

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075700.D
 Acq On : 17 Apr 2023 14:41
 Operator : KP/SY
 Sample : 02258-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230196-1-2RE

Quant Time: Apr 18 01:18:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

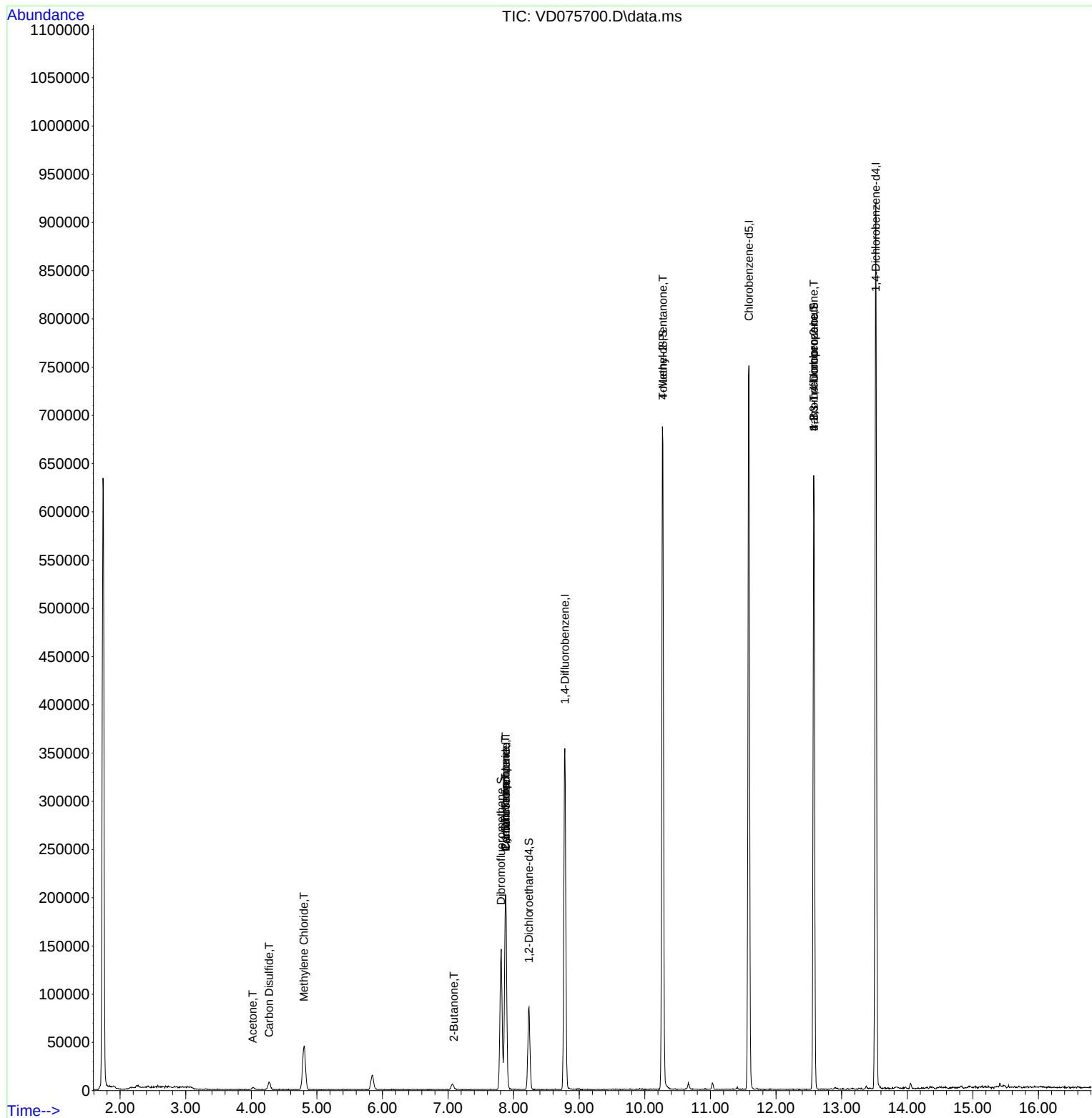
Internal Standards						
1) Pentafluorobenzene	7.881	168	171040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	349673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	473591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	254755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64842	39.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.880%
35) Dibromofluoromethane	7.810	113	107678	45.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.560%
50) Toluene-d8	10.275	98	525888	55.836	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.680%
62) 4-Bromofluorobenzene	12.575	95	200759	80.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	160.400%#
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	3903	13.123	ug/l	92
17) Carbon Disulfide	4.269	76	17039	2.718	ug/l	95
20) Methylene Chloride	4.805	84	41548	14.813	ug/l #	75
25) 2-Butanone	7.087	43	563	1.470	ug/l #	50
31) Cyclohexane	7.875	56	3077	1.208	ug/l #	12
36) 1,1-Dichloropropene	7.875	75	11489	3.541	ug/l #	50
38) Carbon Tetrachloride	7.881	117	15836	5.542	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1508	1.571	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	99358	47.826	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	99358	103.658	ug/l #	5

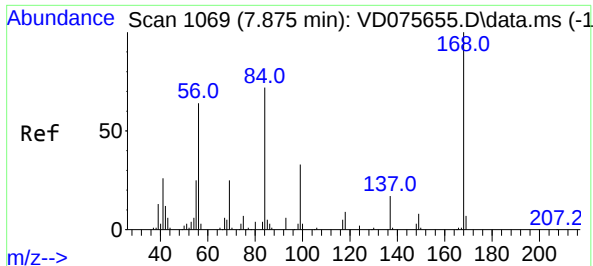
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20230196-1-2RE

Quant Time: Apr 18 01:18:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

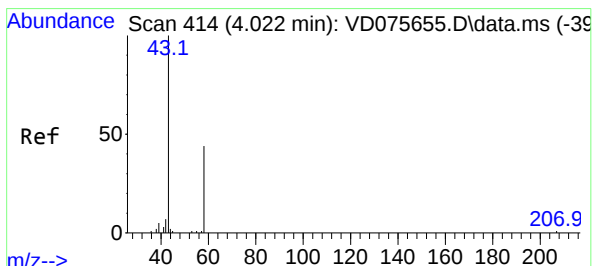
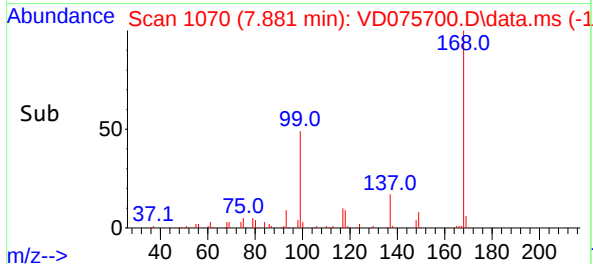
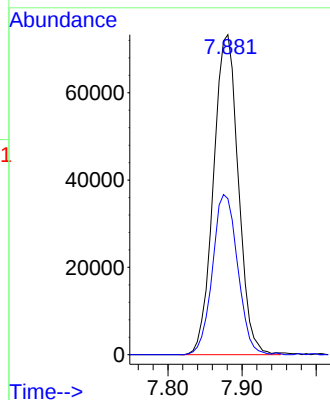
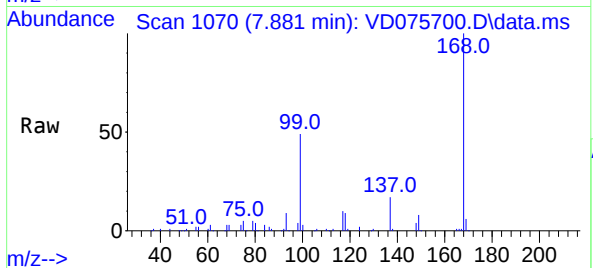




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

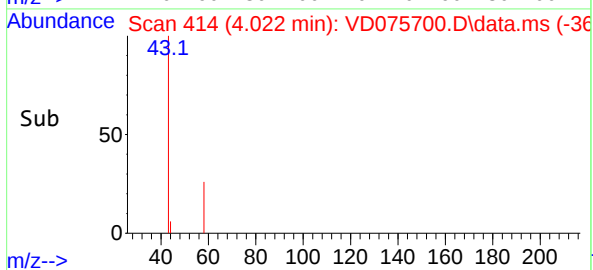
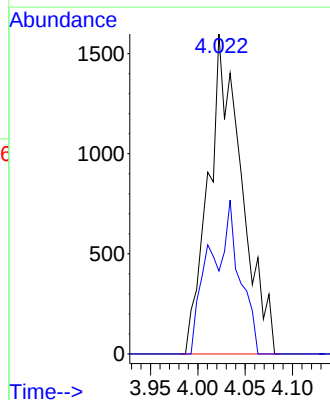
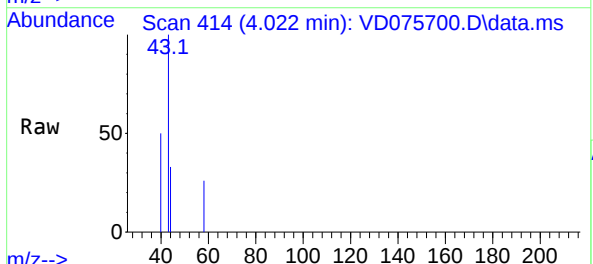
Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2RE

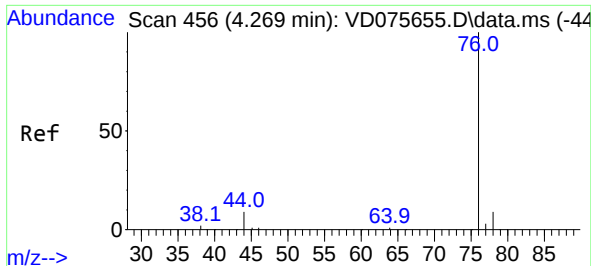
Tgt Ion:168 Resp: 171040
Ion Ratio Lower Upper
168 100
99 48.7 43.8 65.6



#16
Acetone
Concen: 13.123 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Tgt Ion: 43 Resp: 3903
Ion Ratio Lower Upper
43 100
58 25.9 24.4 36.6

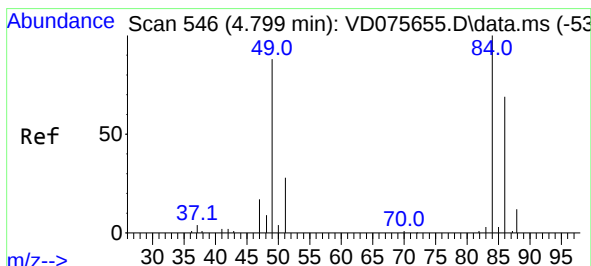
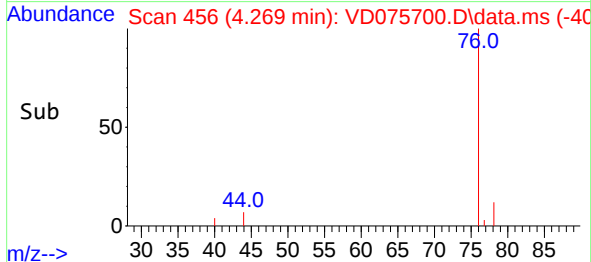
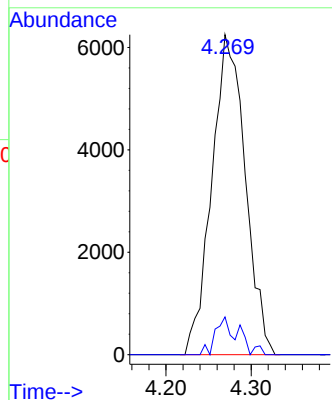
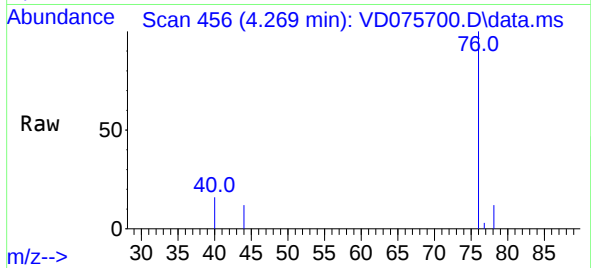




#17
Carbon Disulfide
Concen: 2.718 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

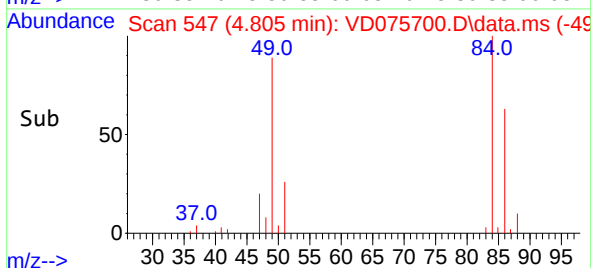
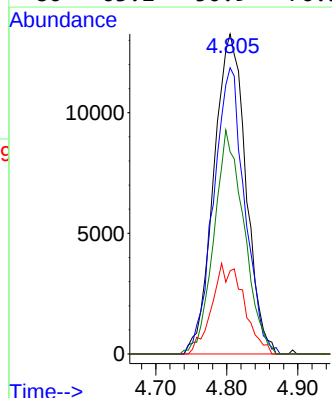
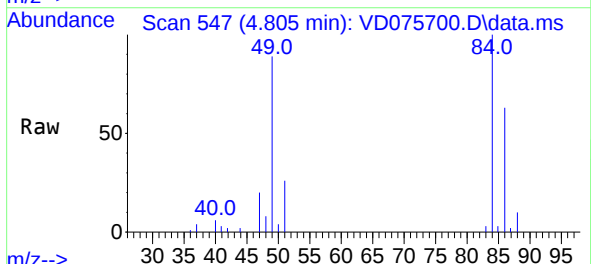
Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2RE

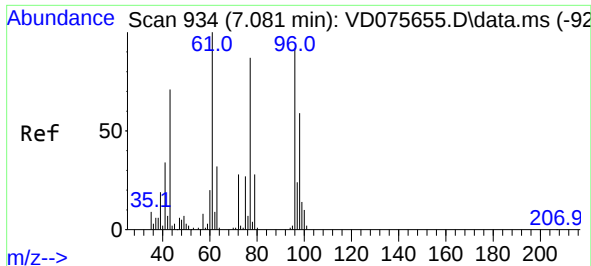
Tgt Ion: 76 Resp: 17039
Ion Ratio Lower Upper
76 100
78 11.8 8.0 12.0



#20
Methylene Chloride
Concen: 14.813 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

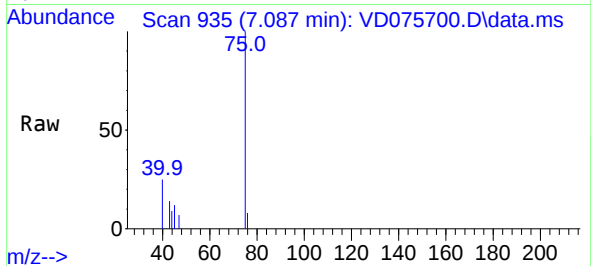
Tgt Ion: 84 Resp: 41548
Ion Ratio Lower Upper
84 100
49 89.5 106.4 159.6#
51 26.0 32.4 48.6#
86 63.2 50.9 76.3



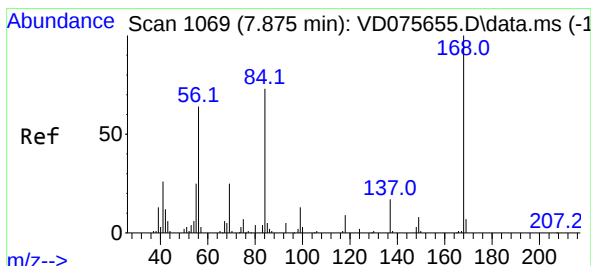
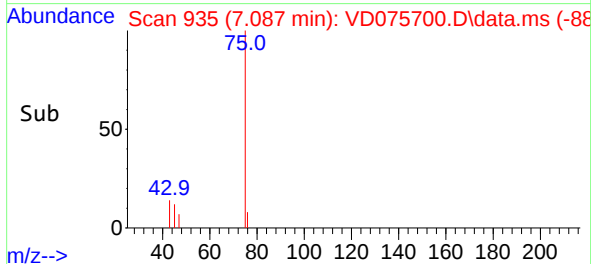
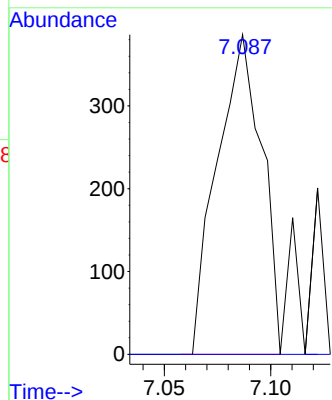


#25
2-Butanone
Concen: 1.470 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2RE

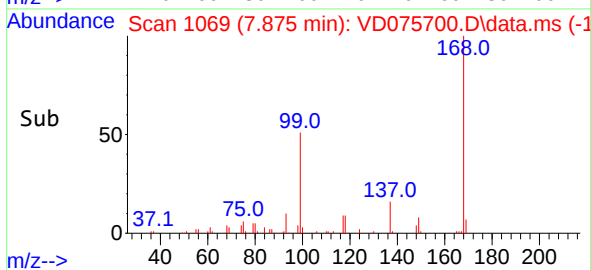
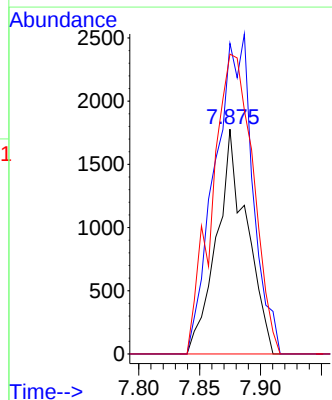
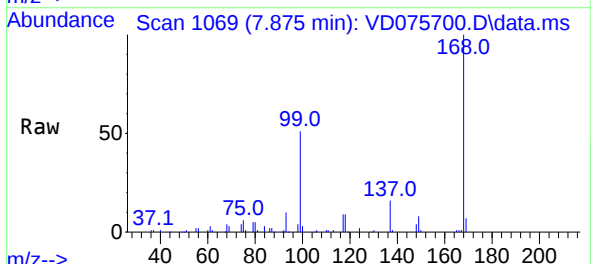


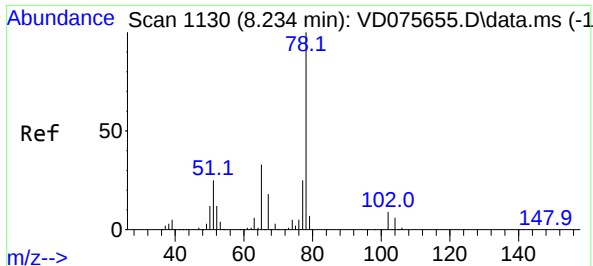
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Tgt Ion: 56 Resp: 3077
Ion Ratio Lower Upper
56 100
69 138.2 25.5 38.3#
84 133.4 69.6 104.4#

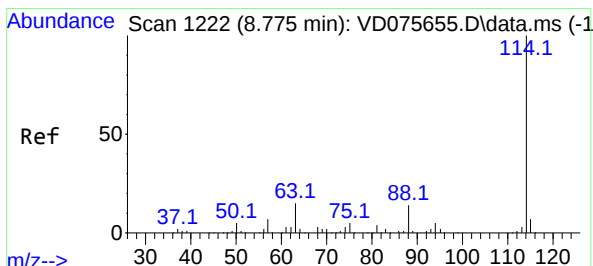
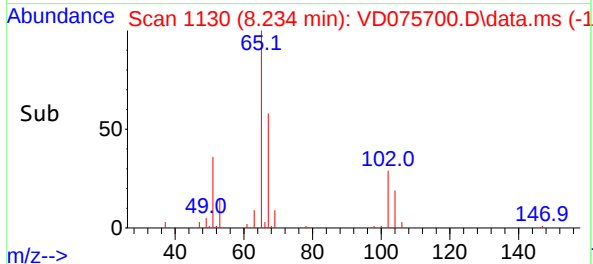
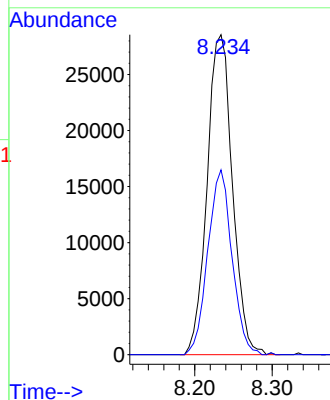
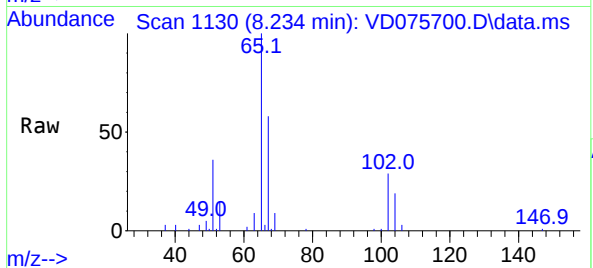




#33
1,2-Dichloroethane-d4
Concen: 39.940 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

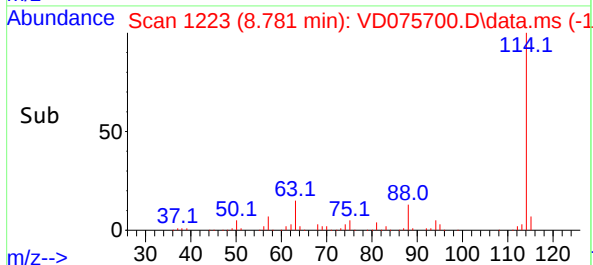
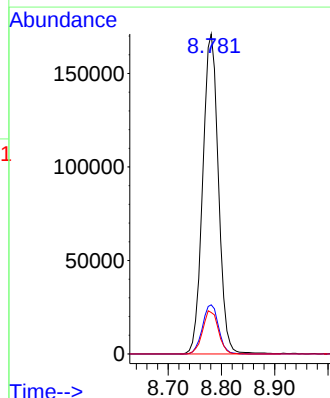
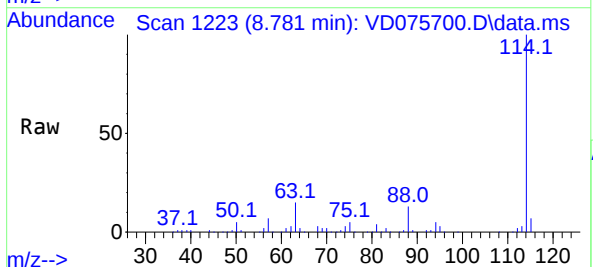
Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2RE

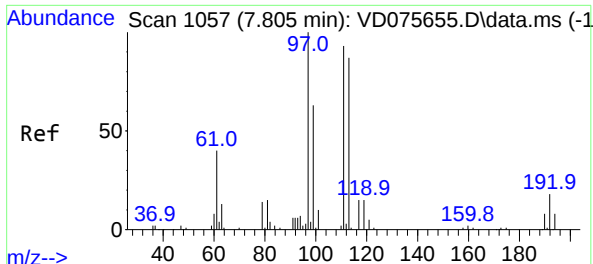
Tgt Ion: 65 Resp: 64842
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Tgt Ion: 114 Resp: 349673
Ion Ratio Lower Upper
114 100
63 15.3 0.0 41.6
88 12.9 0.0 30.6

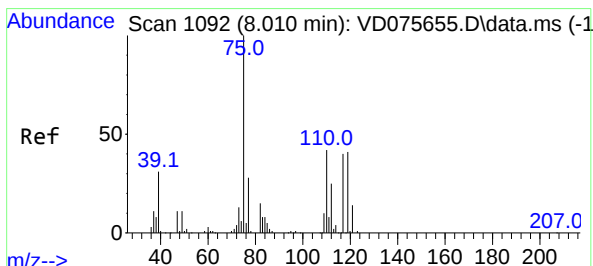
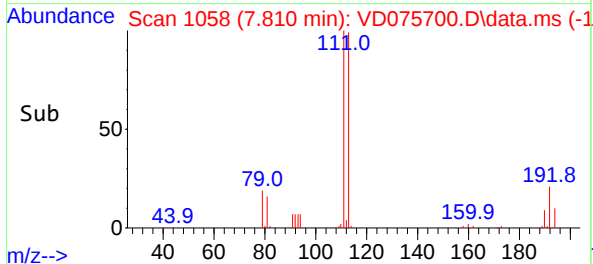
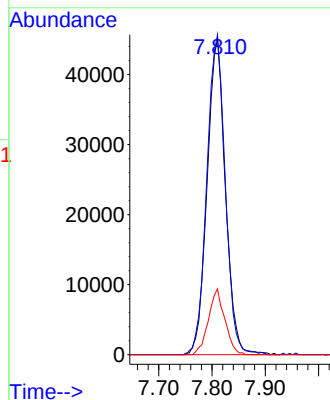
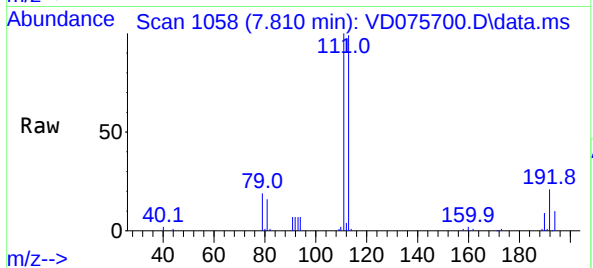




#35
Dibromofluoromethane
Concen: 45.783 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

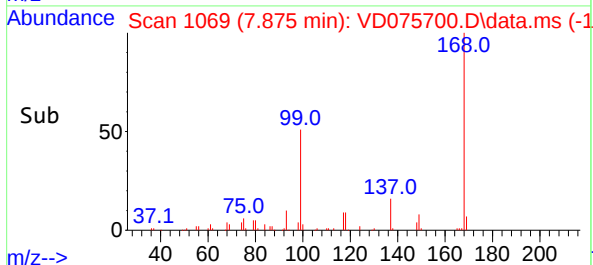
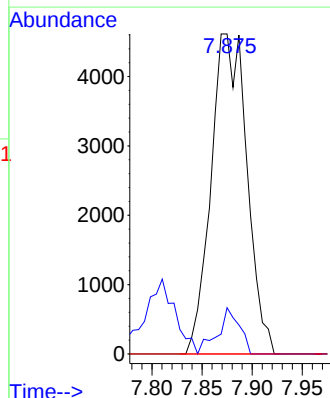
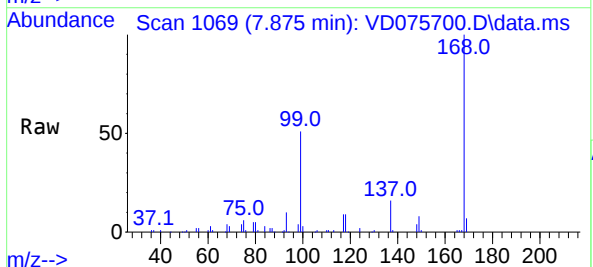
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20230196-1-2RE

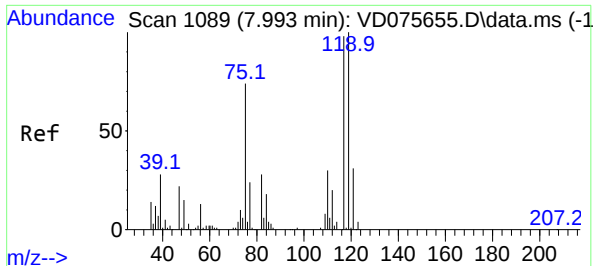
Tgt Ion:113 Resp: 107678
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 18.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 3.541 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Tgt Ion: 75 Resp: 11489
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.6 36.8#

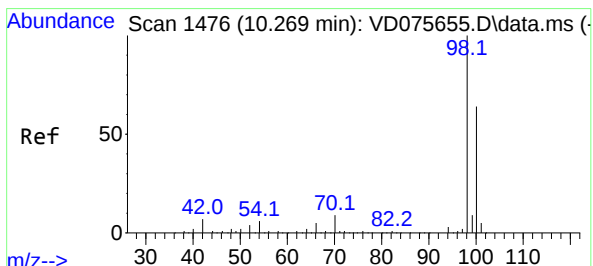
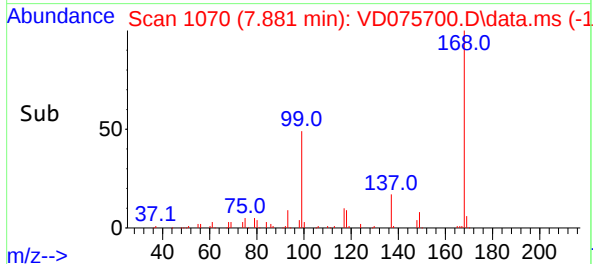
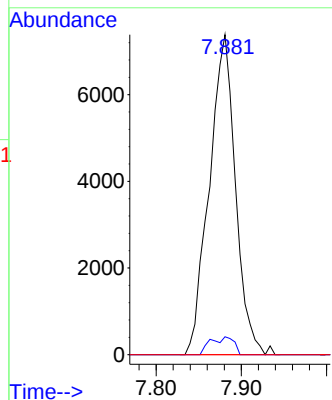
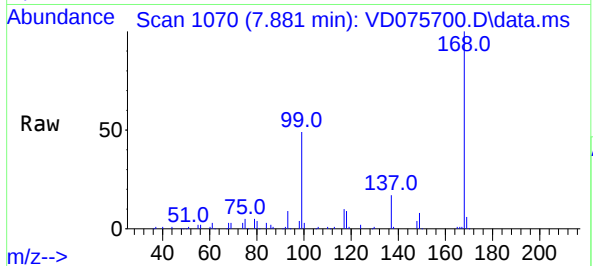




#38
Carbon Tetrachloride
Concen: 5.542 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

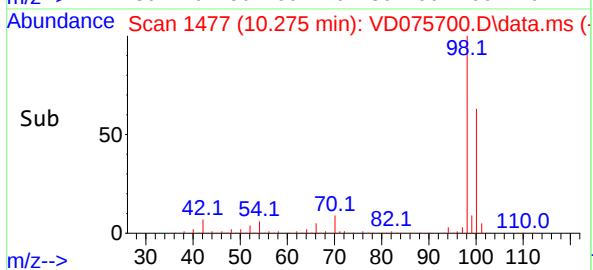
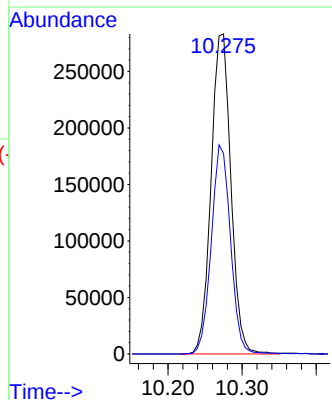
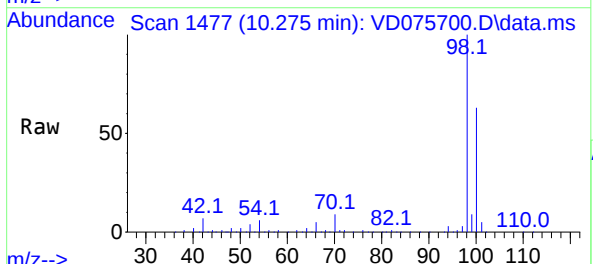
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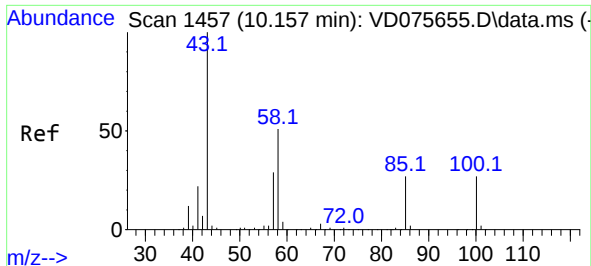
Tgt Ion:117 Resp: 15836
Ion Ratio Lower Upper
117 100
119 5.6 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 55.836 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Tgt Ion: 98 Resp: 525888
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1

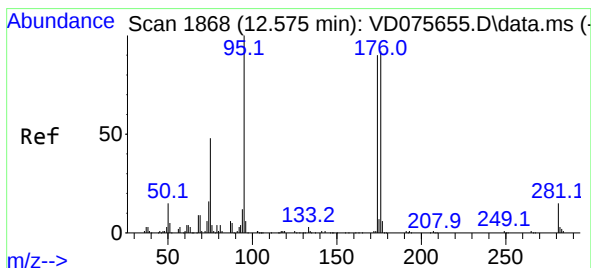
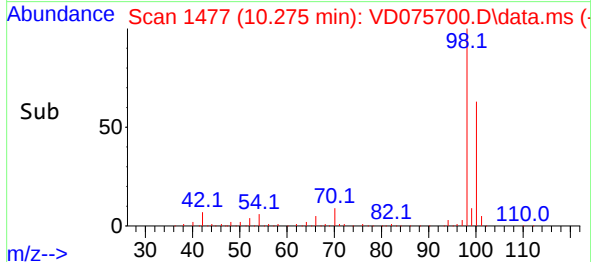
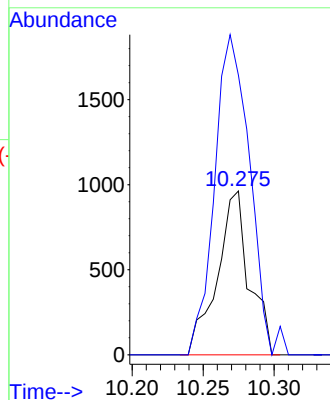
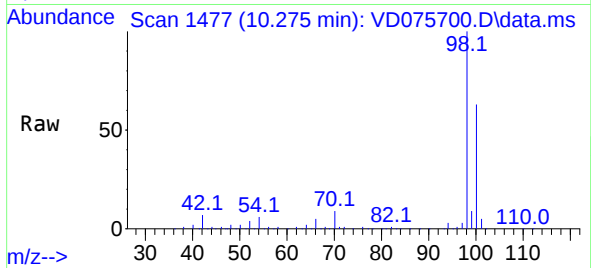




#51
4-Methyl-2-Pentanone
Concen: 1.571 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

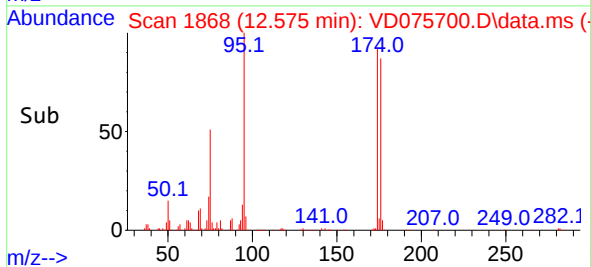
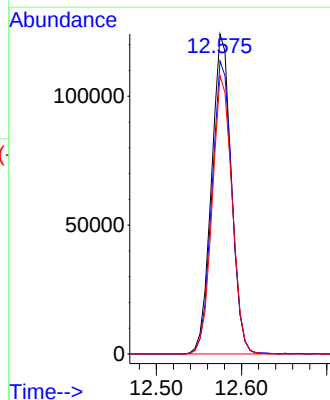
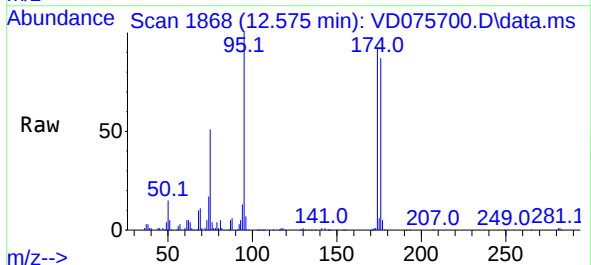
Instrument :
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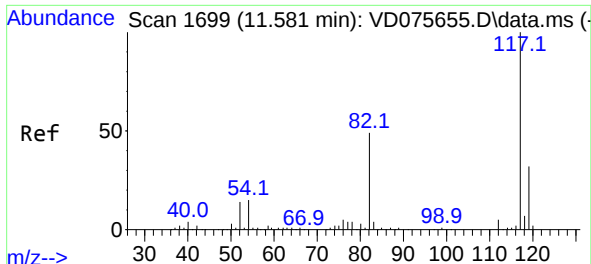
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 215.3 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 80.195 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Tgt Ion: 95 Resp: 200759
Ion Ratio Lower Upper
95 100
174 92.3 0.0 164.0
176 87.2 0.0 156.8

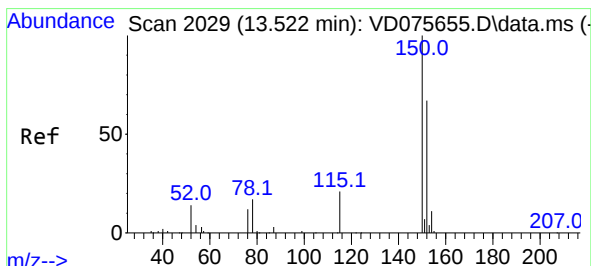
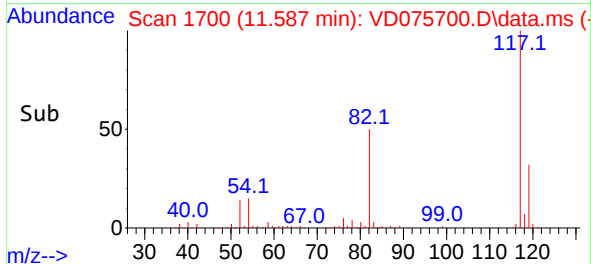
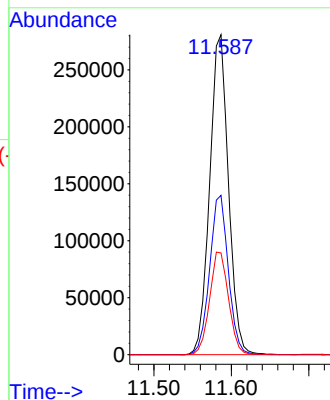
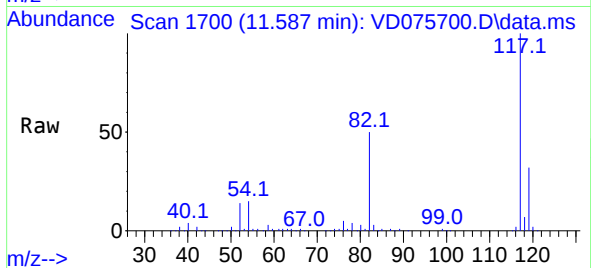




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

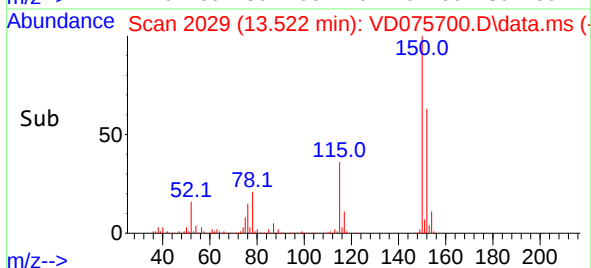
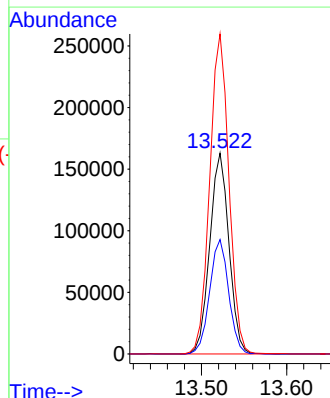
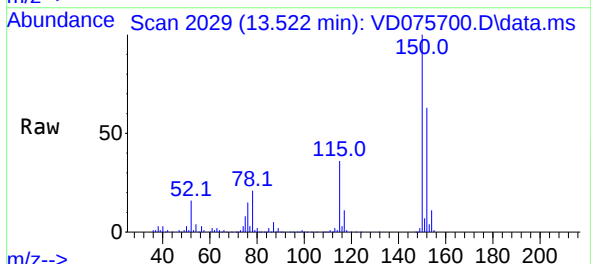
Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2RE

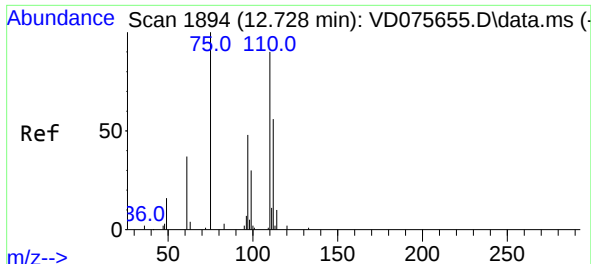
Tgt Ion:117 Resp: 473591
Ion Ratio Lower Upper
117 100
82 49.8 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Tgt Ion:152 Resp: 254755
Ion Ratio Lower Upper
152 100
115 56.5 30.1 90.3
150 159.3 0.0 364.8

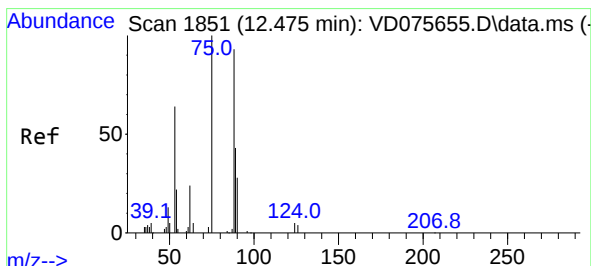
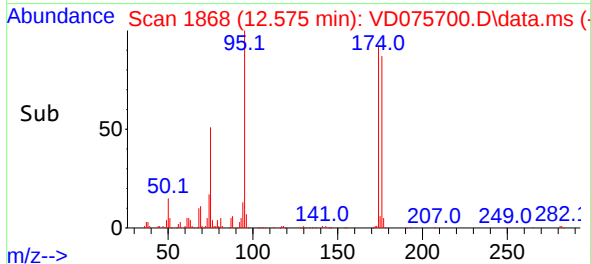
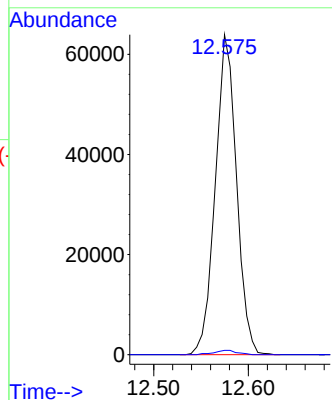
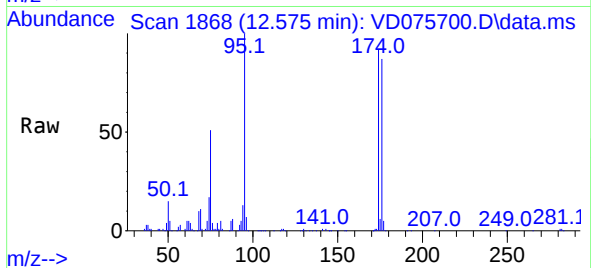




#76
1,2,3-Trichloropropane
Concen: 47.826 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2RE

Tgt Ion: 75 Resp: 99358
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.658 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075700.D
Acq: 17 Apr 2023 14:41

Tgt Ion: 75 Resp: 99358
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

