

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075702.D
 Acq On : 17 Apr 2023 15:40
 Operator : KP/SY
 Sample : 02347-02RE
 Misc : 4.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230246-13-4

Quant Time: Apr 18 01:18:21 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)

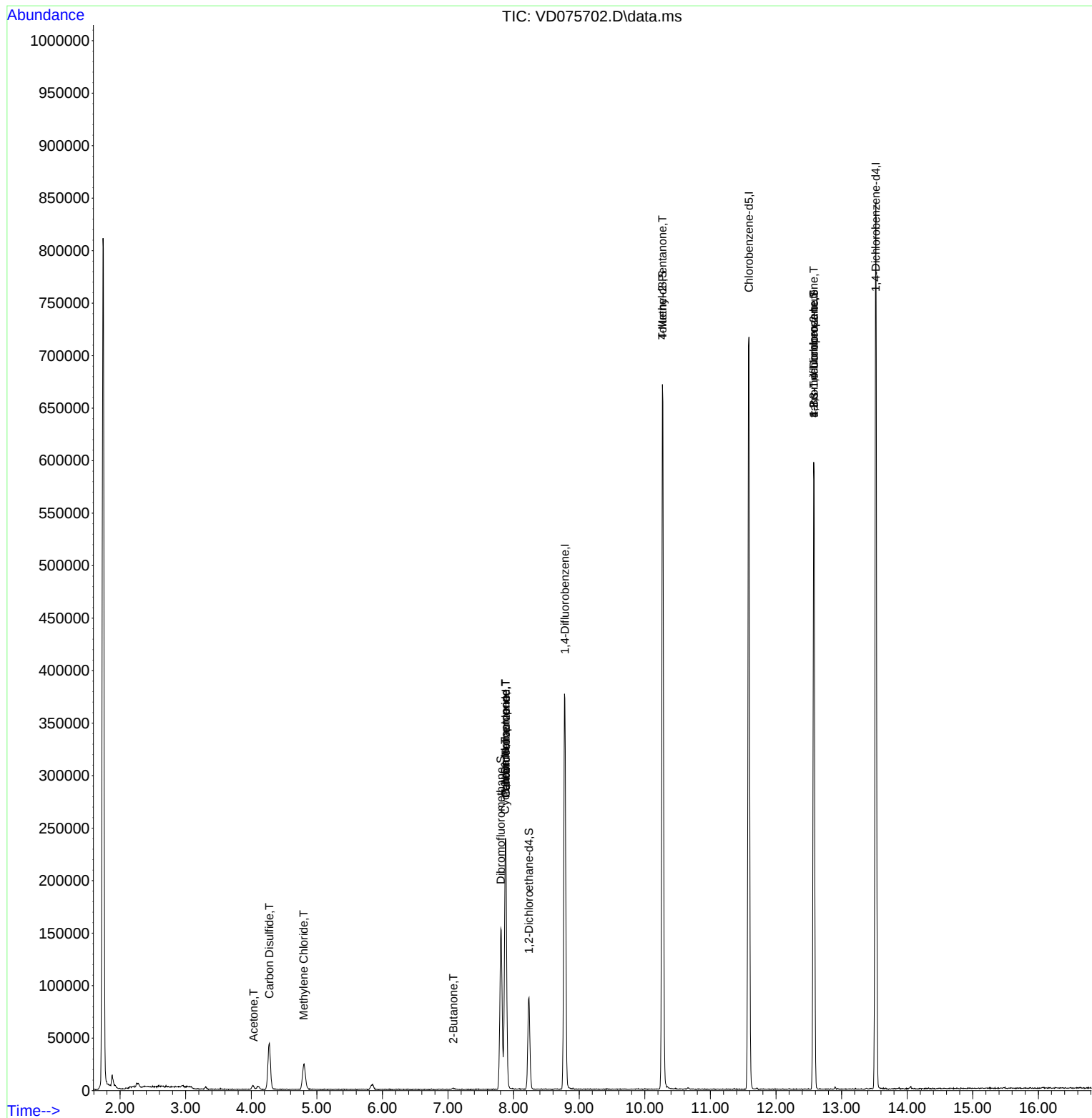
Internal Standards						
1) Pentafluorobenzene	7.881	168	213654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	390111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	460778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	240528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68138	33.599	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	67.200%		
35) Dibromofluoromethane	7.805	113	115311	43.947	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.900%		
50) Toluene-d8	10.269	98	504766	48.038	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.080%		
62) 4-Bromofluorobenzene	12.575	95	189554	67.870	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	135.740%		
Target Compounds					Qvalue	
16) Acetone	4.034	43	6034	16.241	ug/l #	67
17) Carbon Disulfide	4.275	76	97439	12.443	ug/l #	94
20) Methylene Chloride	4.799	84	22629	3.592	ug/l #	72
25) 2-Butanone	7.081	43	824	1.723	ug/l #	50
31) Cyclohexane	7.869	56	3707	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	13244	3.659	ug/l #	50
38) Carbon Tetrachloride	7.881	117	18284	5.736	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1227	1.146	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	94879	48.371	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	94879	104.840	ug/l #	5

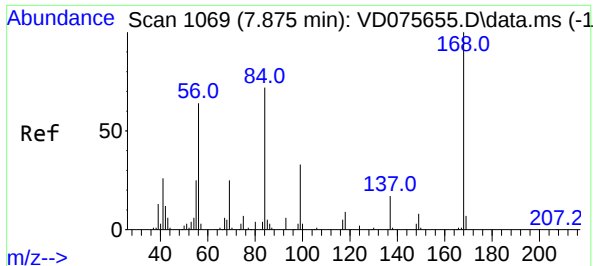
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
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20230246-13-4

Quant Time: Apr 18 01:18:21 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





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075702.D

Acq: 17 Apr 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :

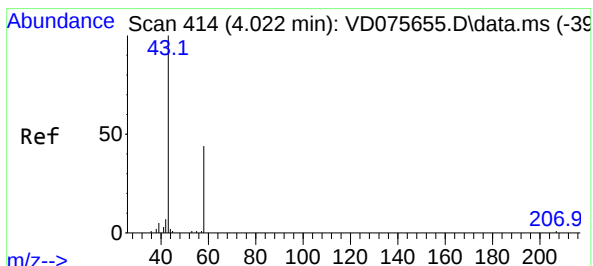
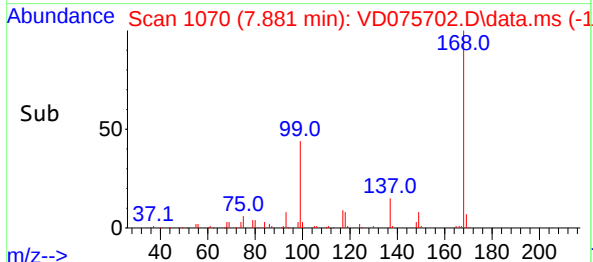
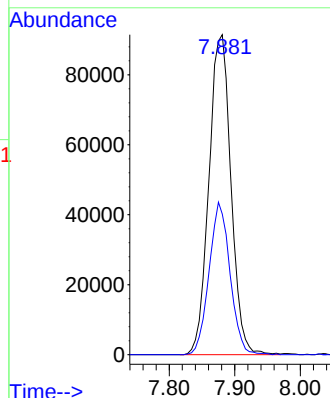
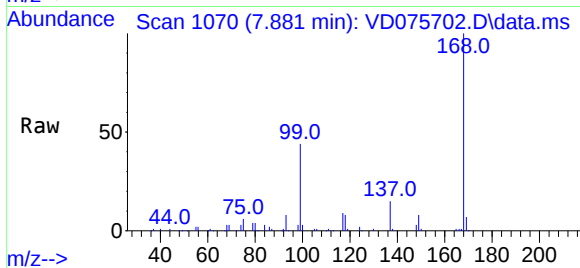
20230246-13-4

Tgt Ion:168 Resp: 213654

Ion Ratio Lower Upper

168 100

99 44.0 43.8 65.6



Acetone

Concen: 16.241 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD075702.D

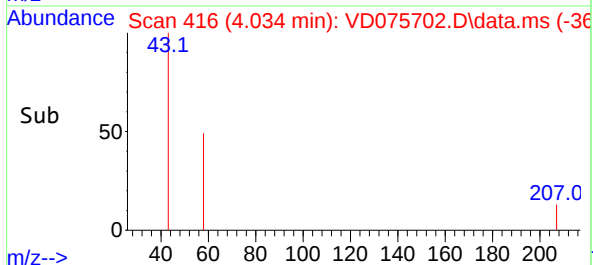
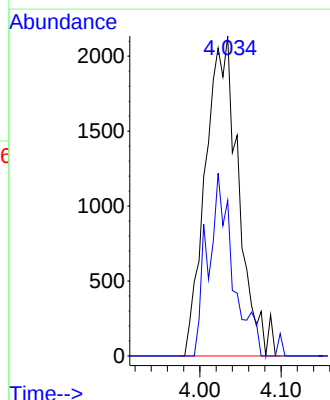
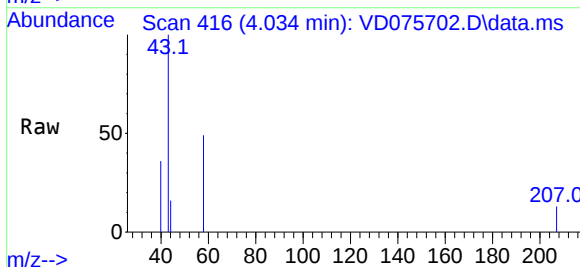
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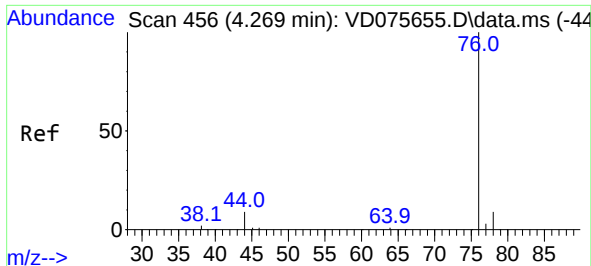
Tgt Ion: 43 Resp: 6034

Ion Ratio Lower Upper

43 100

58 48.6 24.4 36.6#

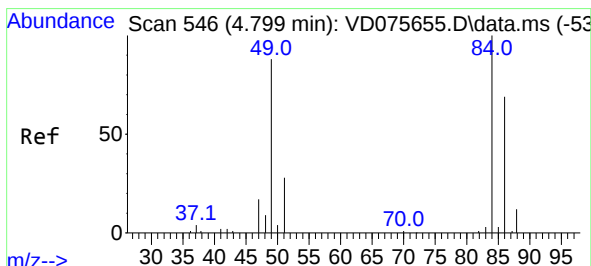
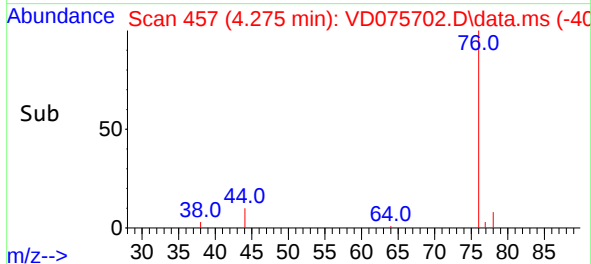
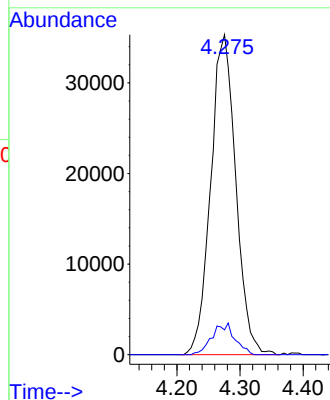
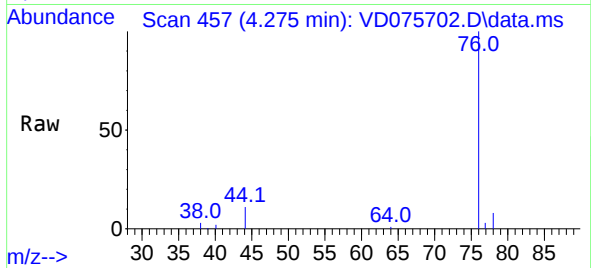




#17
Carbon Disulfide
Concen: 12.443 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

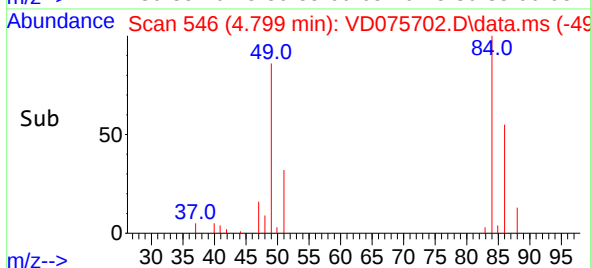
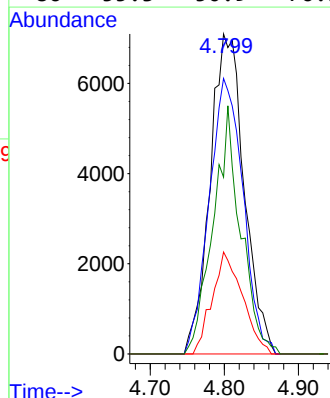
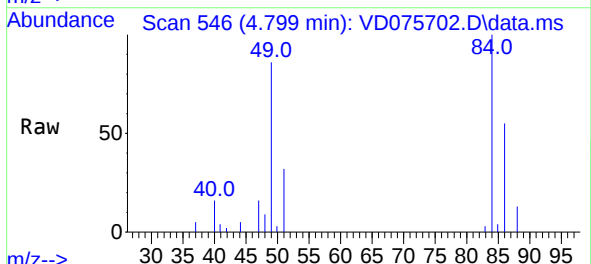
Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

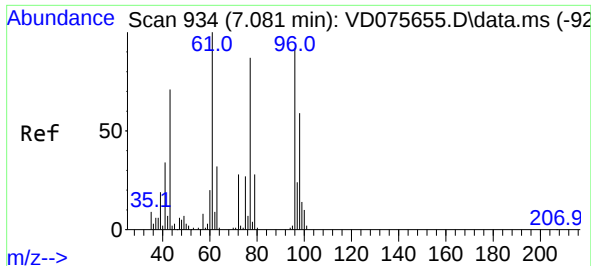
Tgt Ion: 76 Resp: 97439
Ion Ratio Lower Upper
76 100
78 7.8 8.0 12.0#



#20
Methylene Chloride
Concen: 3.592 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion: 84 Resp: 22629
Ion Ratio Lower Upper
84 100
49 86.1 106.4 159.6#
51 31.9 32.4 48.6#
86 55.3 50.9 76.3

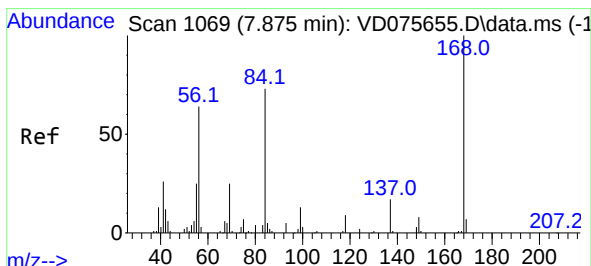
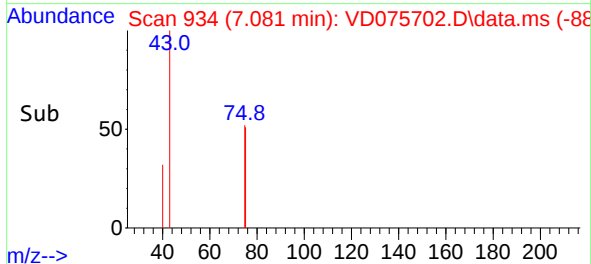
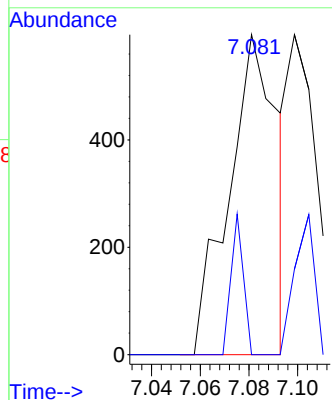
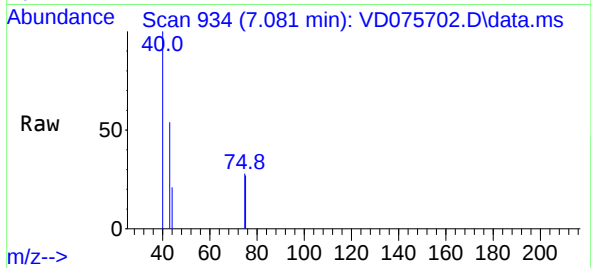




#25
2-Butanone
Concen: 1.723 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

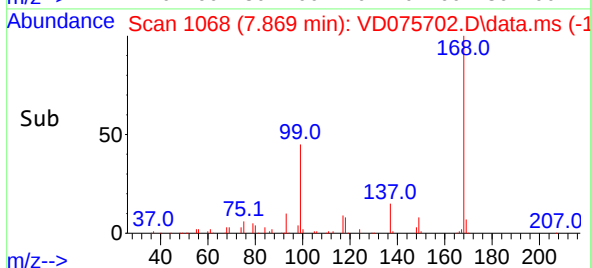
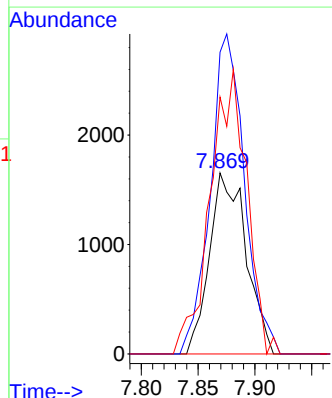
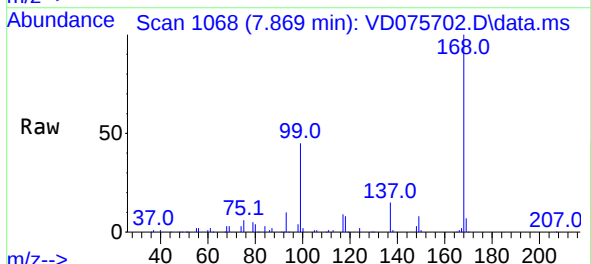
Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

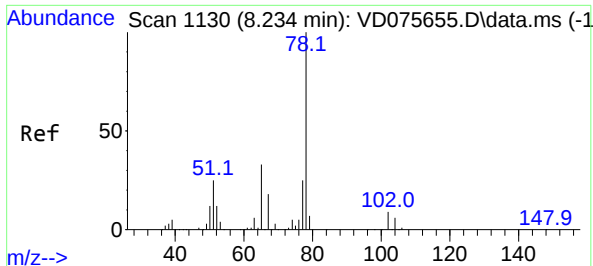
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion: 56 Resp: 3707
Ion Ratio Lower Upper
56 100
69 166.8 25.5 38.3#
84 142.0 69.6 104.4#

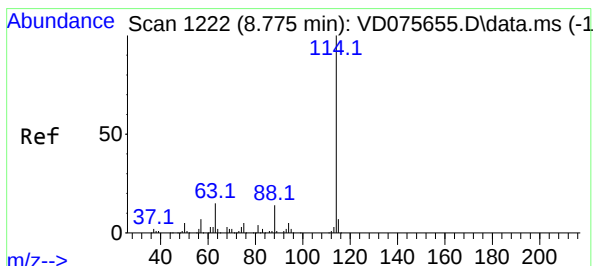
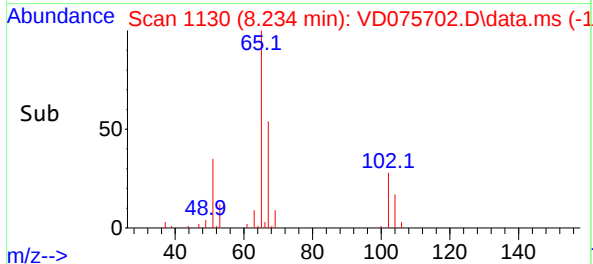
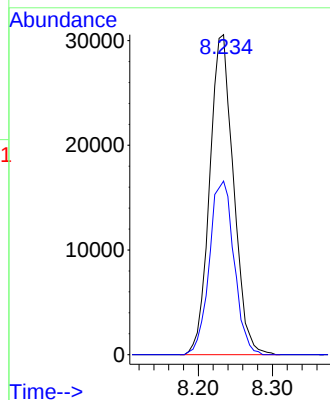
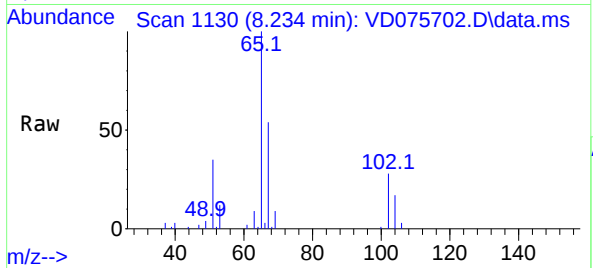




#33
1,2-Dichloroethane-d4
Concen: 33.599 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

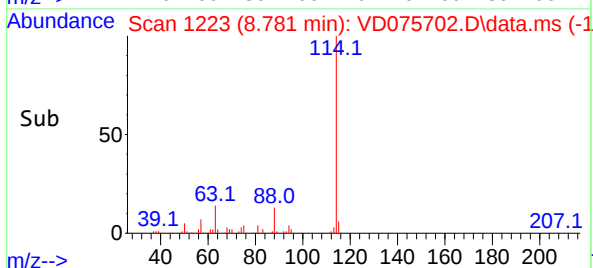
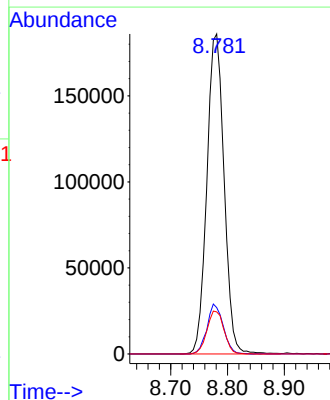
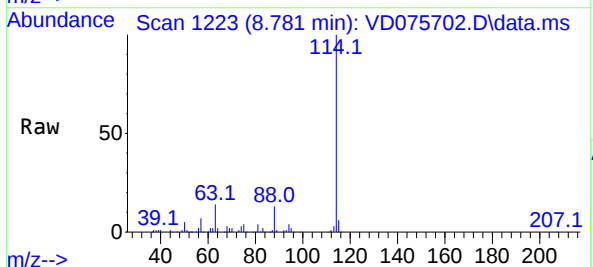
Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

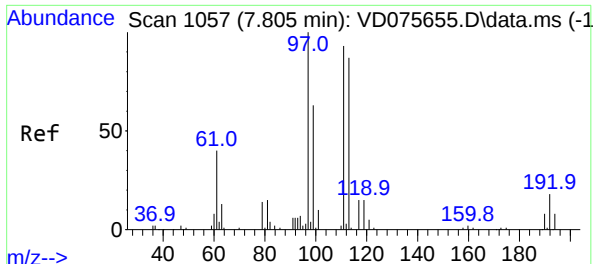
Tgt Ion: 65 Resp: 68138
Ion Ratio Lower Upper
65 100
67 56.2 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion: 114 Resp: 390111
Ion Ratio Lower Upper
114 100
63 14.5 0.0 41.6
88 13.2 0.0 30.6

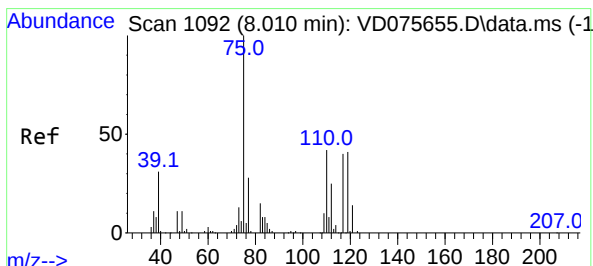
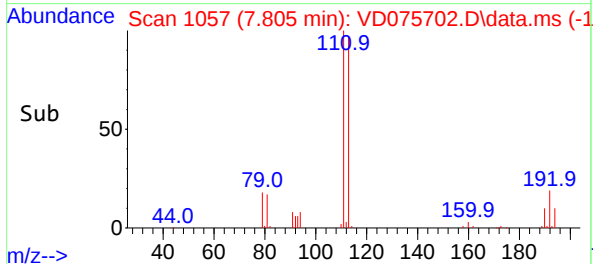
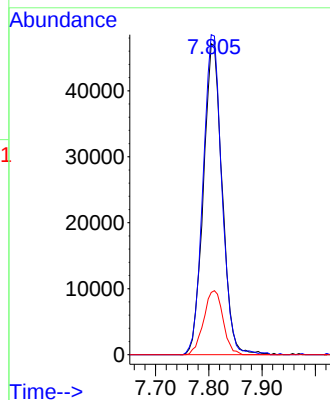
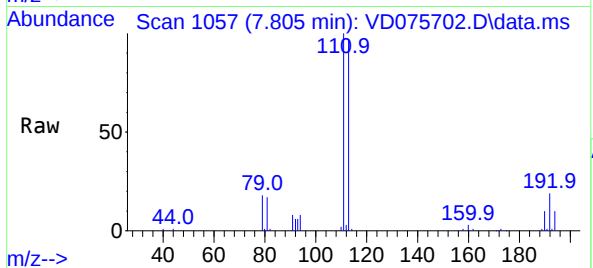




#35
Dibromofluoromethane
Concen: 43.947 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

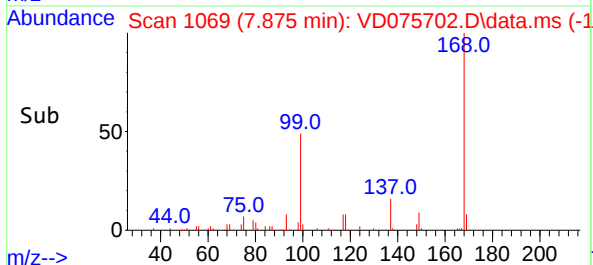
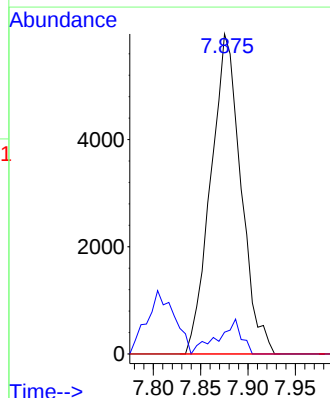
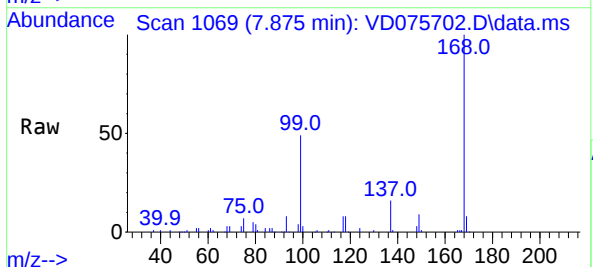
Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

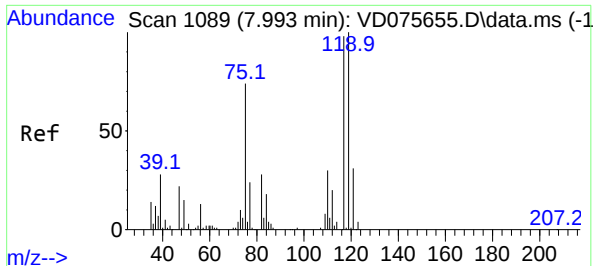
Tgt Ion: 113 Resp: 115311
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 21.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 3.659 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion: 75 Resp: 13244
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.6 36.8#

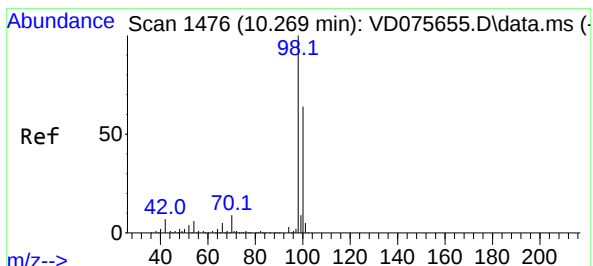
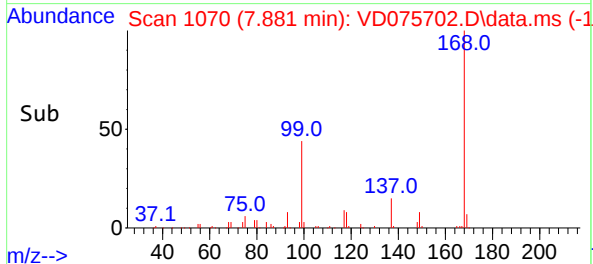
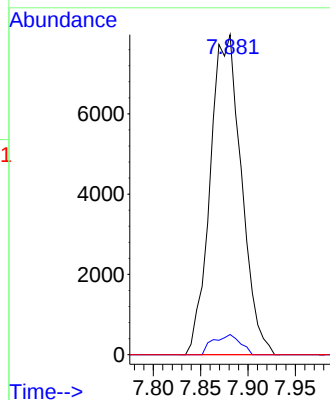
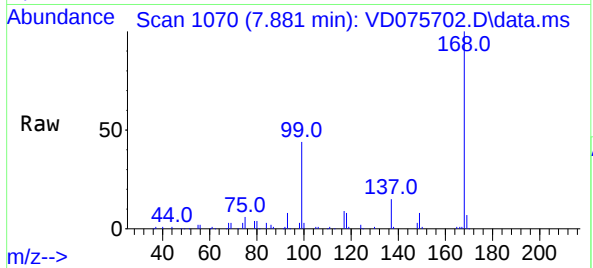




#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

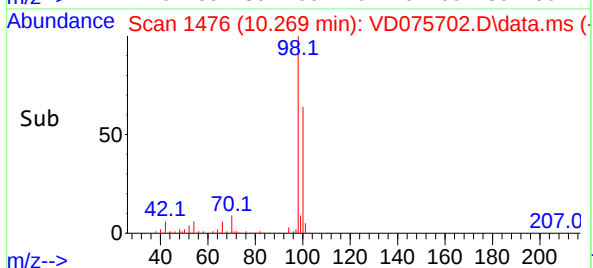
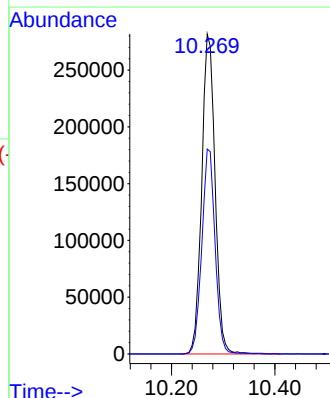
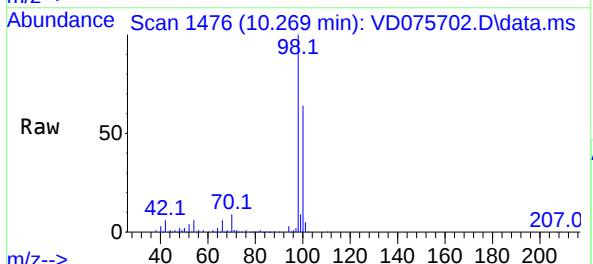
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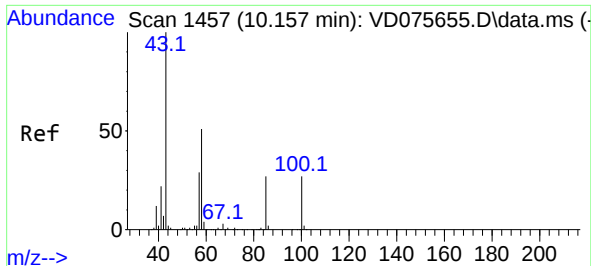
Tgt Ion:117 Resp: 18284
Ion Ratio Lower Upper
117 100
119 6.3 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 48.038 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion: 98 Resp: 504766
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.146 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD075702.D

Acq: 17 Apr 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :

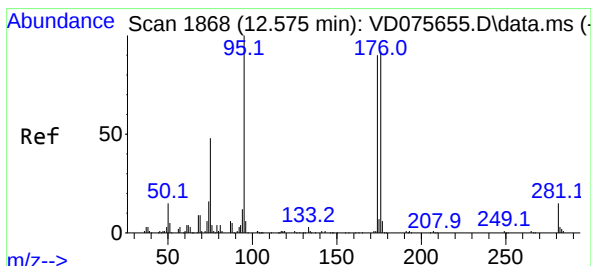
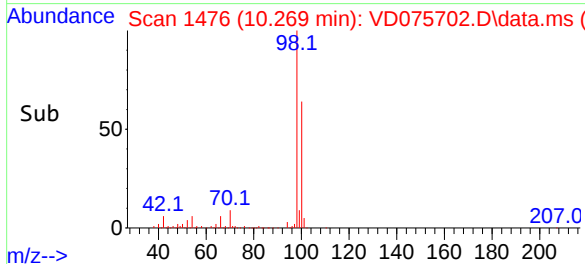
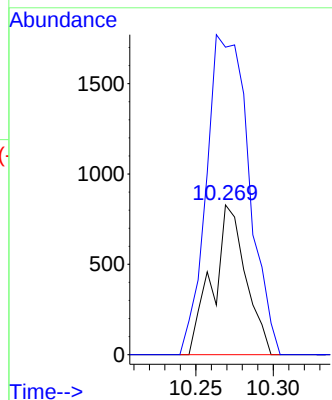
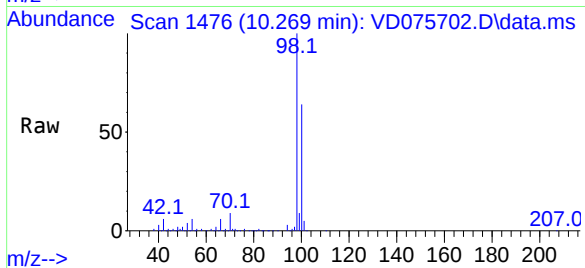
20230246-13-4

Tgt Ion: 43 Resp: 1227

Ion Ratio Lower Upper

43 100

58 275.0 29.5 44.3#



#62

4-Bromofluorobenzene

Concen: 67.870 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075702.D

Acq: 17 Apr 2023 15:40

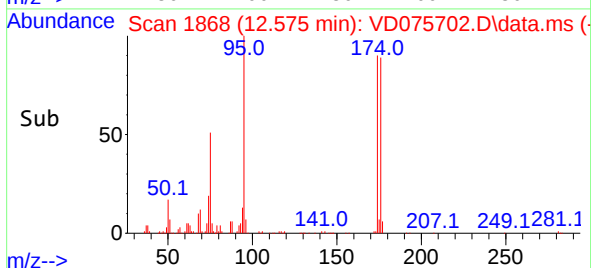
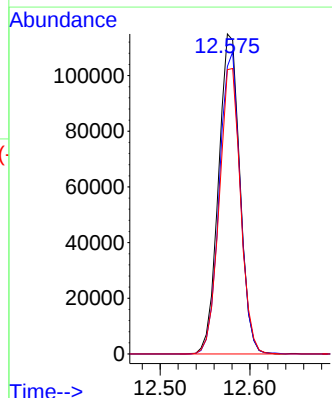
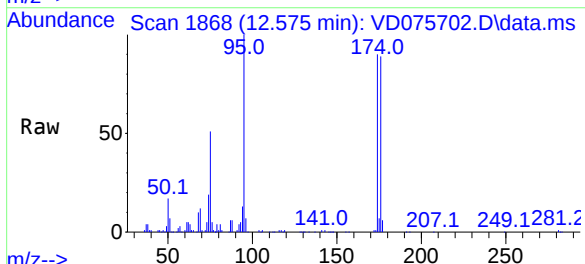
Tgt Ion: 95 Resp: 189554

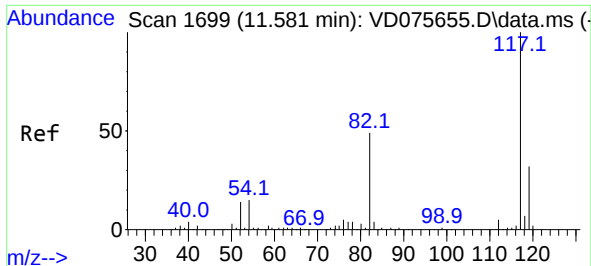
Ion Ratio Lower Upper

95 100

174 92.1 0.0 164.0

176 88.9 0.0 156.8

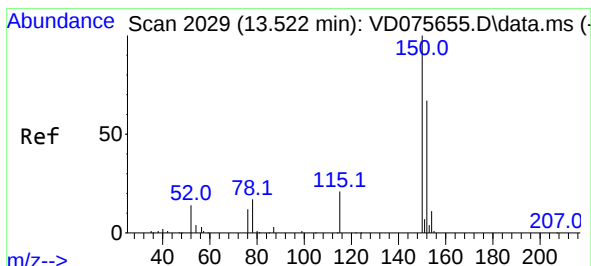
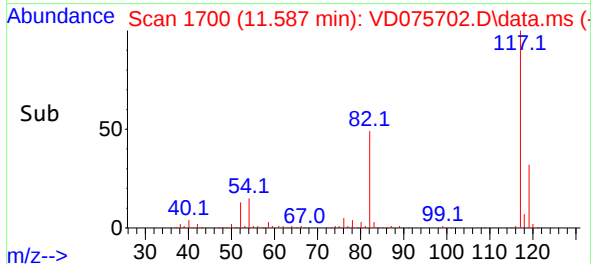
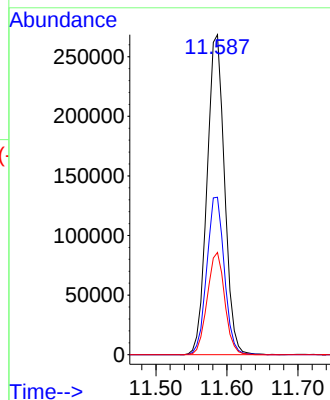
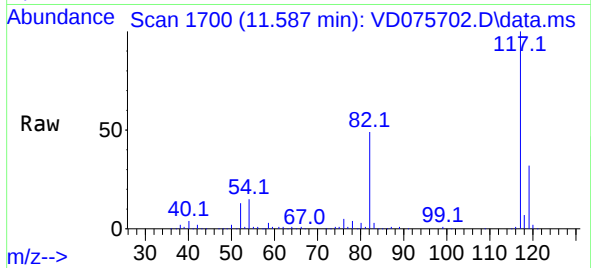




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

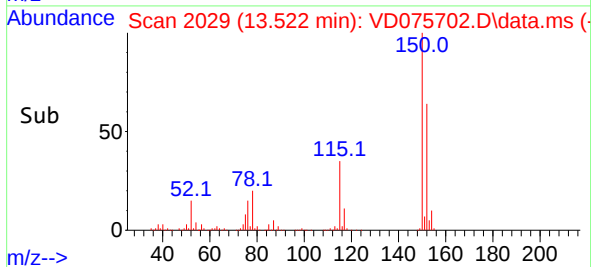
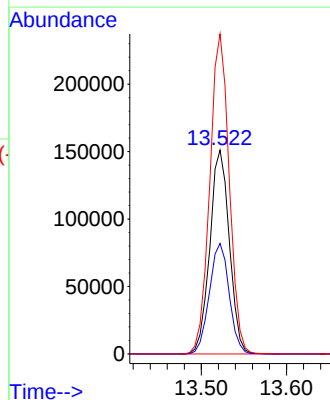
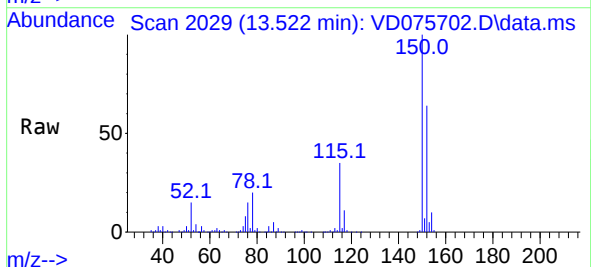
Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

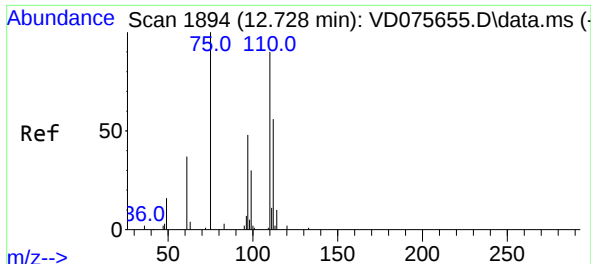
Tgt Ion:117 Resp: 460778
Ion Ratio Lower Upper
117 100
82 49.2 44.0 66.0
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion:152 Resp: 240528
Ion Ratio Lower Upper
152 100
115 55.0 30.1 90.3
150 155.9 0.0 364.8

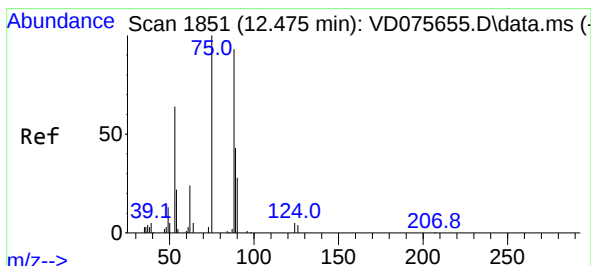
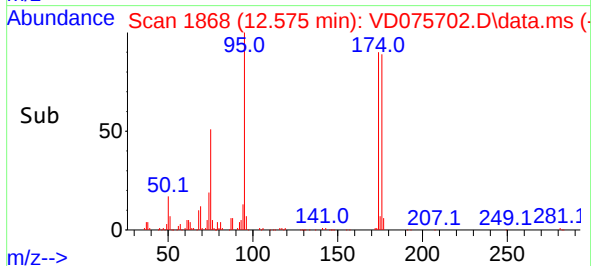
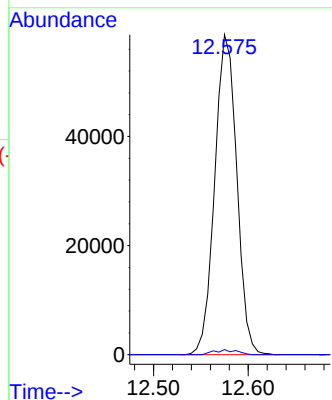
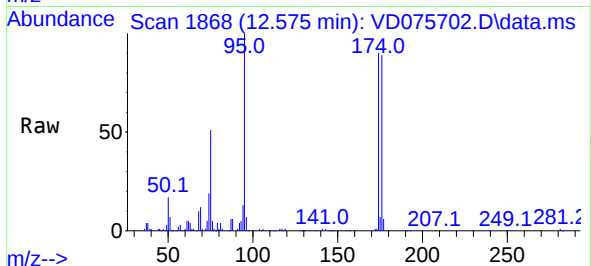




#76
1,2,3-Trichloropropane
Concen: 48.371 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

Tgt Ion: 75 Resp: 94879
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion: 75 Resp: 94879
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

