

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075346.D
 Acq On : 14 Feb 2023 16:34
 Operator : KP/SY
 Sample : 01555-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-2142023

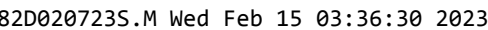
Quant Time: Feb 15 03:36:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

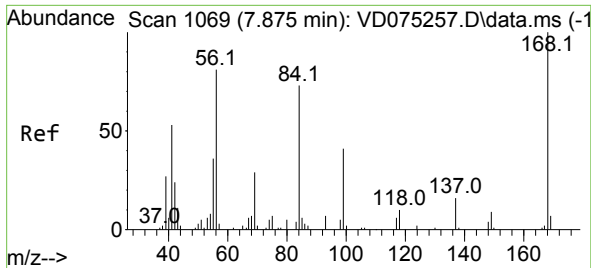
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	62841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	111198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	112704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	51444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31723	43.051	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.100%		
35) Dibromofluoromethane	7.805	113	33628	43.128	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.260%		
50) Toluene-d8	10.269	98	139170	47.065	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.140%		
62) 4-Bromofluorobenzene	12.575	95	46185	47.368	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.740%		
Target Compounds						
3) Chloromethane	2.146	50	71	Below Cal	#	41
31) Cyclohexane	7.869	56	1643	1.256	ug/l #	41
36) 1,1-Dichloropropene	7.875	75	5464	4.499	ug/l #	47
38) Carbon Tetrachloride	7.875	117	6452	5.733	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	25384	43.441	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	25384	137.197	ug/l #	14

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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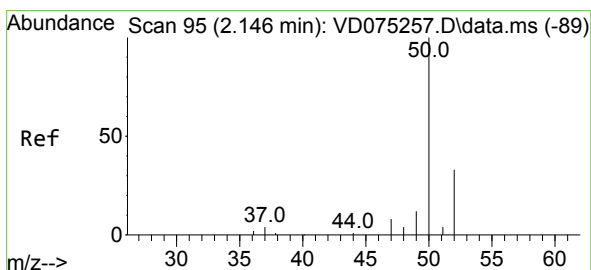
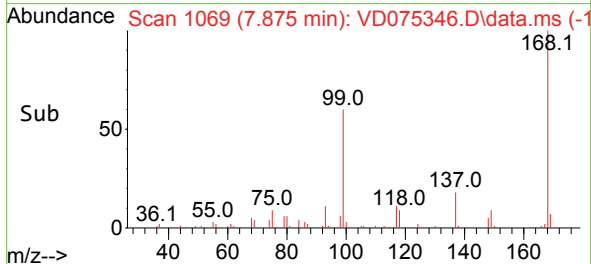
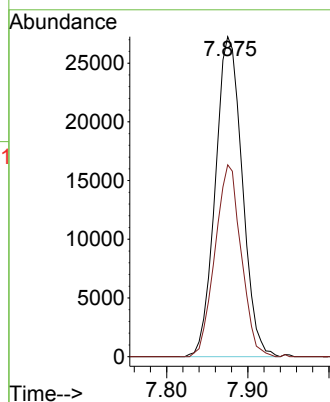
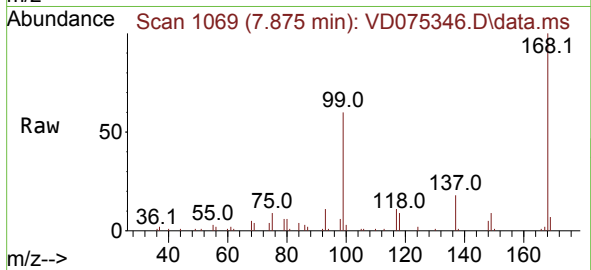




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

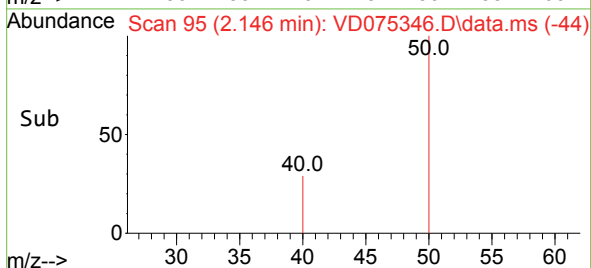
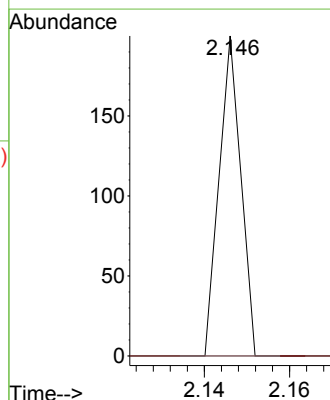
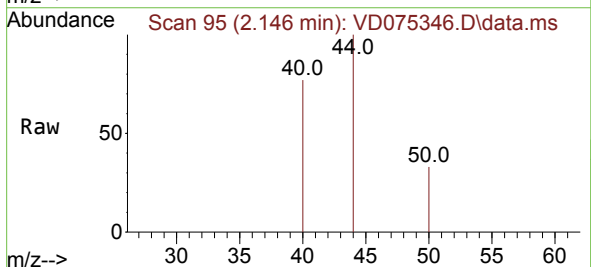
Instrument :
MSVOA_D
ClientSampleId :
OR-3-2142023

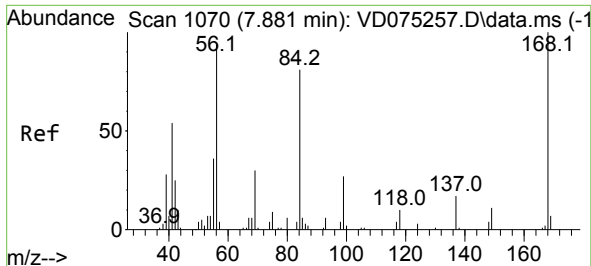
Tgt Ion:168 Resp: 62841
Ion Ratio Lower Upper
168 100
99 59.9 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Tgt Ion: 50 Resp: 71
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

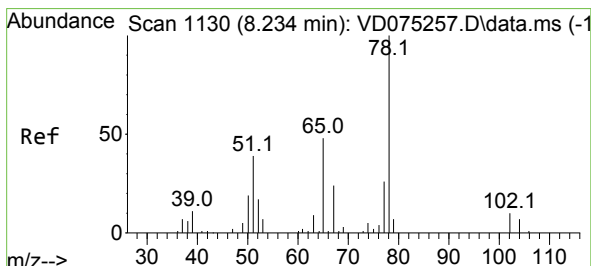
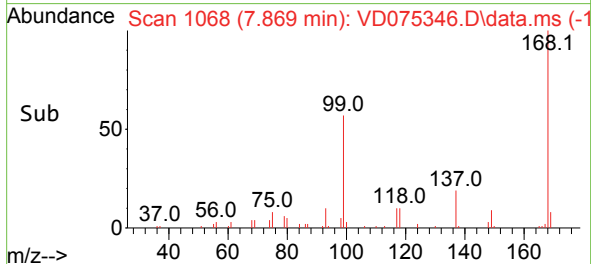
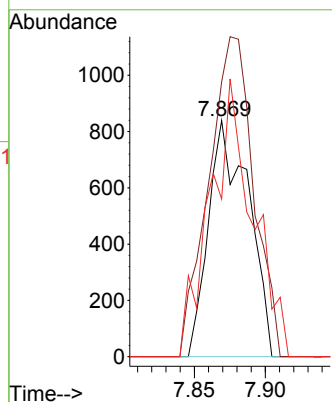
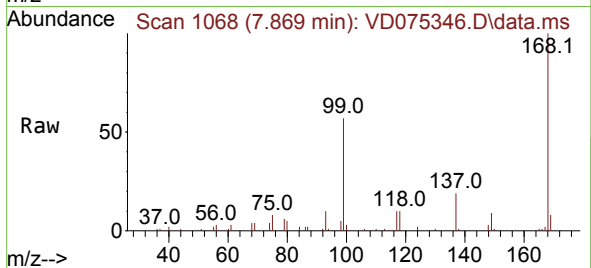




#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

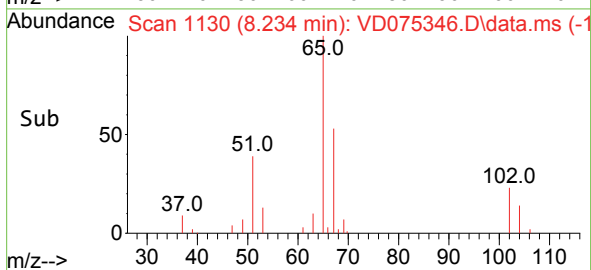
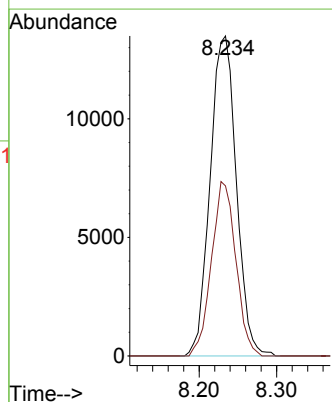
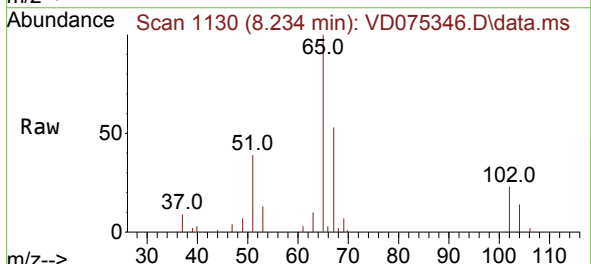
Instrument :
MSVOA_D
ClientSampleId :
OR-3-2142023

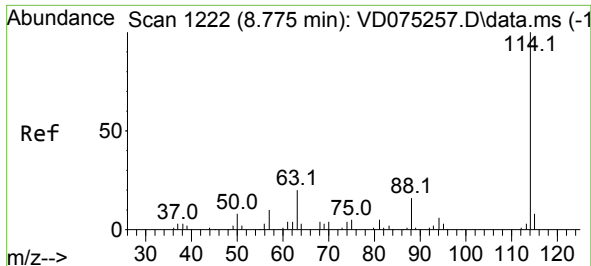
Tgt Ion: 56 Resp: 1643
Ion Ratio Lower Upper
56 100
69 116.4 26.6 40.0#
84 66.7 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 43.051 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Tgt Ion: 65 Resp: 31723
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.2

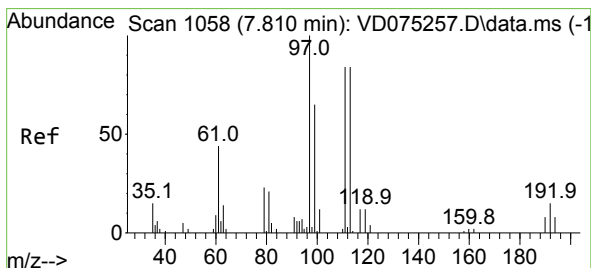
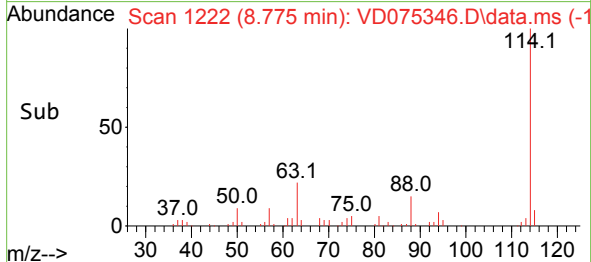
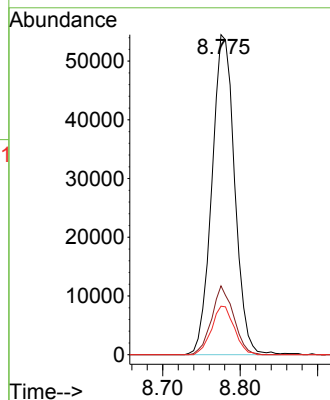
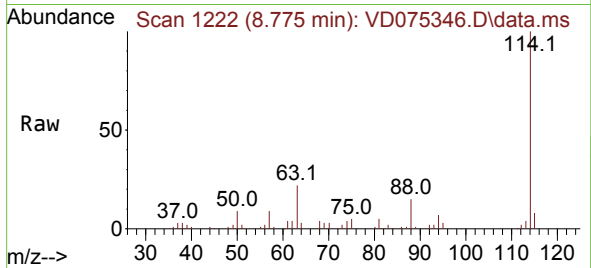




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 111198
Delta R.T. 0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

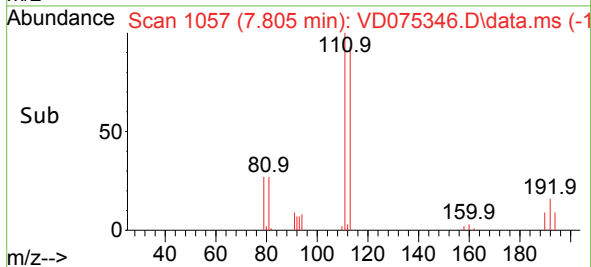
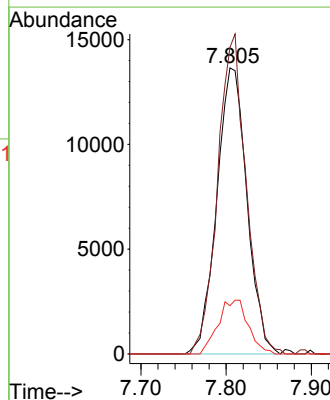
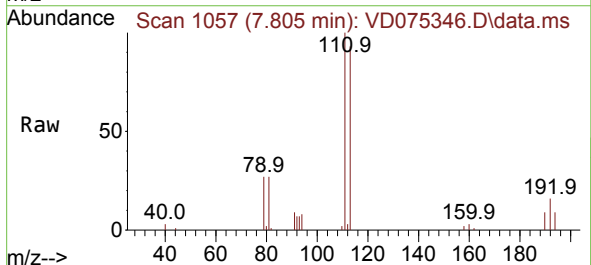
Instrument :
MSVOA_D
ClientSampleId :
OR-3-2142023

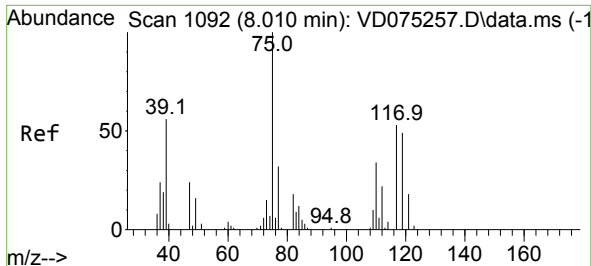
Tgt Ion:114 Resp: 111198
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.2
88 15.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 43.128 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Tgt Ion:113 Resp: 33628
Ion Ratio Lower Upper
113 100
111 105.3 80.1 120.1
192 18.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.499 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075346.D

Acq: 14 Feb 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

OR-3-2142023

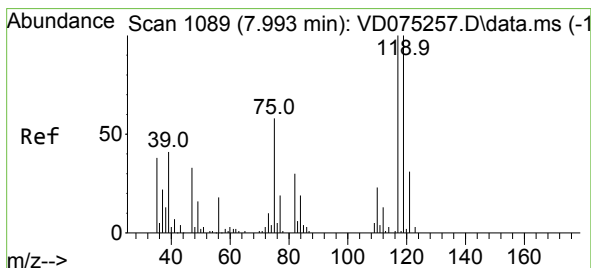
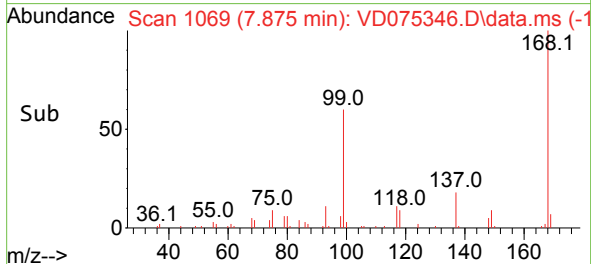
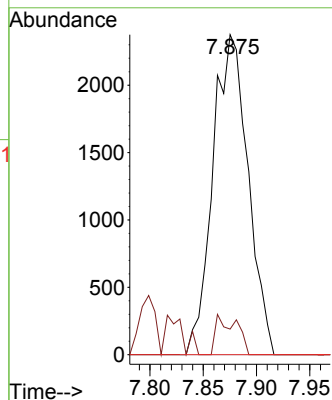
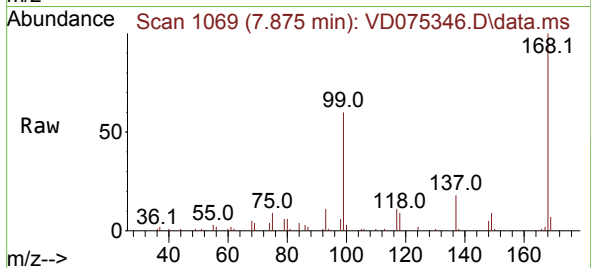
Tgt Ion: 75 Resp: 5464

Ion Ratio Lower Upper

75 100

110 7.2 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.733 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075346.D

Acq: 14 Feb 2023 16:34

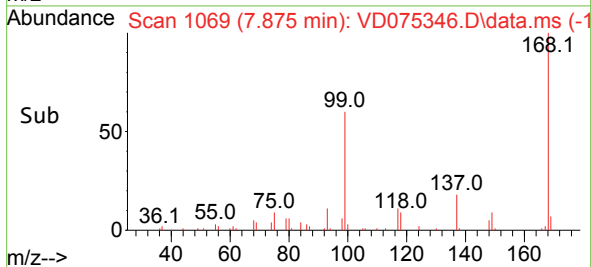
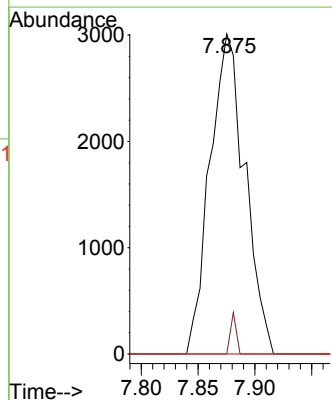
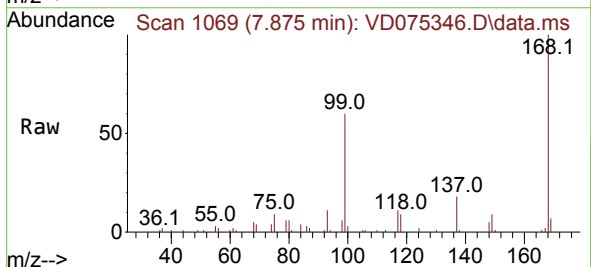
Tgt Ion: 117 Resp: 6452

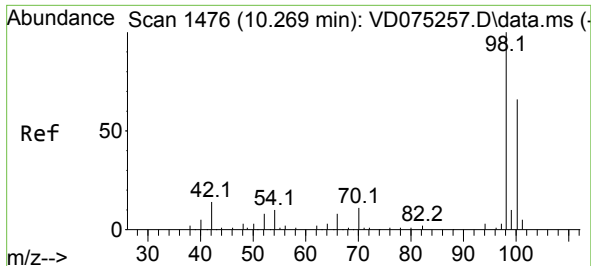
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

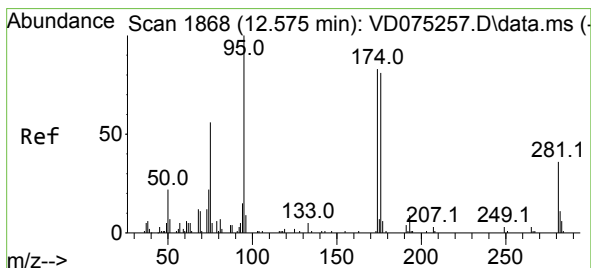
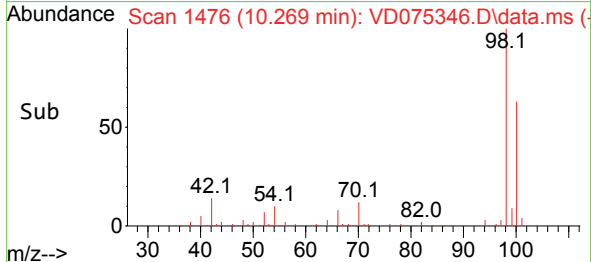
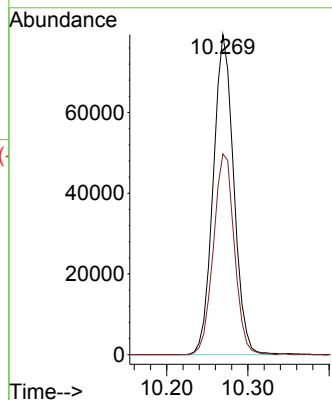
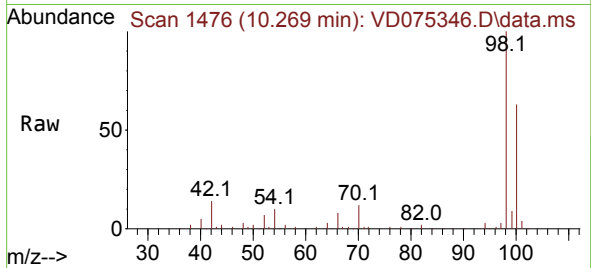




#50
Toluene-d8
Concen: 47.065 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

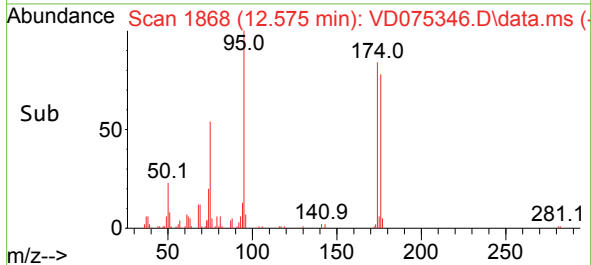
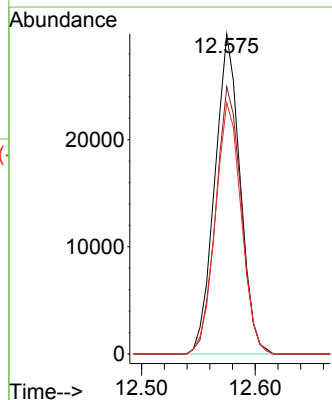
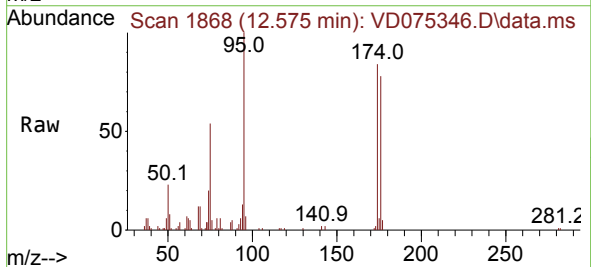
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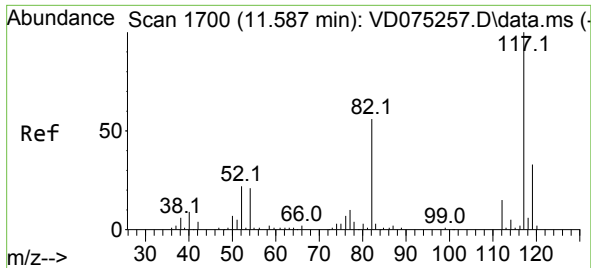
Tgt Ion: 98 Resp: 139170
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Tgt Ion: 95 Resp: 46185
Ion Ratio Lower Upper
95 100
174 84.5 0.0 161.2
176 80.7 0.0 160.2

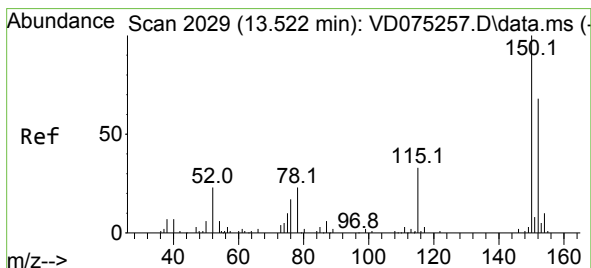
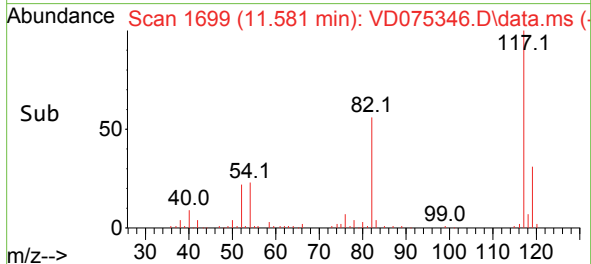
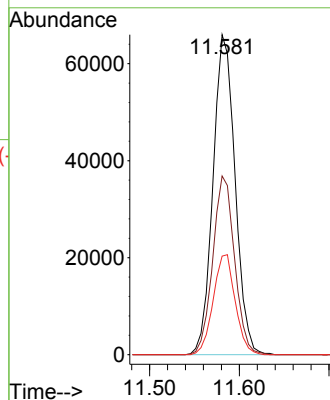
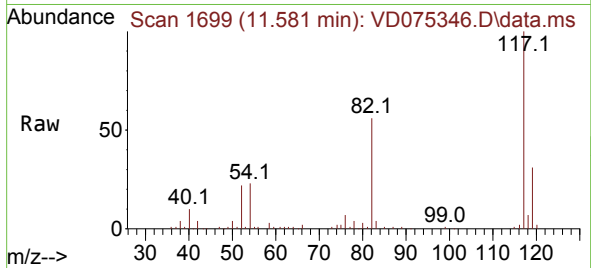




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

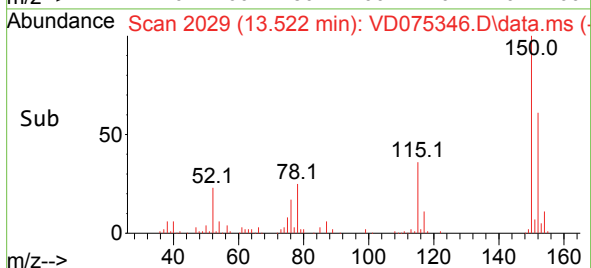
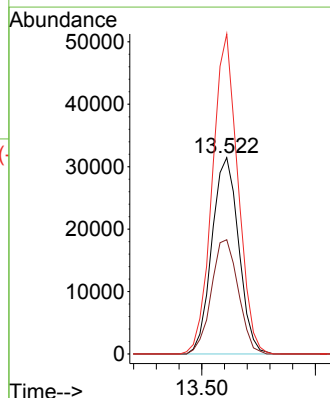
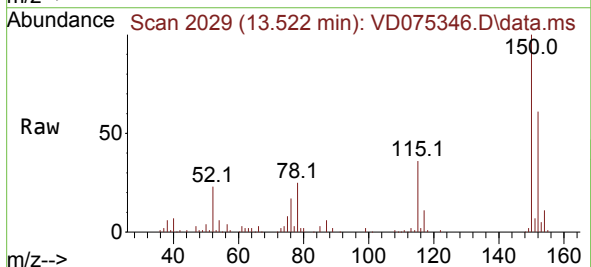
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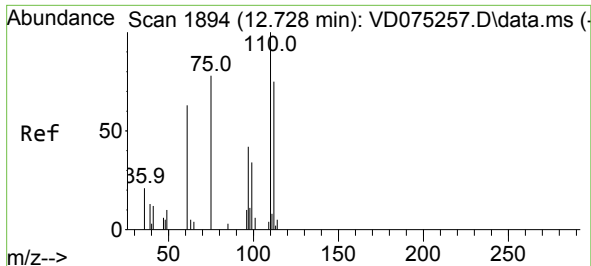
Tgt Ion:117 Resp: 112704
Ion Ratio Lower Upper
117 100
82 55.9 39.6 59.4
119 30.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Tgt Ion:152 Resp: 51444
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.4
150 155.3 0.0 348.6

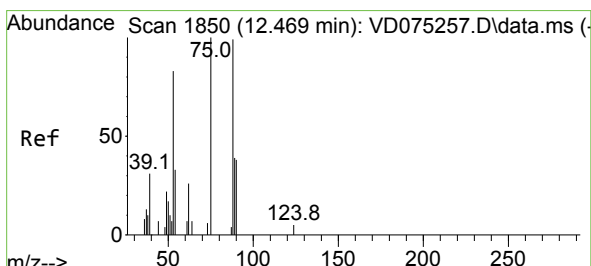
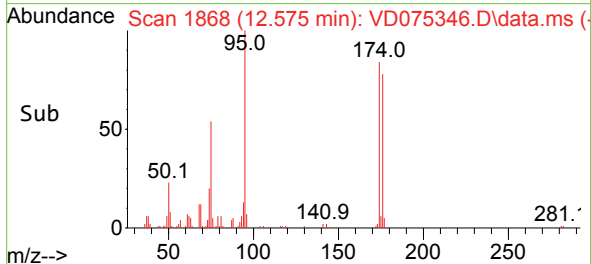
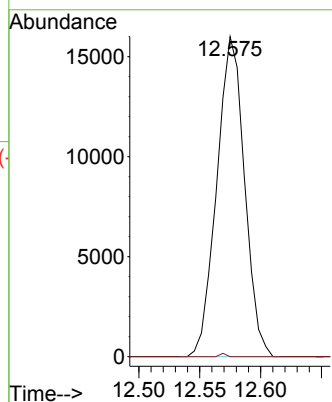
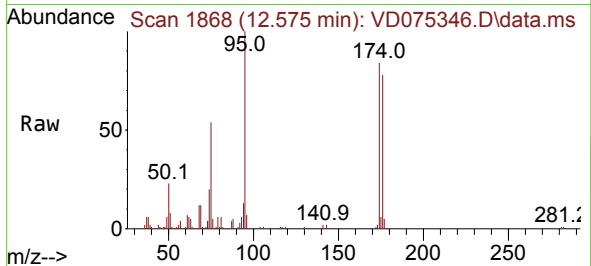




#76
1,2,3-Trichloropropane
Concen: 43.441 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
OR-3-2142023

Tgt Ion: 75 Resp: 25384
Ion Ratio Lower Upper
75 100
77 0.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.197 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075346.D
Acq: 14 Feb 2023 16:34

Tgt Ion: 75 Resp: 25384
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

