

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075642.D
 Acq On : 12 Apr 2023 16:17
 Operator : KP/SY
 Sample : 02260-15RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1ERE

Quant Time: Apr 13 07:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

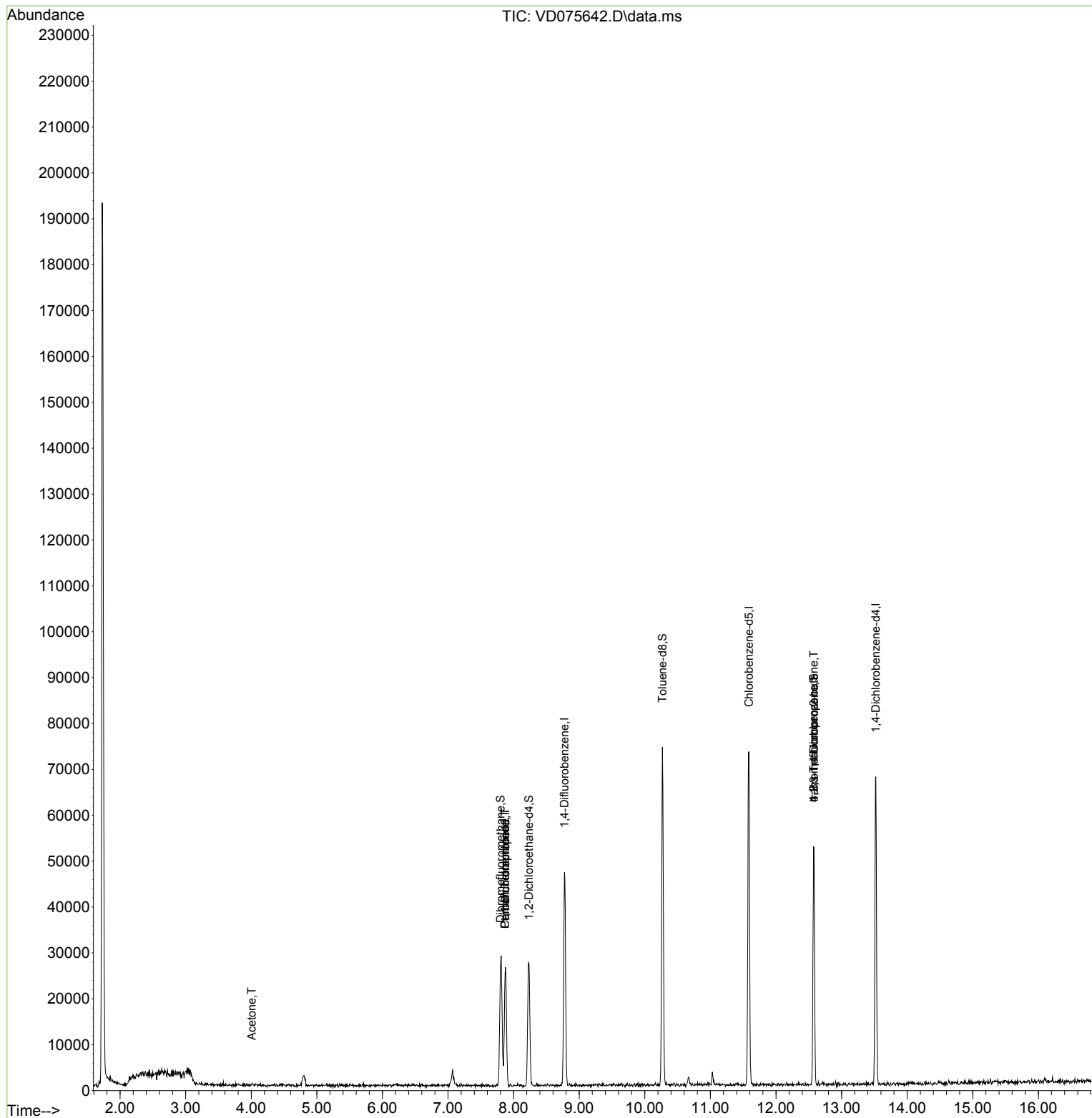
Internal Standards						
1) Pentafluorobenzene	7.869	168	22210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	47152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	48962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	20706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	21572	118.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 236.800%#	
35) Dibromofluoromethane	7.799	113	21808	78.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 157.840%#	
50) Toluene-d8	10.269	98	54644	50.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.575	95	16644	52.196	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.400%	
Target Compounds						
					Qvalue	
16) Acetone	4.005	43	289	8.705	ug/l #	44
20) Methylene Chloride	4.787	84	884	Below Cal	#	65
36) 1,1-Dichloropropene	7.875	75	1773	5.024	ug/l #	42
38) Carbon Tetrachloride	7.869	117	1796	5.307	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	8017	59.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	8017	113.386	ug/l #	5

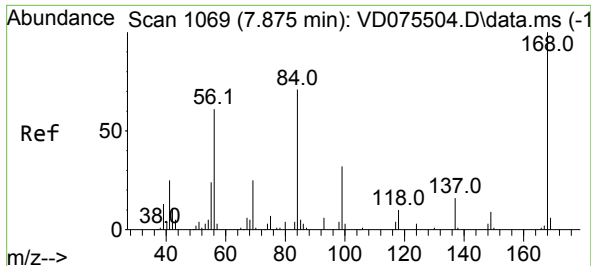
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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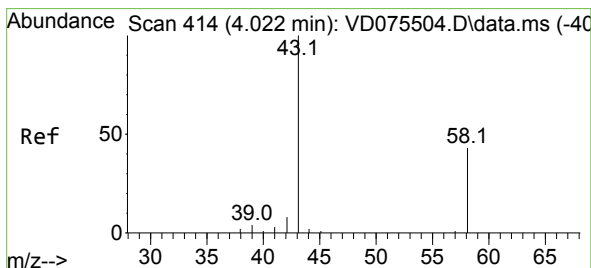
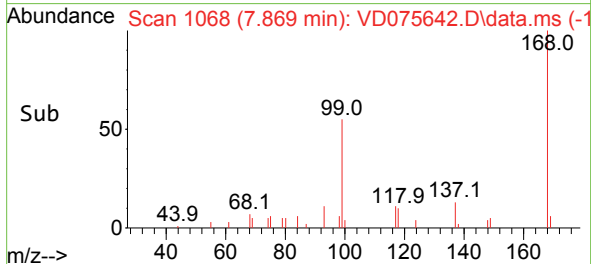
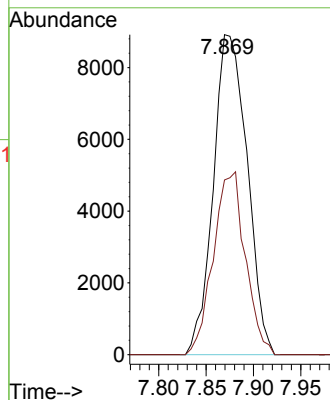
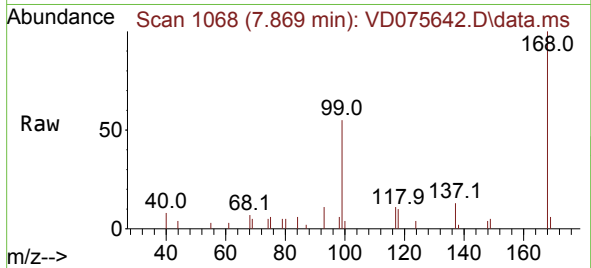




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

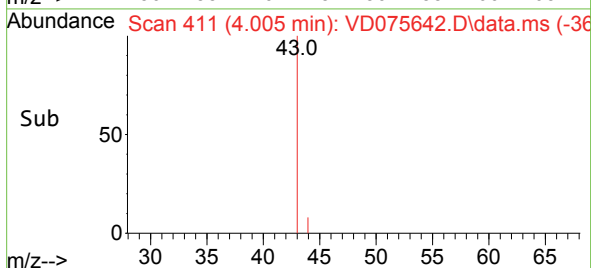
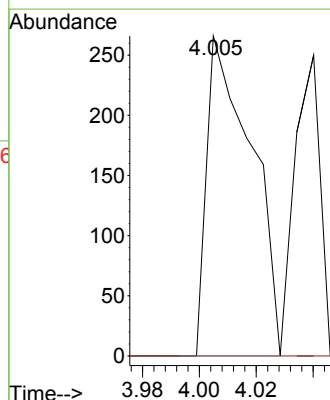
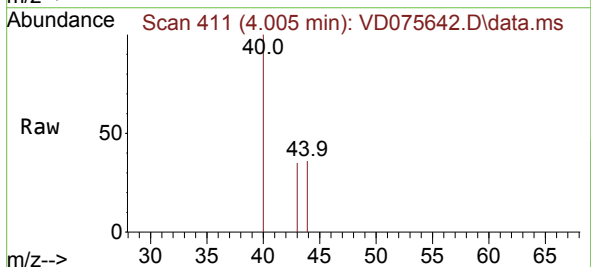
Instrument :
MSVOA_D
ClientSampleId :
SP-1ERE

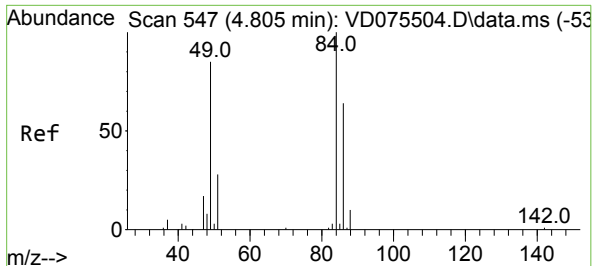
Tgt Ion:168 Resp: 22210
Ion Ratio Lower Upper
168 100
99 54.6 43.8 65.6



#16
Acetone
Concen: 8.705 ug/l
RT: 4.005 min Scan# 411
Delta R.T. -0.017 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

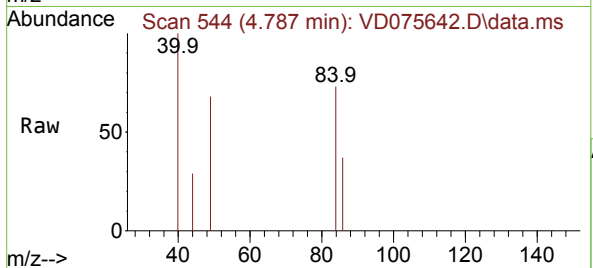
Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



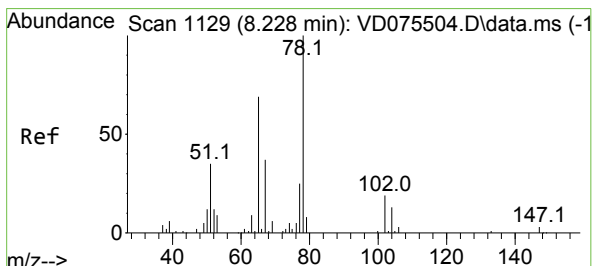
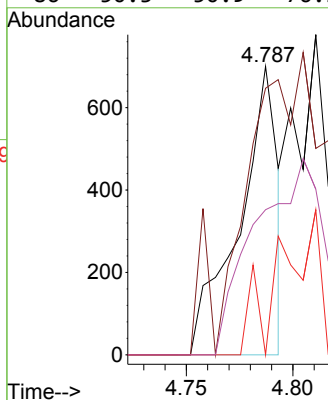
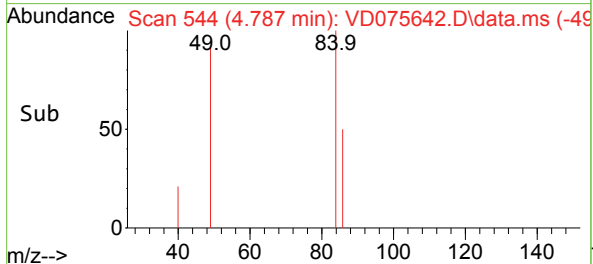


#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 547
Delta R.T. -0.018 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Instrument :
MSVOA_D
ClientSampleId :
SP-1ERE

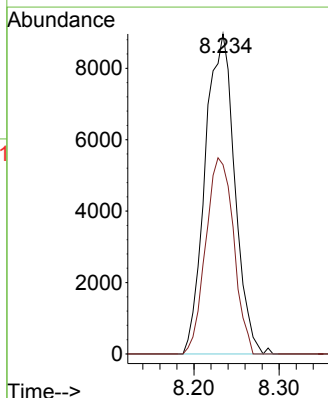
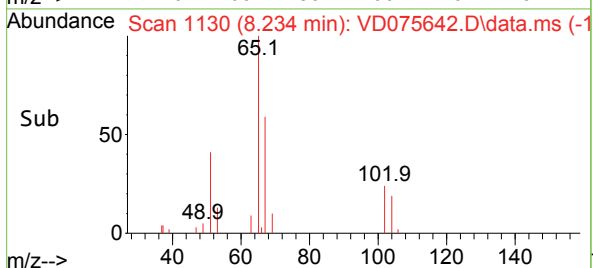
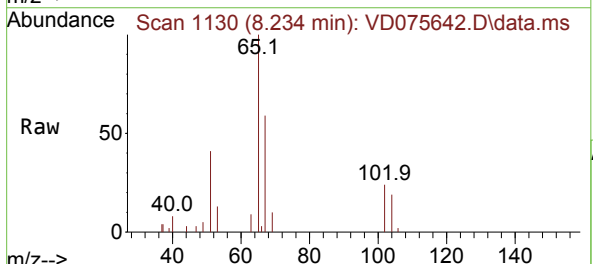


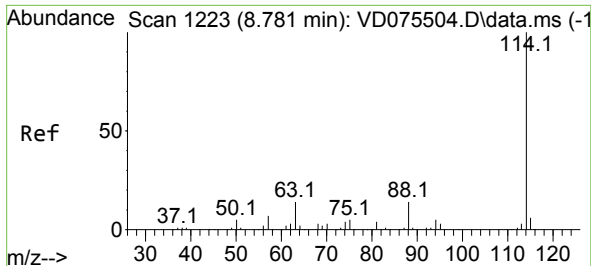
Tgt Ion: 84	Resp: 884
Ion Ratio	Lower Upper
84 100	
49 92.4	106.4 159.6#
51 0.0	32.4 48.6#
86 50.3	50.9 76.3#



#33
1,2-Dichloroethane-d4
Concen: 118.397 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Tgt Ion: 65	Resp: 21572
Ion Ratio	Lower Upper
65 100	
67 57.9	0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075642.D

Acq: 12 Apr 2023 16:17

Instrument :

MSVOA_D

ClientSampleId :

SP-1ERE

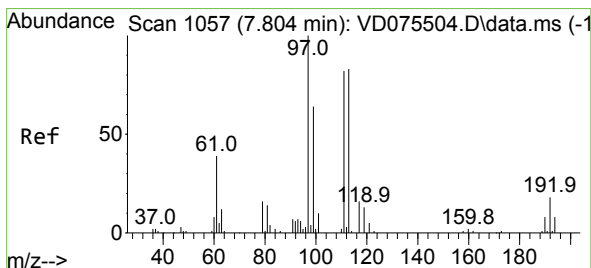
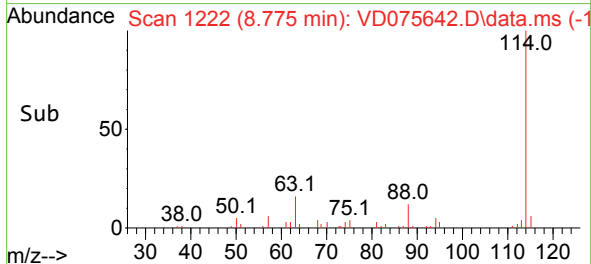
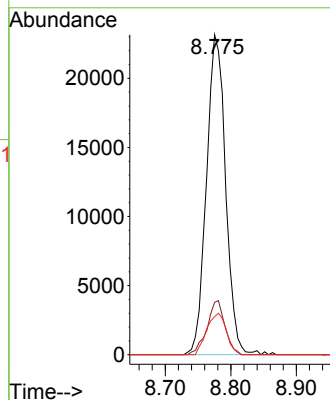
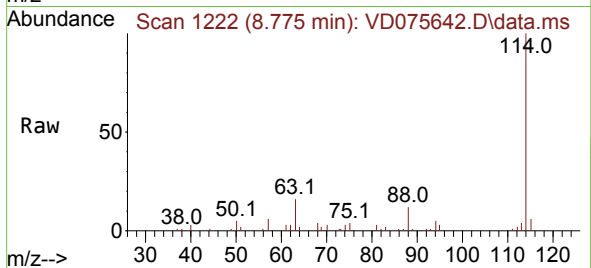
Tgt Ion:114 Resp: 47152

Ion Ratio Lower Upper

114 100

63 16.3 0.0 41.6

88 11.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 78.918 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD075642.D

Acq: 12 Apr 2023 16:17

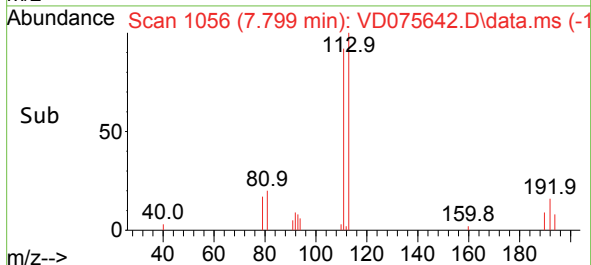
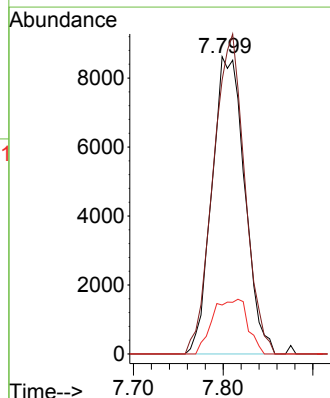
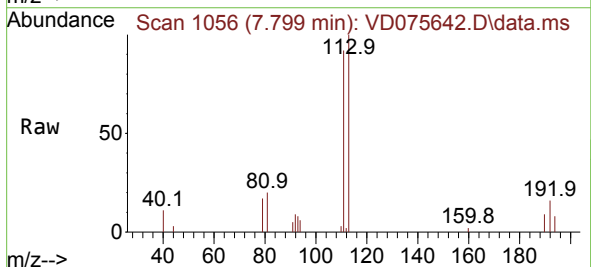
Tgt Ion:113 Resp: 21808

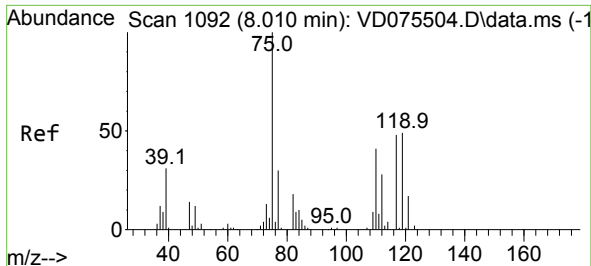
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 19.7 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.024 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD075642.D

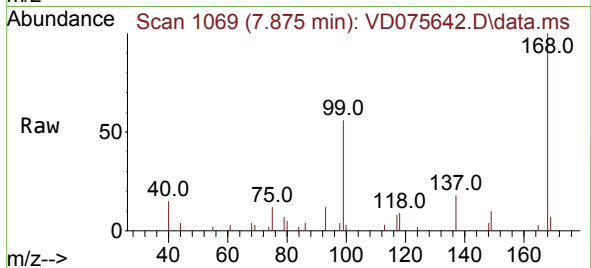
Acq: 12 Apr 2023 16:17

Instrument :

MSVOA_D

ClientSampleId :

SP-1ERE



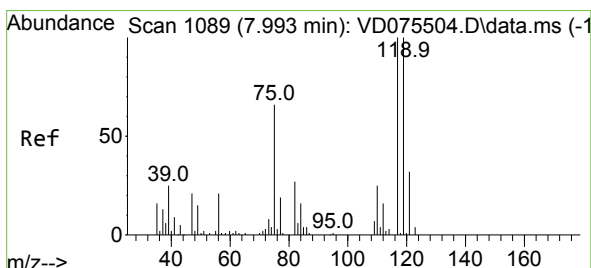
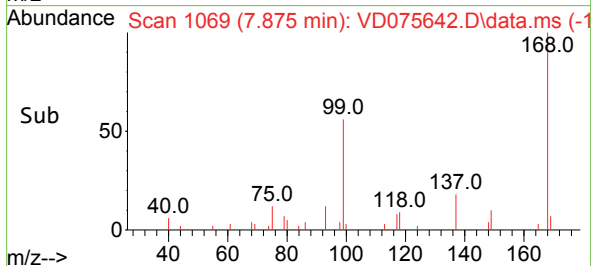
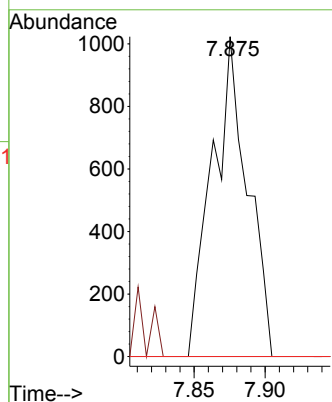
Tgt Ion: 75 Resp: 1773

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.307 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD075642.D

Acq: 12 Apr 2023 16:17

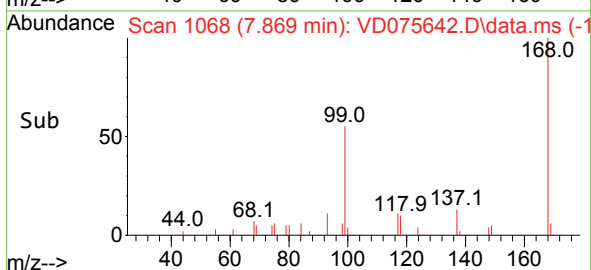
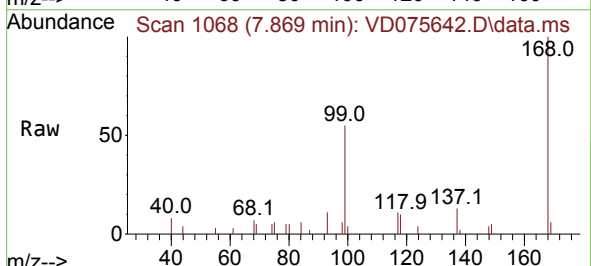
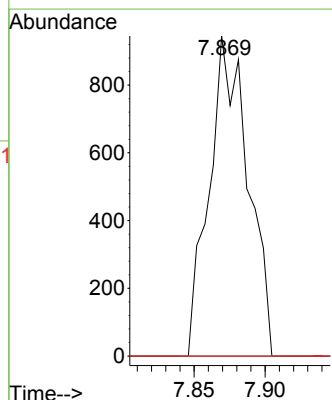
Tgt Ion: 117 Resp: 1796

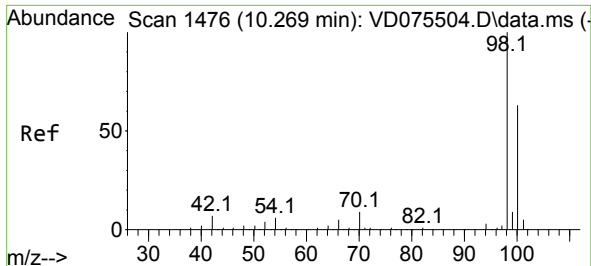
Ion Ratio Lower Upper

117 100

119 0.0 74.7 112.1#

121 0.0 25.9 38.9#

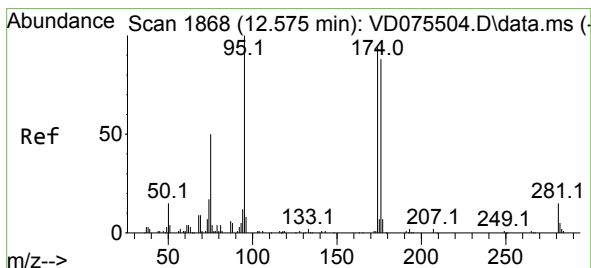
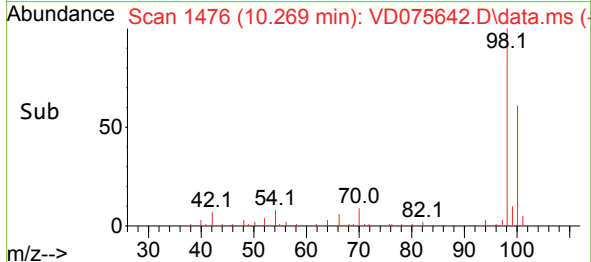
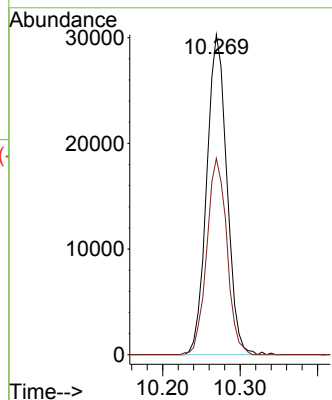
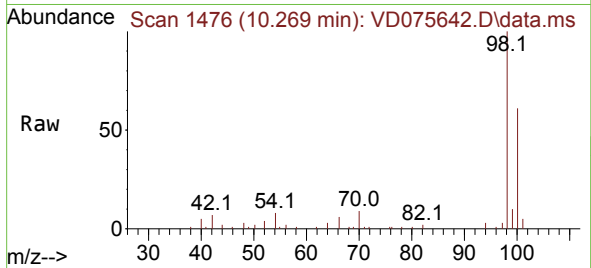




#50
Toluene-d8
Concen: 50.414 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

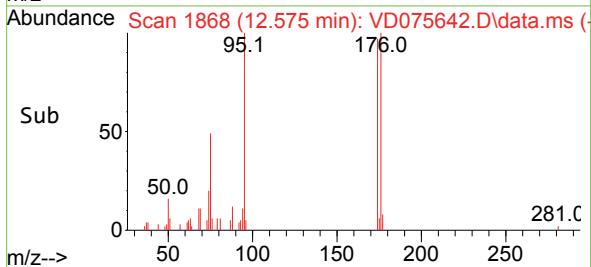
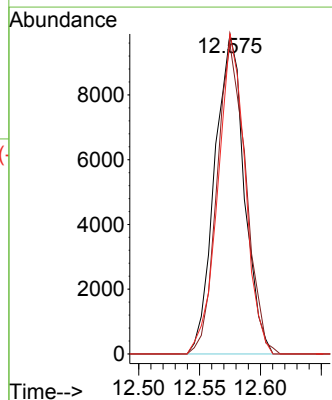
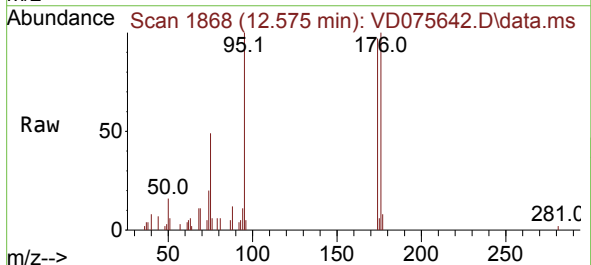
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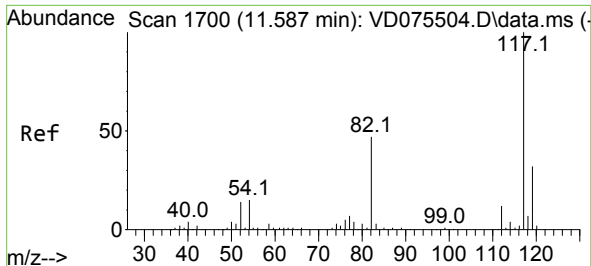
Tgt Ion: 98 Resp: 54644
Ion Ratio Lower Upper
98 100
100 61.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.196 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Tgt Ion: 95 Resp: 16644
Ion Ratio Lower Upper
95 100
174 94.7 0.0 164.0
176 91.9 0.0 156.8

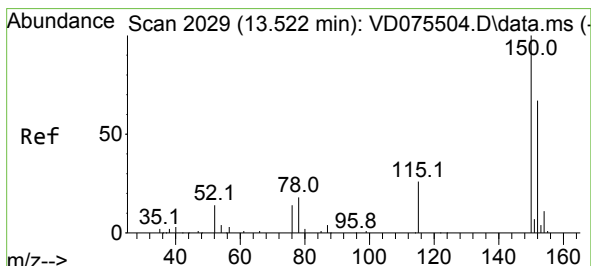
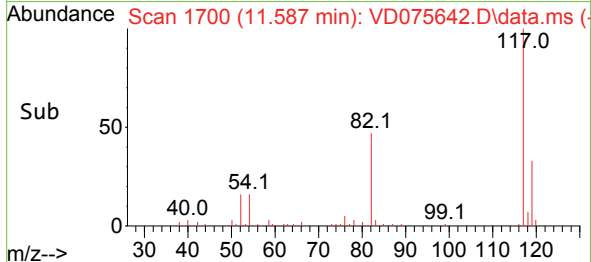
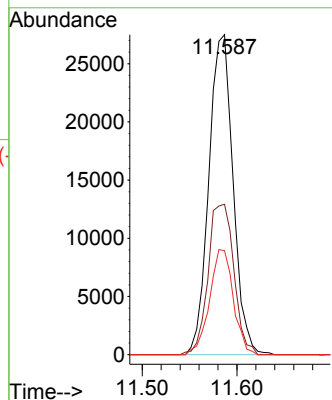
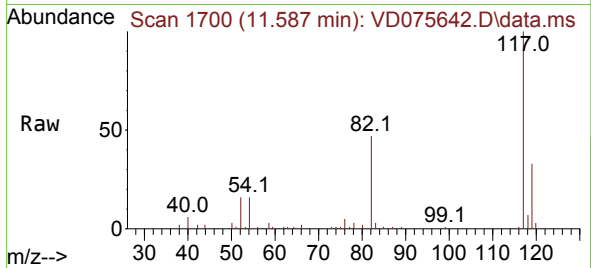




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

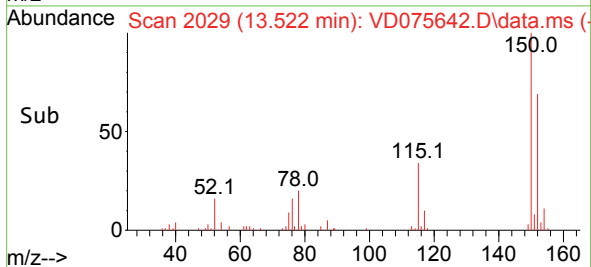
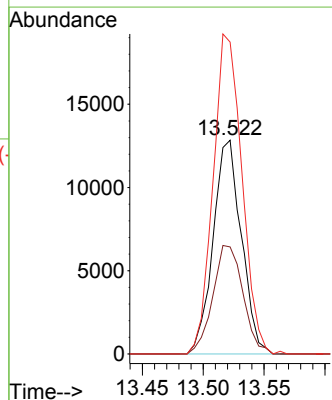
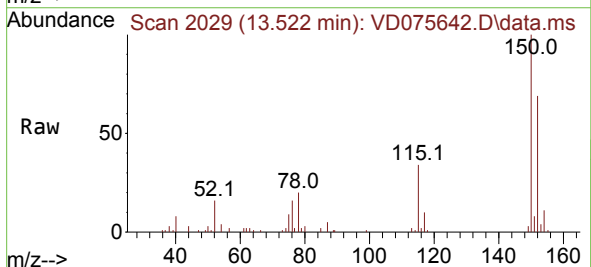
Instrument :
MSVOA_D
ClientSampleId :
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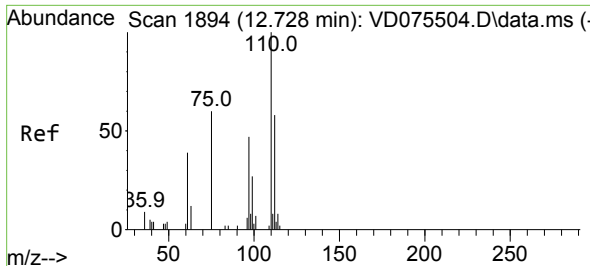
Tgt Ion:117 Resp: 48962
Ion Ratio Lower Upper
117 100
82 47.0 44.0 66.0
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Tgt Ion:152 Resp: 20706
Ion Ratio Lower Upper
152 100
115 54.1 30.1 90.3
150 152.8 0.0 364.8

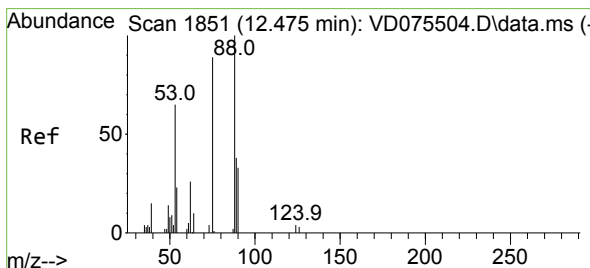
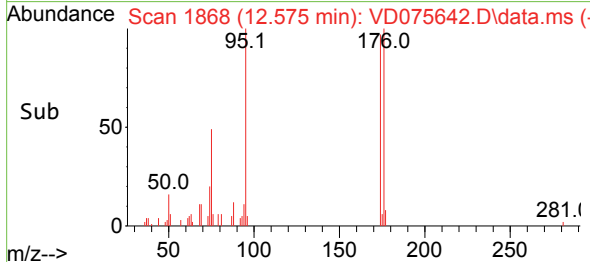
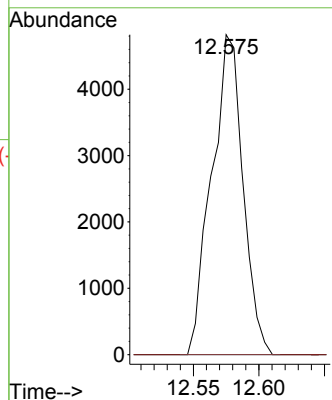
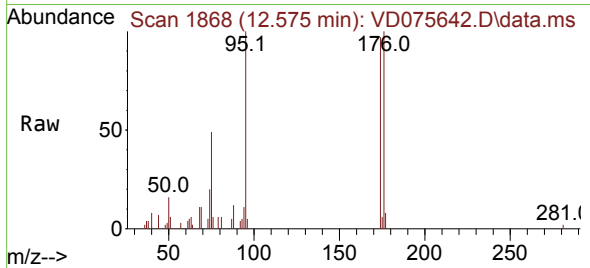




#76
1,2,3-Trichloropropane
Concen: 59.555 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Instrument :
MSVOA_D
ClientSampleId :
SP-1ERE

Tgt Ion: 75 Resp: 8017
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.386 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Tgt Ion: 75 Resp: 8017
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

