Ion Ratio Lower Upper
91 100
106 31.1 20.0 37.2



#53
m,p-Xylene
Concen: 51.617 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion: 106 Resp: 322927
Ion Ratio Lower Upper
106 100
91 204.5 143.5 266.5

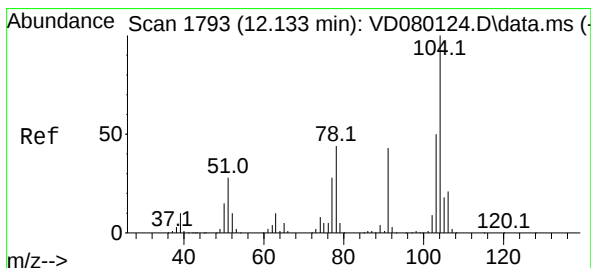
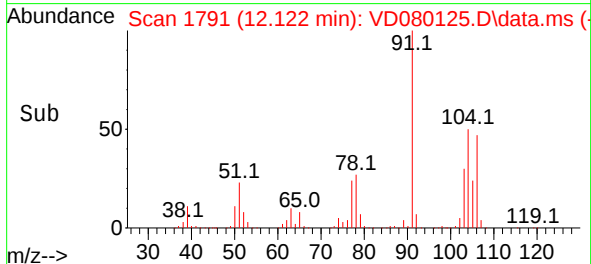
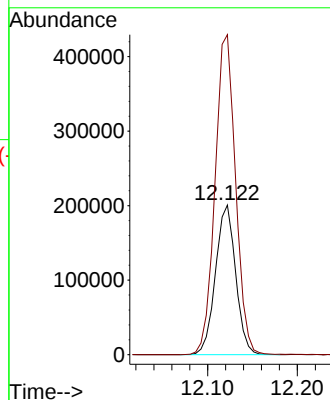
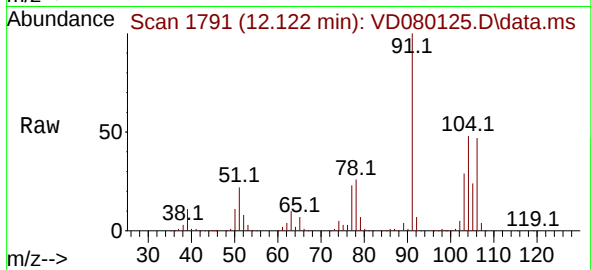




#54
o-Xylene
Concen: 52.201 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

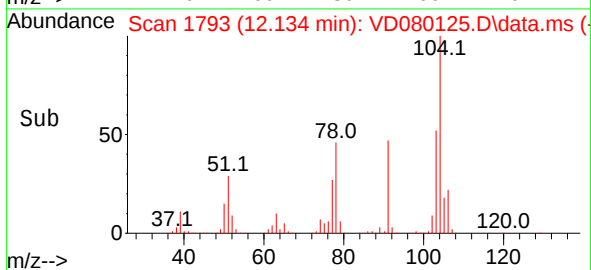
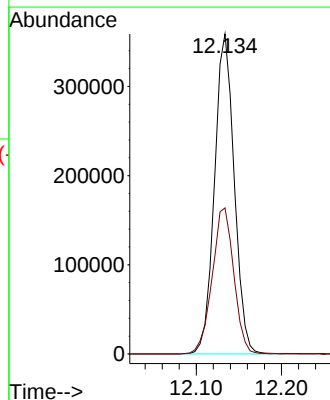
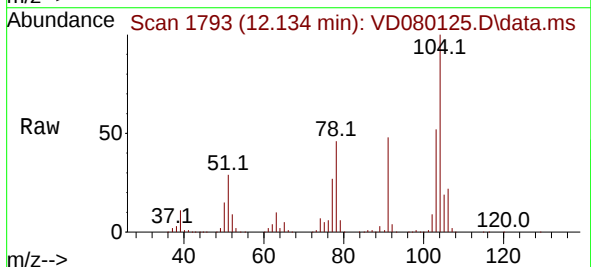
Instrument :
MSVOA_D
ClientSampleId :

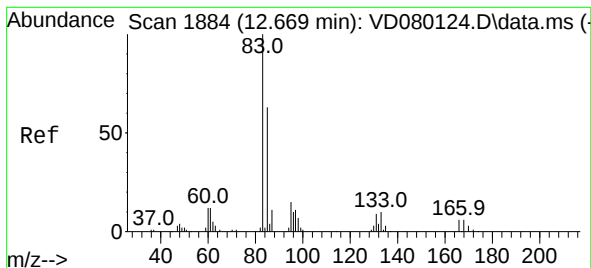
Tgt Ion:106 Resp: 313324
Ion Ratio Lower Upper
106 100
91 214.0 155.8 289.4



#55
Styrene
Concen: 53.125 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion:104 Resp: 577162
Ion Ratio Lower Upper
104 100
78 45.6 31.2 58.0





#57

1,1,2-Tetrachloroethane

Concen: 45.750 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

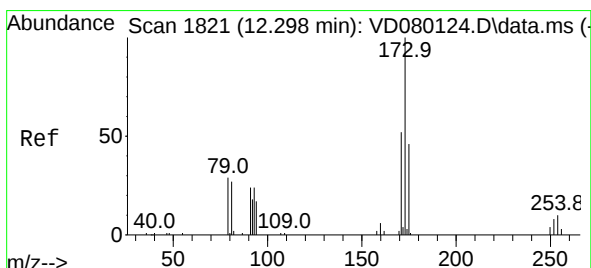
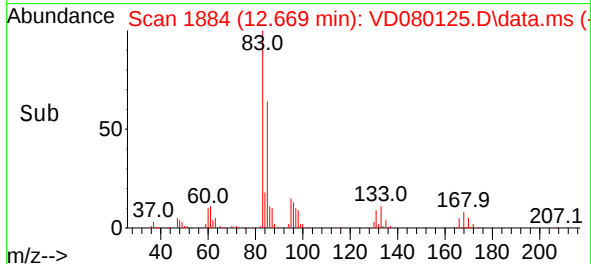
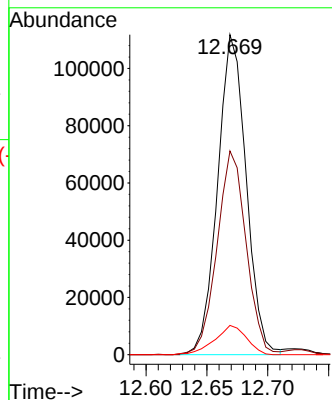
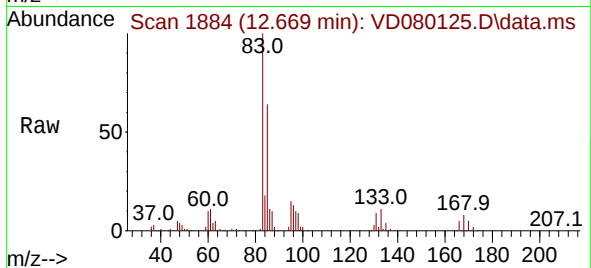
Tgt Ion: 83 Resp: 182442

Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.2

131 9.2 7.1 10.7



#59

Bromoform

Concen: 47.272 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

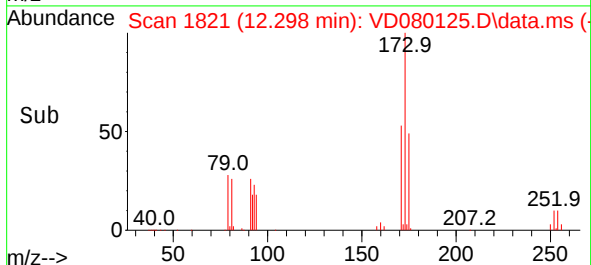
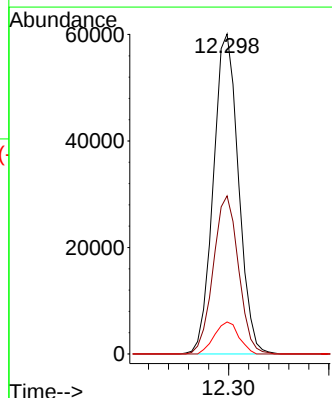
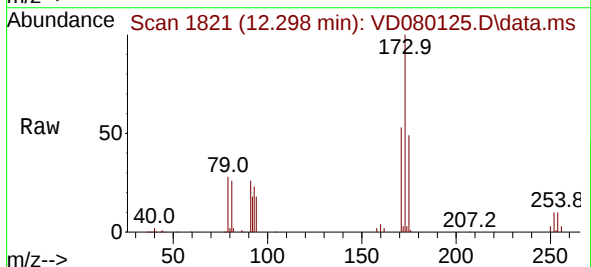
Tgt Ion:173 Resp: 104526

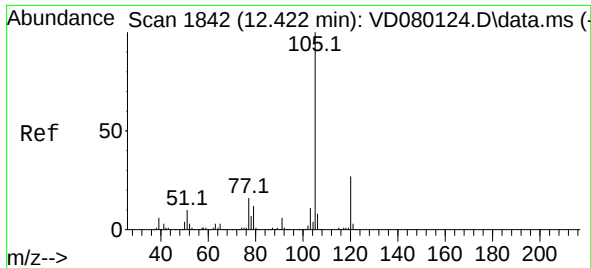
Ion Ratio Lower Upper

173 100

175 49.5 38.2 57.4

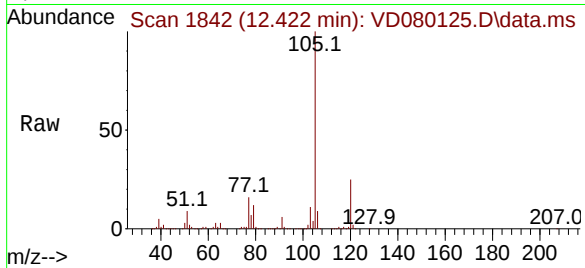
254 9.7 8.5 12.7



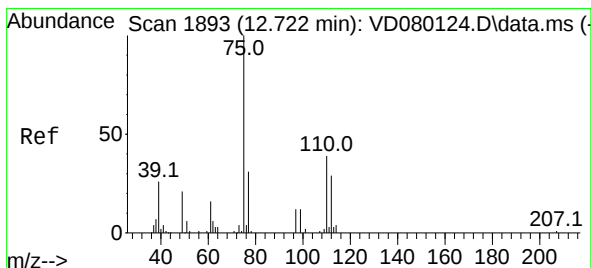
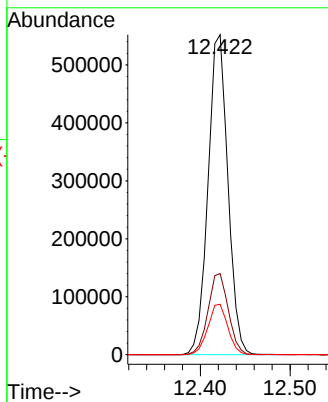
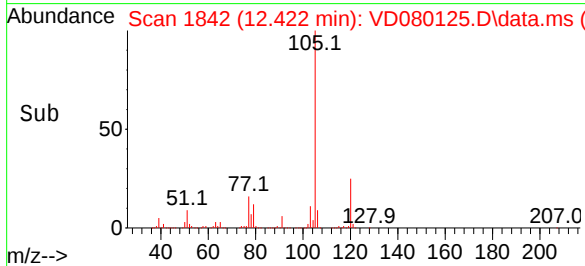


#60
Isopropylbenzene
Concen: 51.832 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

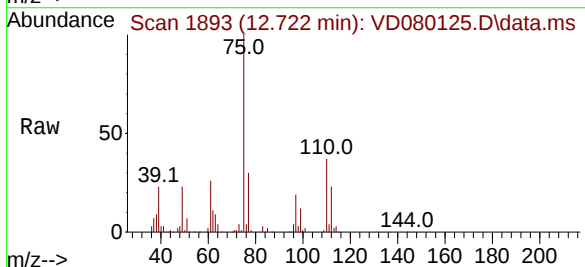
Instrument :
MSVOA_D
ClientSampleId :



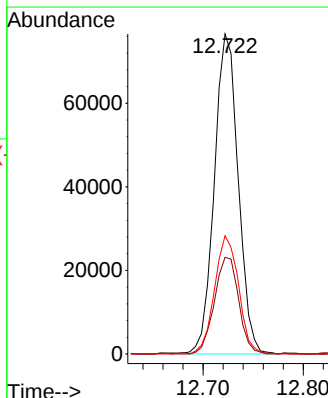
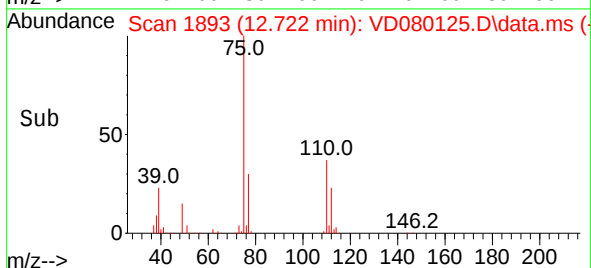
Tgt Ion:105 Resp: 848076
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 15.9 12.9 19.3

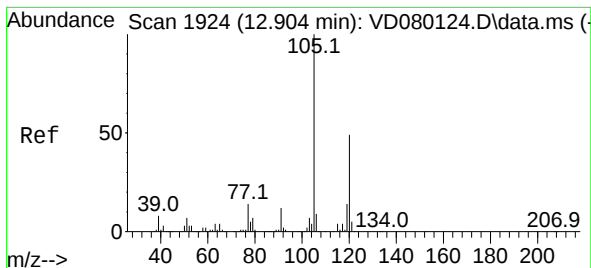


#61
1,2,3-Trichloropropane
Concen: 44.638 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52



Tgt Ion: 75 Resp: 126557
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.6
110 37.0 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 50.122 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

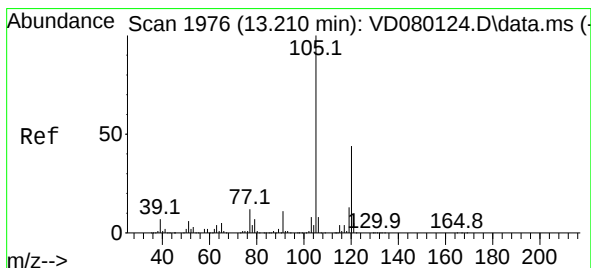
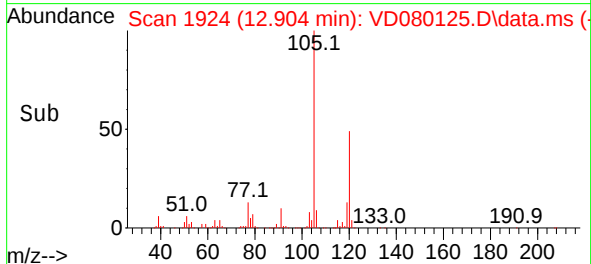
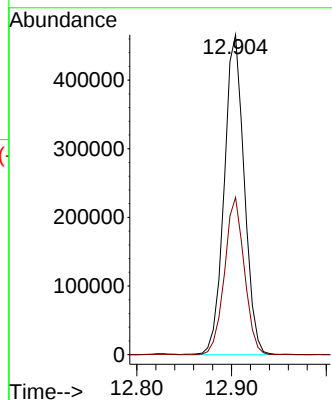
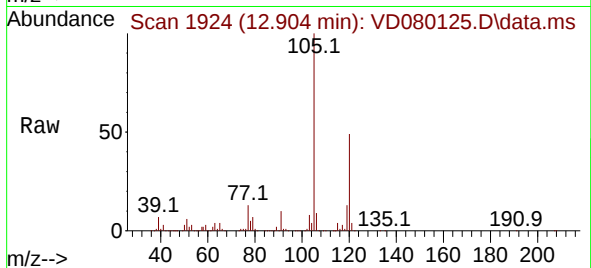
ClientSampleId :

Tgt Ion:105 Resp: 683738

Ion Ratio Lower Upper

105 100

120 48.6 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 52.092 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080125.D

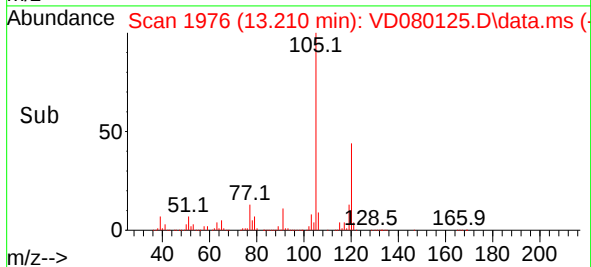
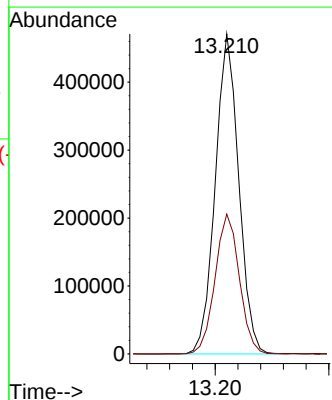
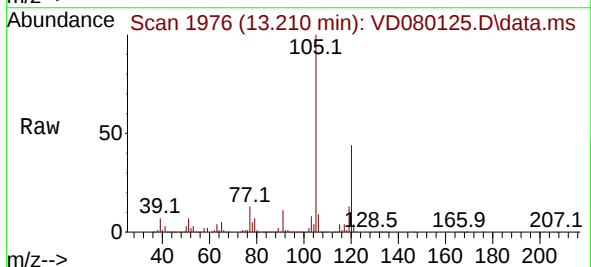
Acq: 11 Dec 2024 10:52

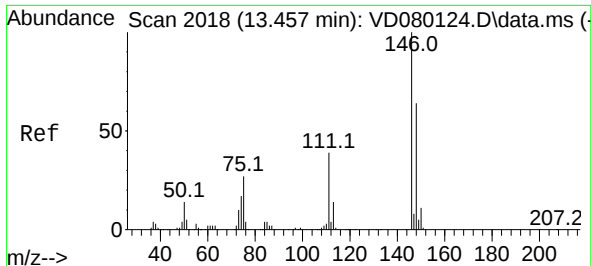
Tgt Ion:105 Resp: 676094

Ion Ratio Lower Upper

105 100

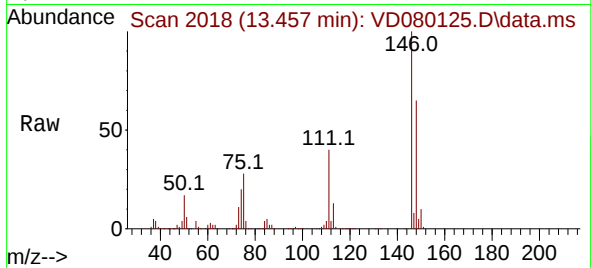
120 45.2 36.4 54.6



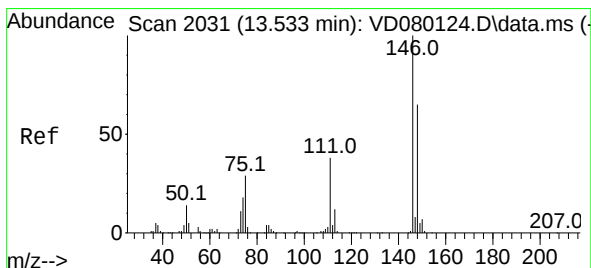
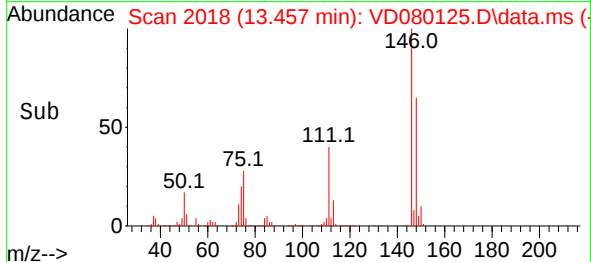
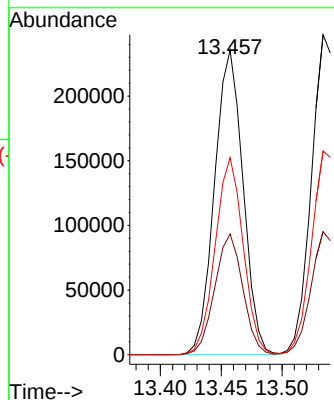


#64
1,3-Dichlorobenzene
Concen: 48.252 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

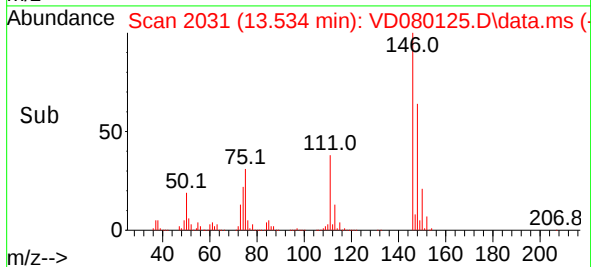
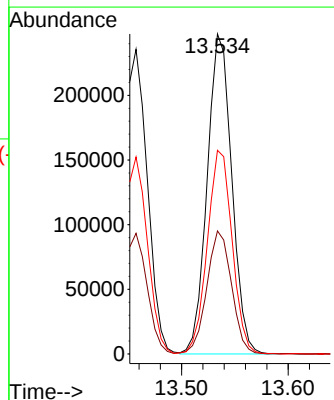
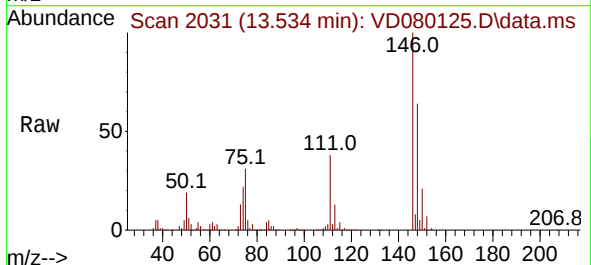


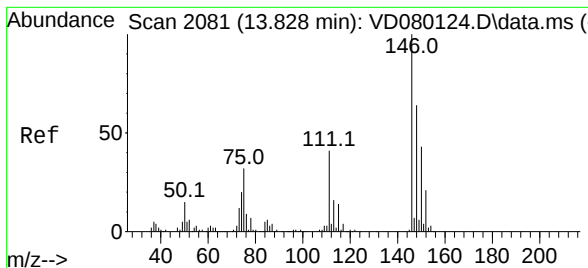
Tgt Ion:146 Resp: 384027
Ion Ratio Lower Upper
146 100
111 39.6 27.0 50.2
148 64.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 46.269 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion:146 Resp: 396983
Ion Ratio Lower Upper
146 100
111 38.4 27.0 50.2
148 63.7 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 54.612 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

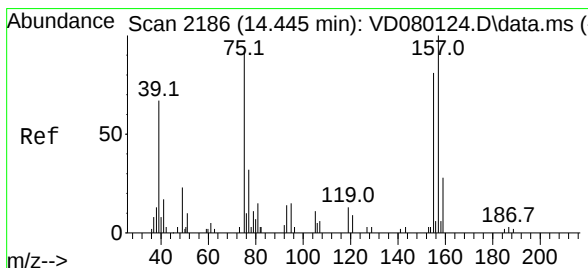
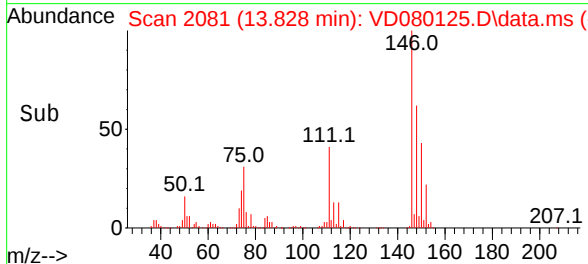
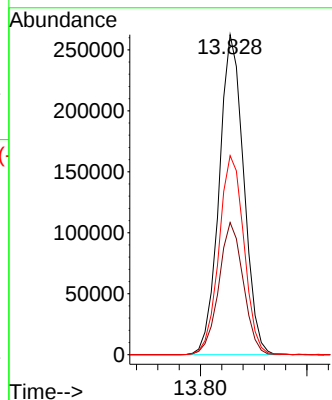
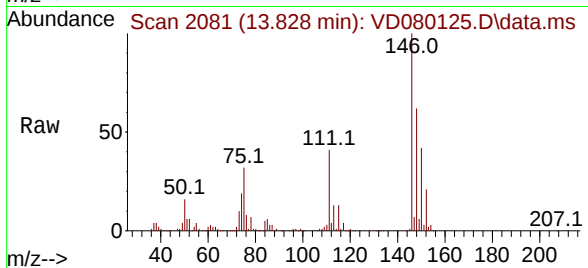
Tgt Ion:146 Resp: 419708

Ion Ratio Lower Upper

146 100

111 41.3 32.8 49.2

148 62.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 50.421 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

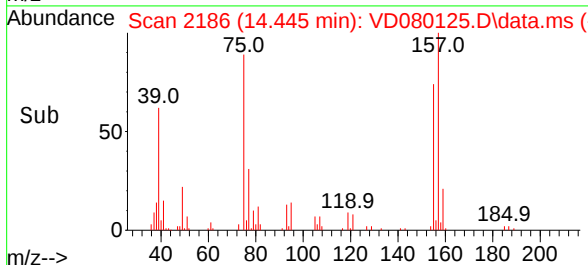
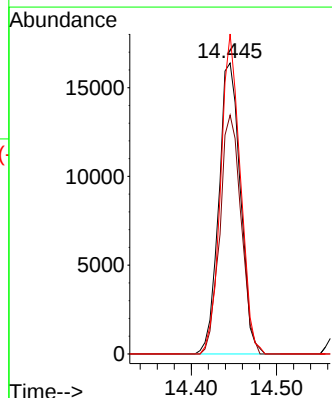
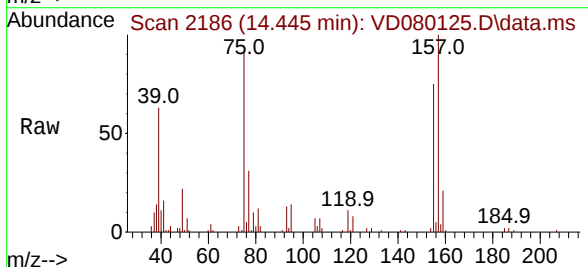
Tgt Ion: 75 Resp: 28826

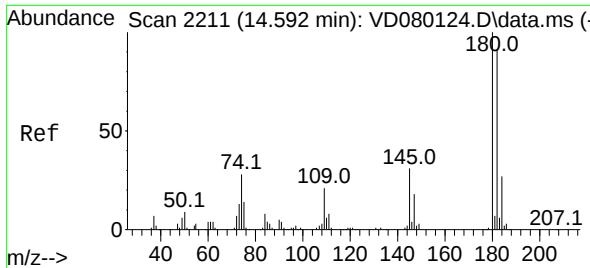
Ion Ratio Lower Upper

75 100

155 82.1 70.5 105.7

157 110.0 86.6 129.8





#69

1,3,5-Trichlorobenzene

Concen: 47.802 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 262808

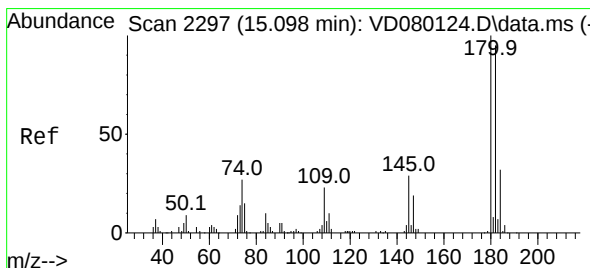
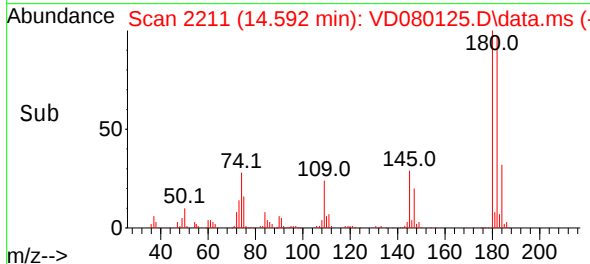
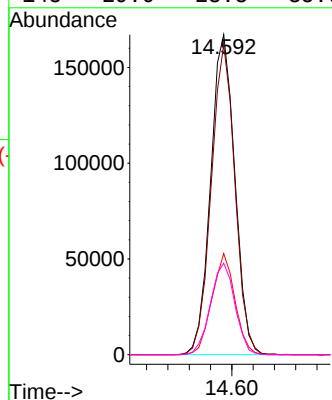
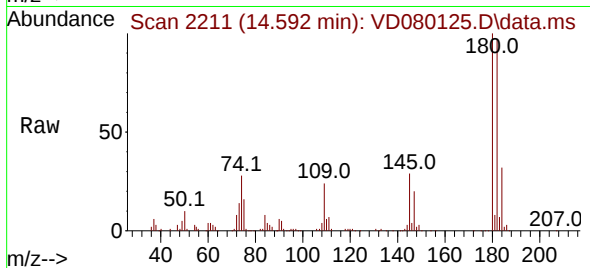
Ion Ratio Lower Upper

180 100

182 94.7 75.0 112.6

184 30.1 23.4 35.2

145 29.0 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 50.460 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080125.D

Acq: 11 Dec 2024 10:52

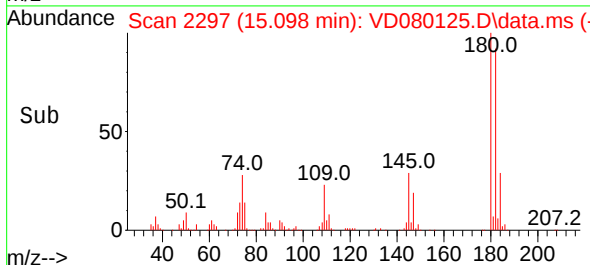
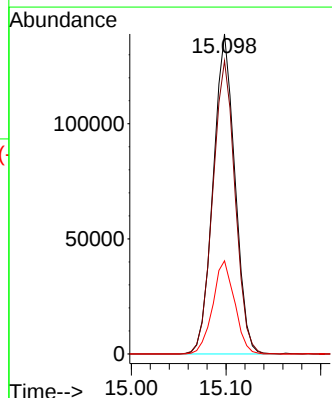
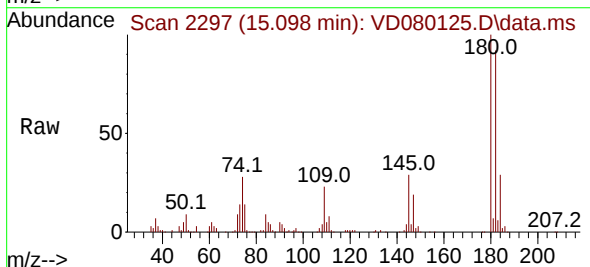
Tgt Ion:180 Resp: 221768

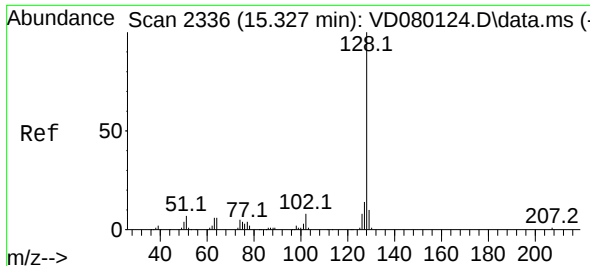
Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.4

145 29.3 23.4 35.2

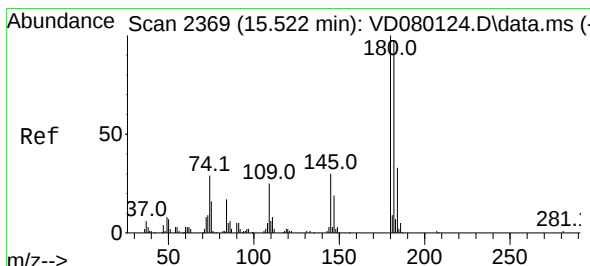
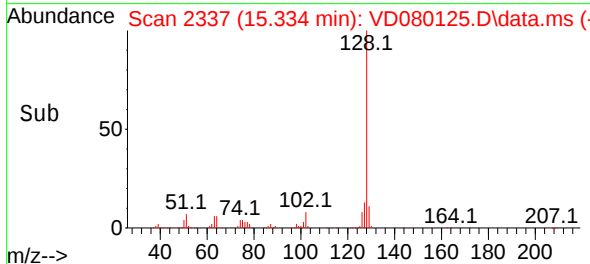
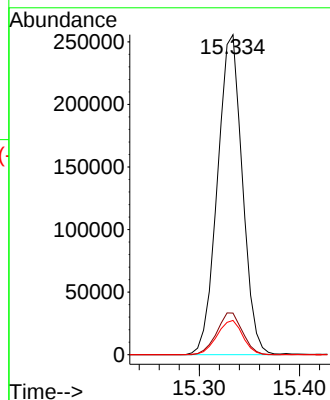
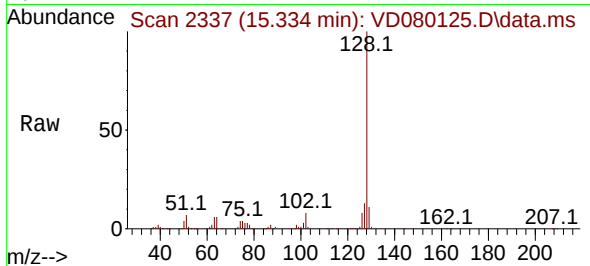




#71
Naphthalene
Concen: 52.842 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	441200
Ion Ratio	Lower	Upper
128	100	
127	13.5	11.2 16.8
129	11.0	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 46.690 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080125.D
Acq: 11 Dec 2024 10:52

Tgt Ion:180	Resp:	206515
Ion Ratio	Lower	Upper
180	100	
182	94.0	78.1 117.1
145	31.4	25.8 38.8

