

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075330.D
 Acq On : 13 Feb 2023 16:28
 Operator : KP/SY
 Sample : 01529-07RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0

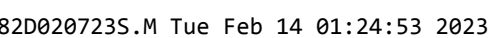
Quant Time: Feb 14 01:24:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

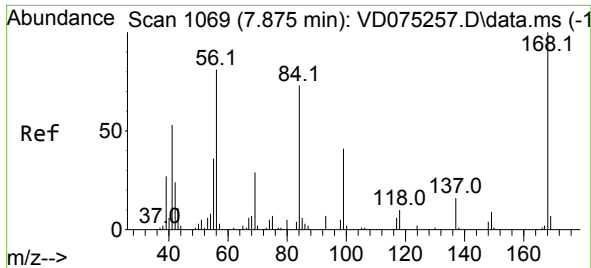
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	57190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	103091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	89591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	28402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	28288	42.183	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.360%		
35) Dibromofluoromethane	7.805	113	32854	45.449	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.900%		
50) Toluene-d8	10.269	98	124096	45.268	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.540%		
62) 4-Bromofluorobenzene	12.581	95	33125	36.645	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	73.300%		
Target Compounds					Qvalue	
16) Acetone	4.016	43	727	4.100	ug/l #	42
31) Cyclohexane	7.875	56	1381	1.160	ug/l #	43
36) 1,1-Dichloropropene	7.881	75	5219	4.635	ug/l #	43
38) Carbon Tetrachloride	7.875	117	6157	5.901	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	555	1.170	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	17537	54.360	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	17537	171.156	ug/l #	14

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

Quant Time: Feb 14 01:24:42 2023
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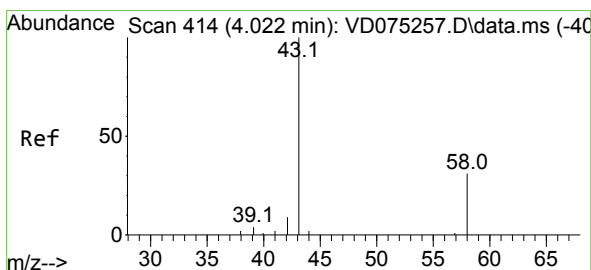
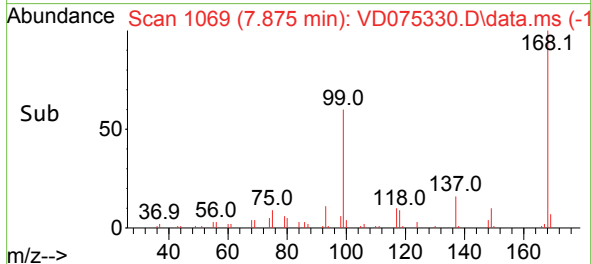
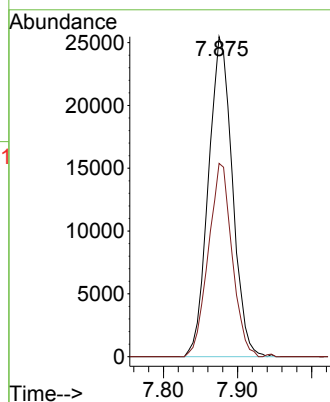
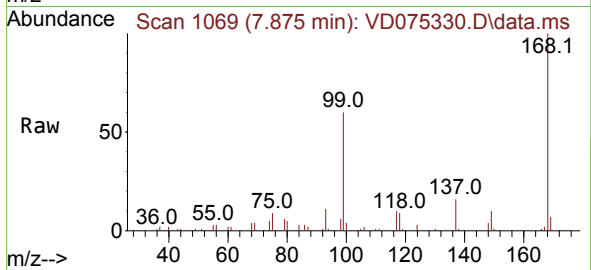




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

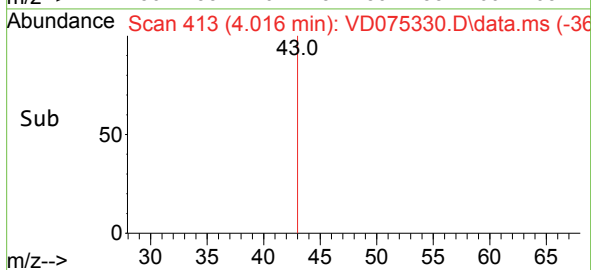
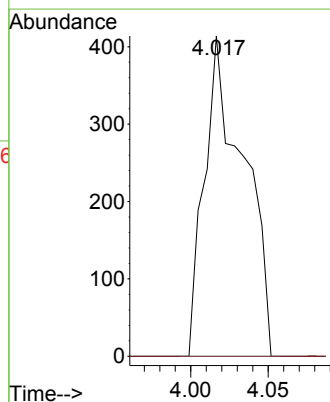
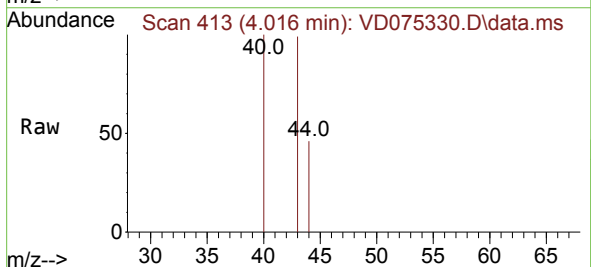
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

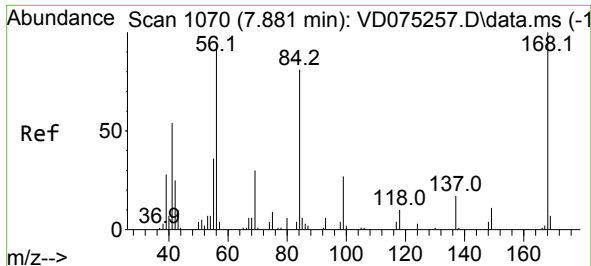
Tgt Ion:168 Resp: 57190
Ion Ratio Lower Upper
168 100
99 60.4 45.2 67.8



#16
Acetone
Concen: 4.100 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#31

Cyclohexane

Concen: 1.160 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075330.D

Acq: 13 Feb 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0

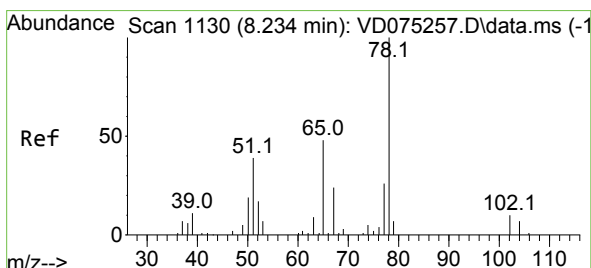
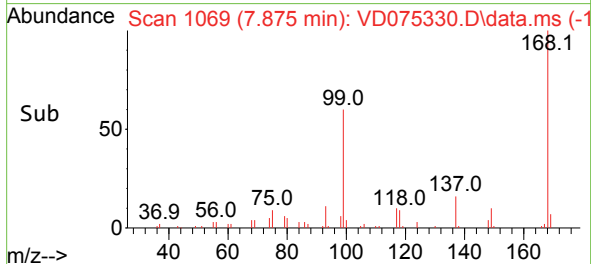
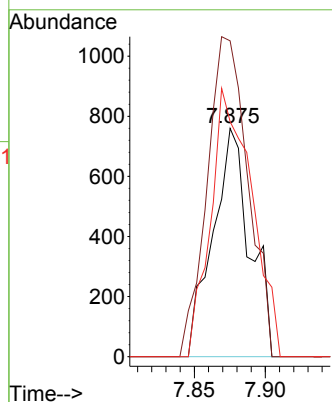
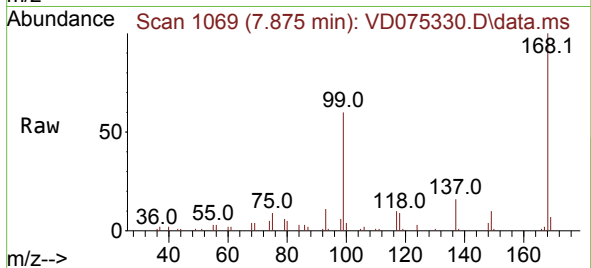
Tgt Ion: 56 Resp: 1381

Ion Ratio Lower Upper

56 100

69 138.3 26.6 40.0#

84 102.9 74.1 111.1



#33

1,2-Dichloroethane-d4

Concen: 42.183 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075330.D

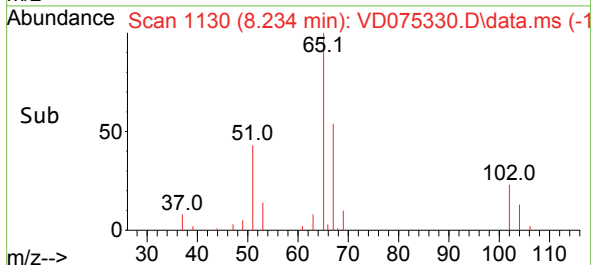
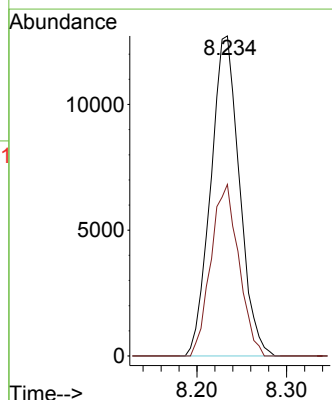
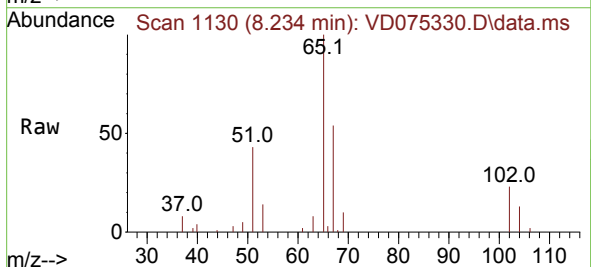
Acq: 13 Feb 2023 16:28

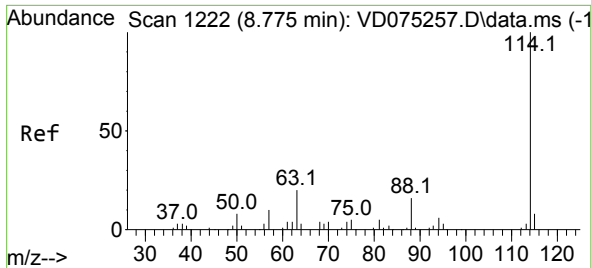
Tgt Ion: 65 Resp: 28288

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.2

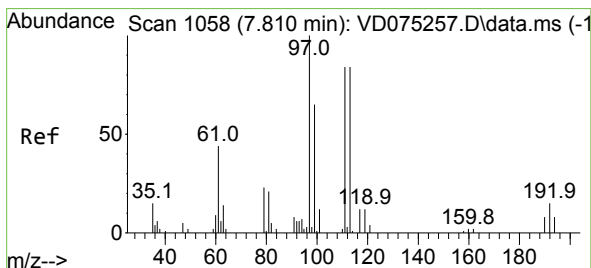
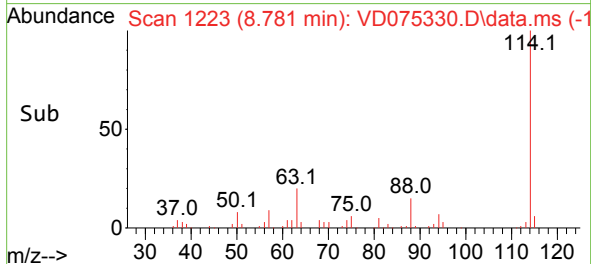
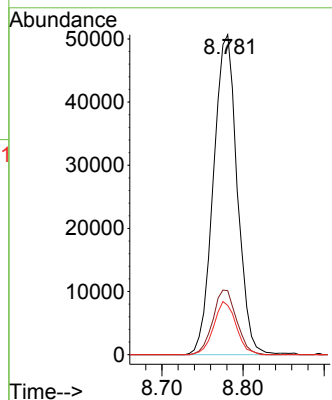
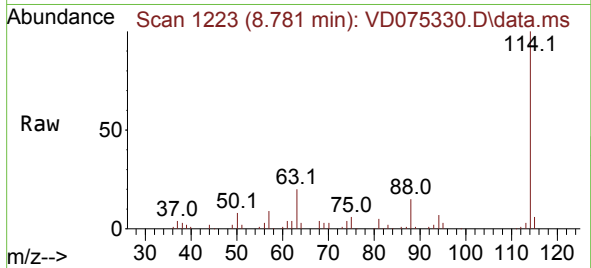




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

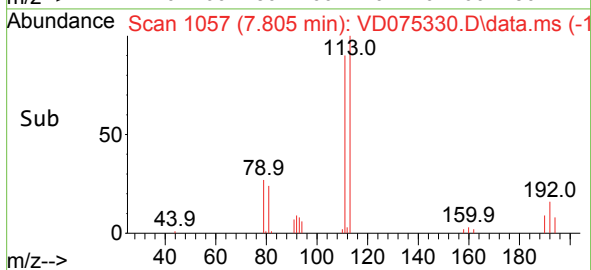
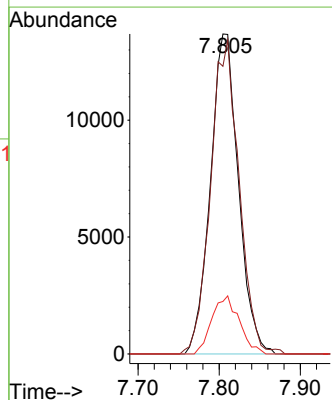
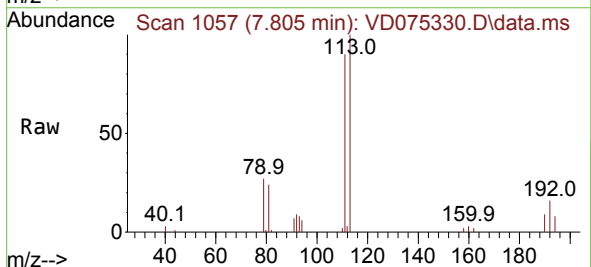
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

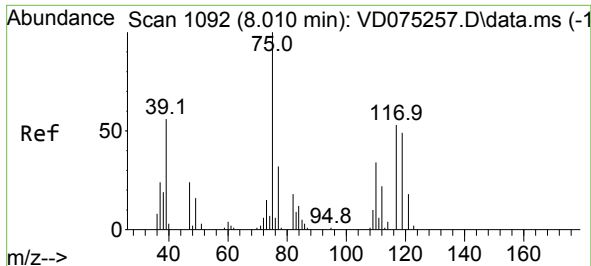
Tgt Ion:114 Resp: 103091
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.2
88 15.4 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.449 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

Tgt Ion:113 Resp: 32854
Ion Ratio Lower Upper
113 100
111 99.7 80.1 120.1
192 17.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.635 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD075330.D

Acq: 13 Feb 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0

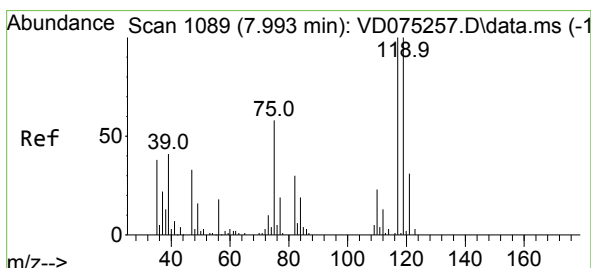
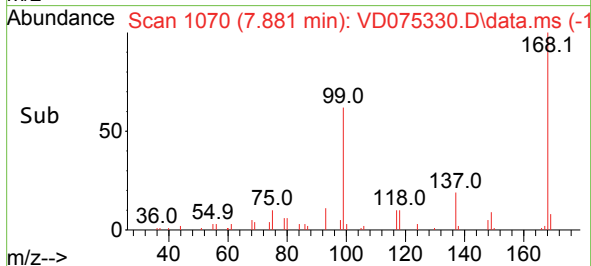
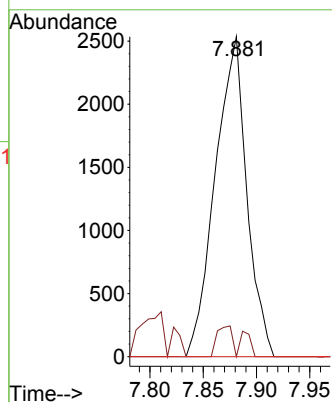
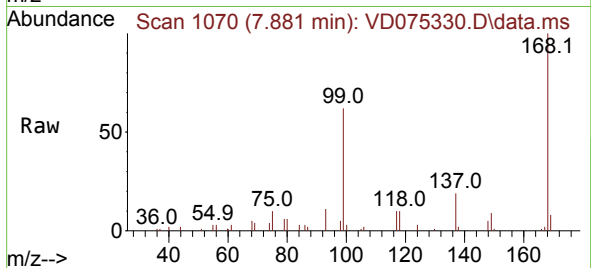
Tgt Ion: 75 Resp: 5219

Ion Ratio Lower Upper

75 100

110 2.5 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.901 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075330.D

Acq: 13 Feb 2023 16:28

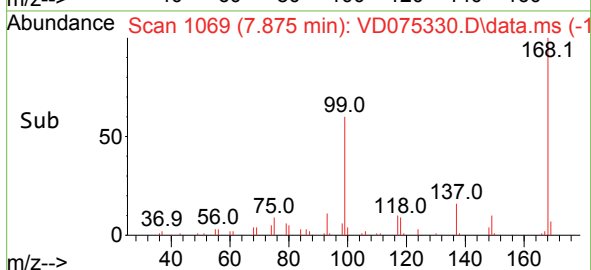
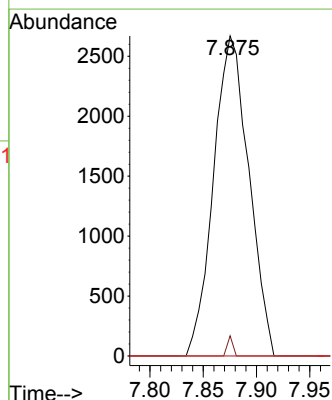
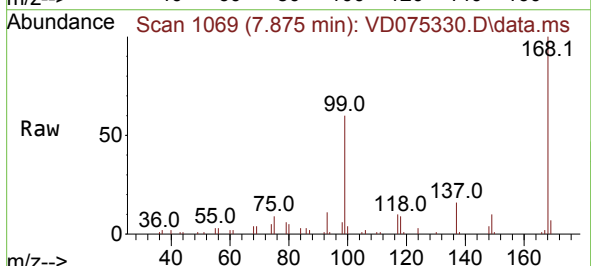
Tgt Ion: 117 Resp: 6157

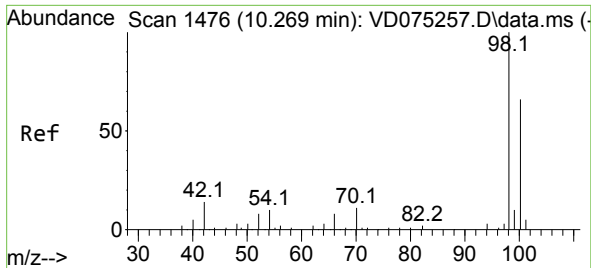
Ion Ratio Lower Upper

117 100

119 6.3 73.6 110.4#

121 0.0 25.4 38.0#

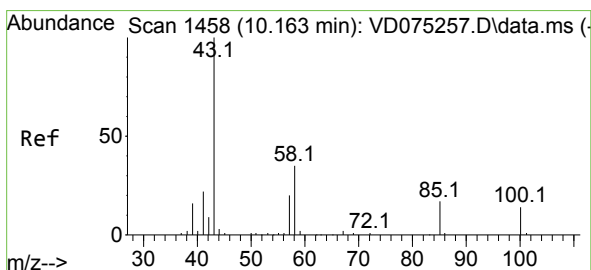
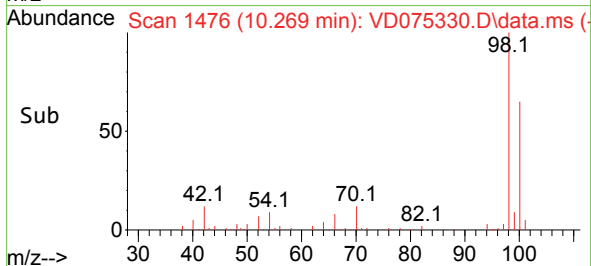
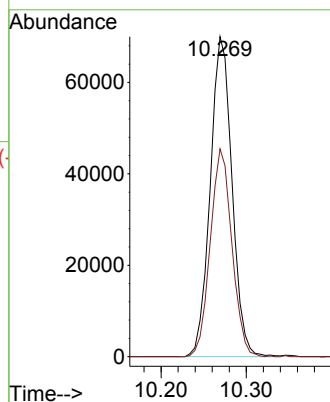
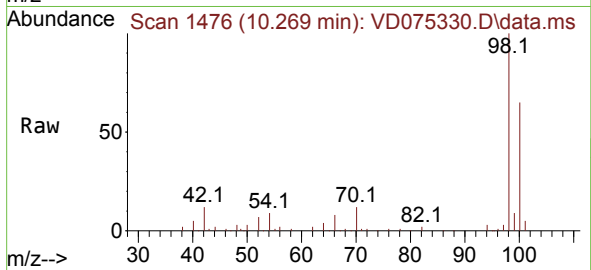




#50
Toluene-d8
Concen: 45.268 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

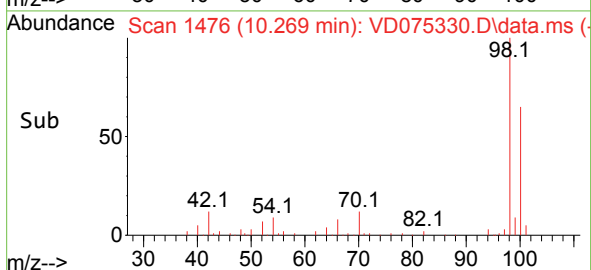
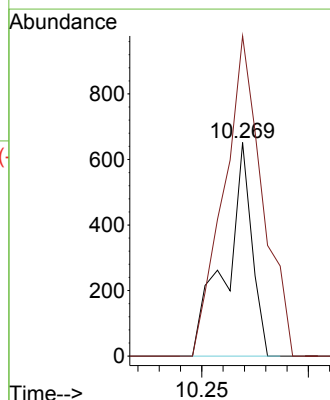
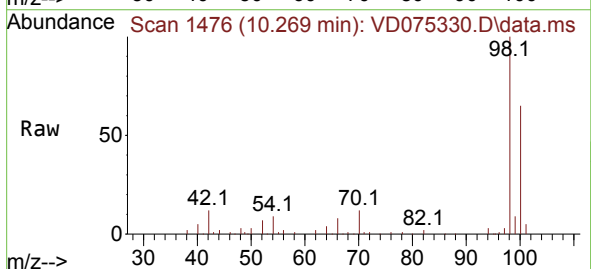
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

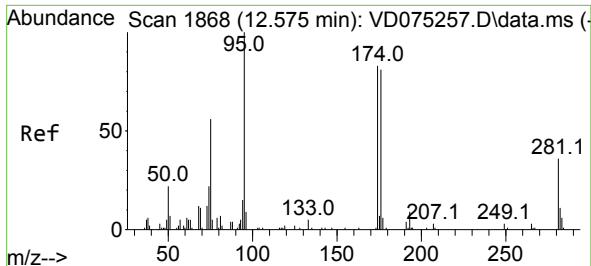
Tgt Ion: 98 Resp: 124096
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.170 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
58 221.4 31.4 47.0#

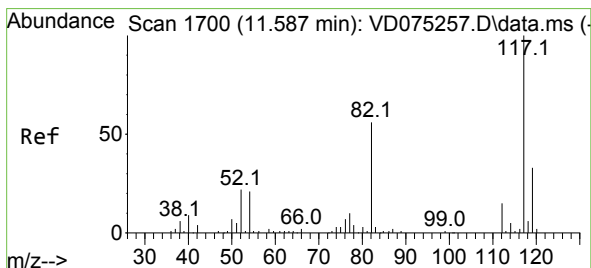
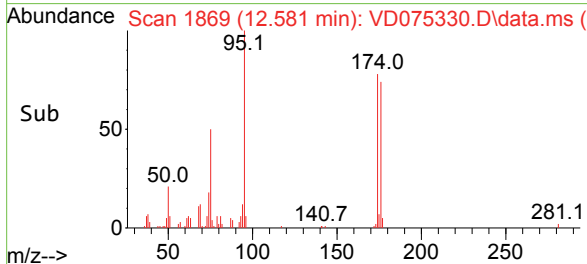
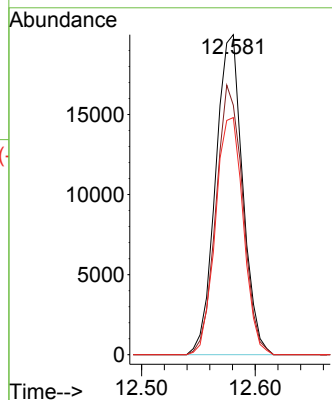
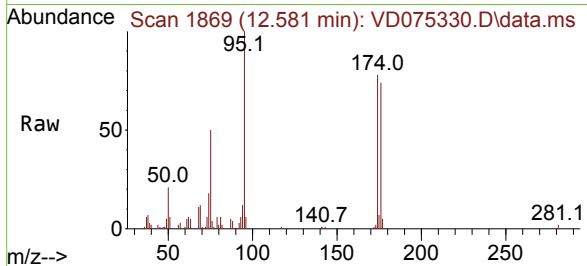




#62
4-Bromofluorobenzene
Concen: 36.645 ug/l
RT: 12.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

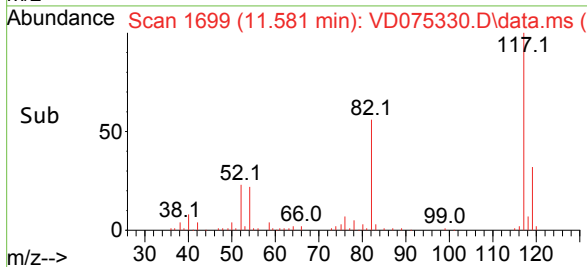
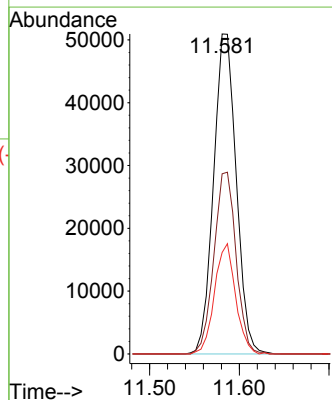
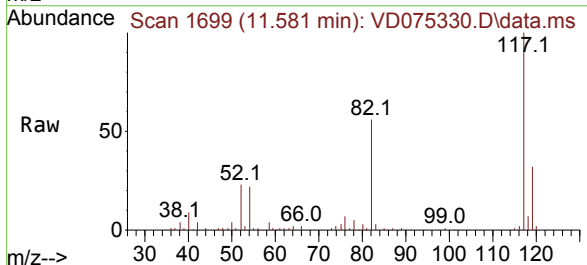
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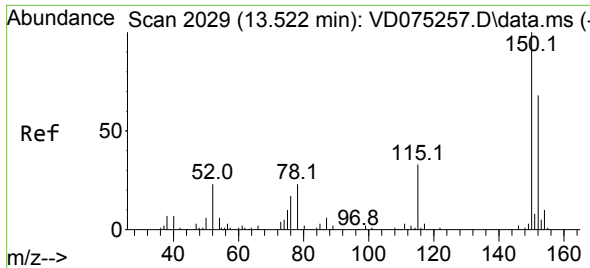
Tgt Ion: 95 Resp: 33125
Ion Ratio Lower Upper
95 100
174 83.6 0.0 161.2
176 76.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

Tgt Ion: 117 Resp: 89591
Ion Ratio Lower Upper
117 100
82 56.3 39.6 59.4
119 31.7 24.6 37.0

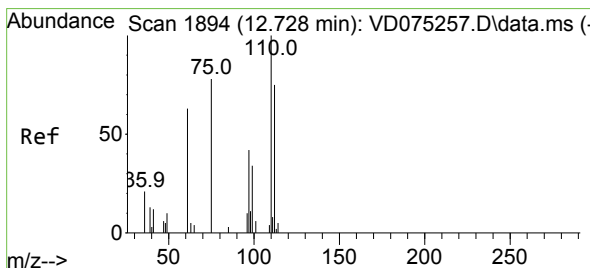
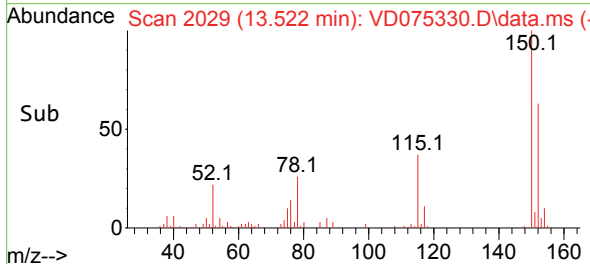
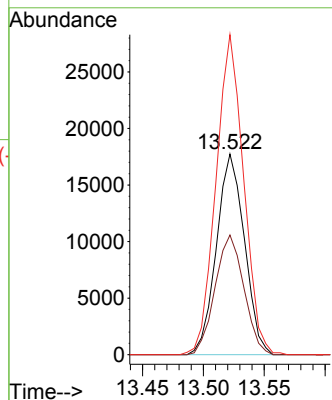
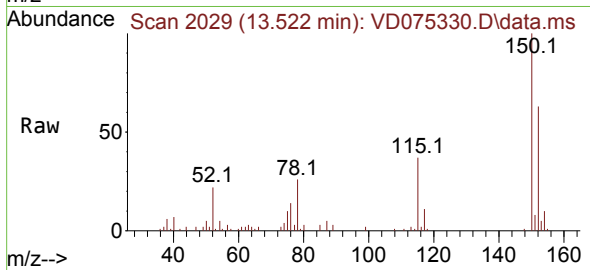




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075330.D
 Acq: 13 Feb 2023 16:28

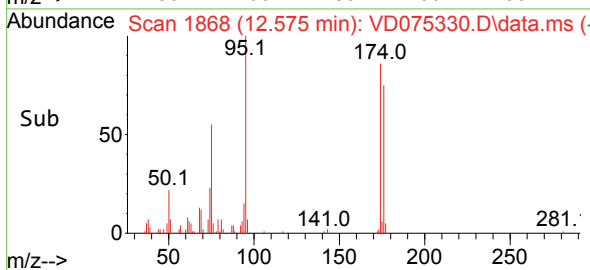
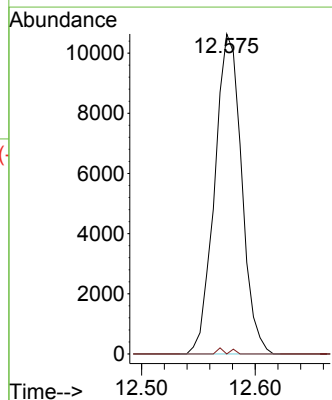
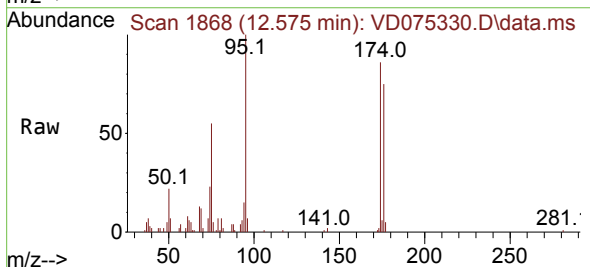
Instrument :
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 ClientSampleId :
 SB-05-0-2.0

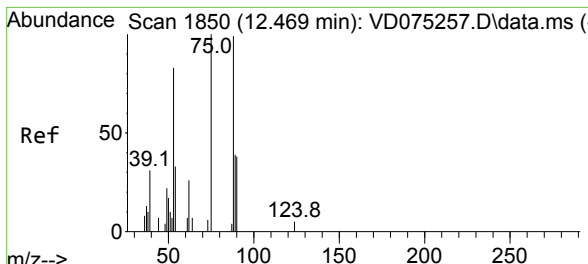
Tgt Ion:152 Resp: 28402
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.8 86.4
 150 157.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 54.360 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075330.D
 Acq: 13 Feb 2023 16:28

Tgt Ion: 75 Resp: 17537
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 171.156 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075330.D
 Acq: 13 Feb 2023 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0

Tgt Ion:	75	Resp:	17537
Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.3	34.6	52.0#

