

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075323.D
 Acq On : 13 Feb 2023 13:02
 Operator : KP/SY
 Sample : 01529-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Feb 14 01:19:42 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)

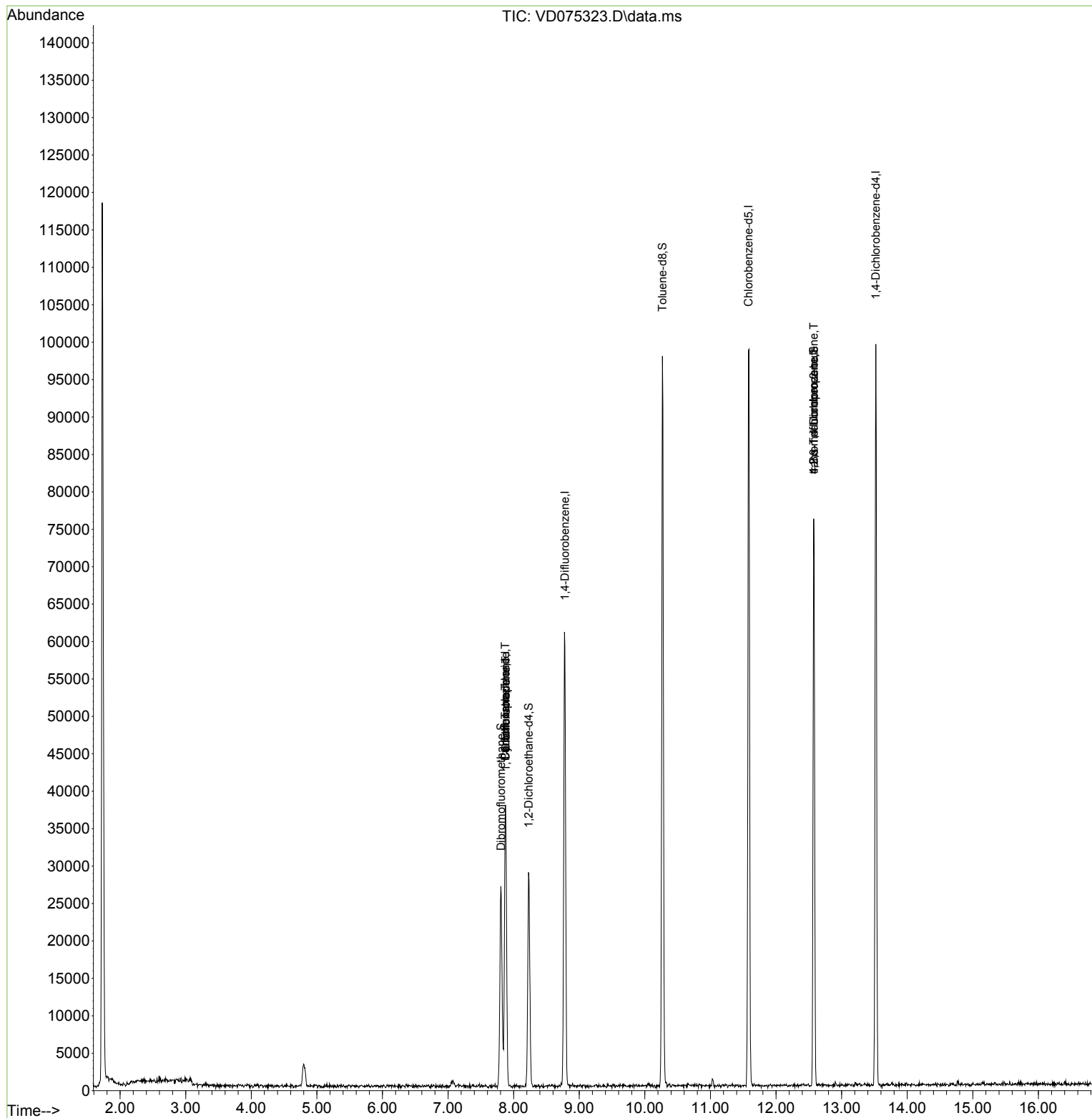
Internal Standards						
1) Pentafluorobenzene	7.875	168	28951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	51494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	55636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21934	64.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.220%	
35) Dibromofluoromethane	7.810	113	18952	52.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.980%	
50) Toluene-d8	10.269	98	65179	47.599	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.200%	
62) 4-Bromofluorobenzene	12.575	95	23418	51.865	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.740%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.787	84	1090	Below Cal	#	64
31) Cyclohexane	7.875	56	736	1.221	ug/l #	66
36) 1,1-Dichloropropene	7.881	75	2408	4.281	ug/l #	41
38) Carbon Tetrachloride	7.875	117	3177	6.096	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	12961	43.661	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	12961	137.880	ug/l #	14

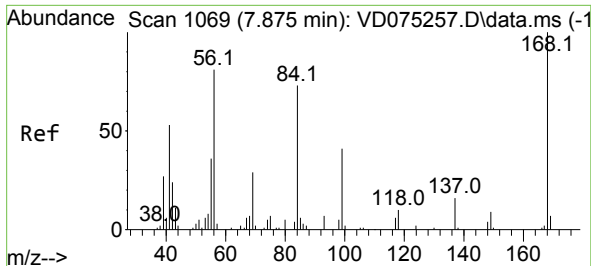
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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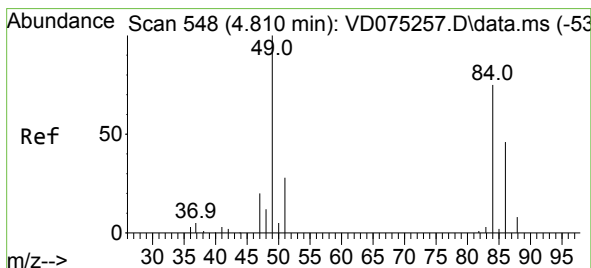
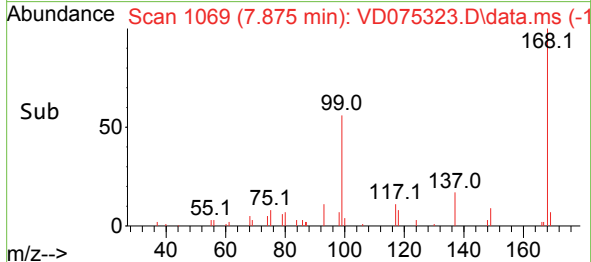
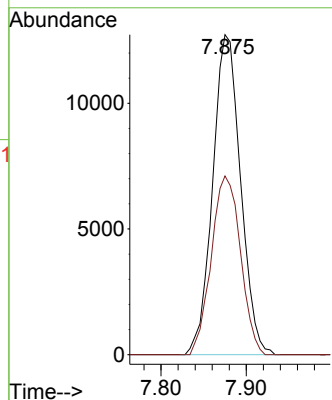
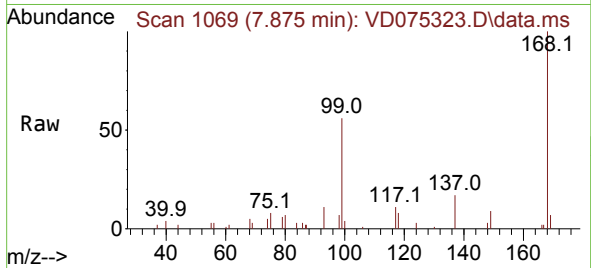




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

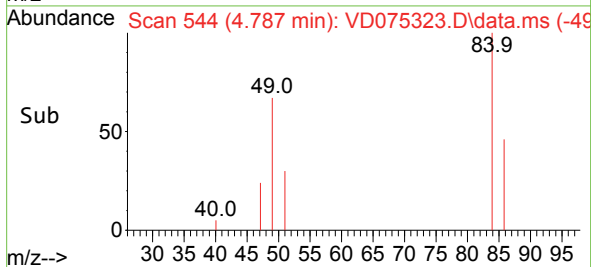
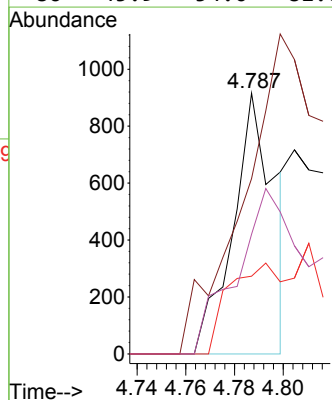
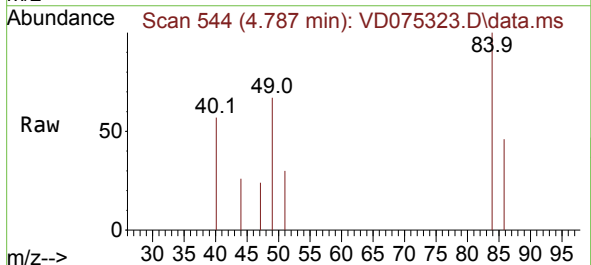
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

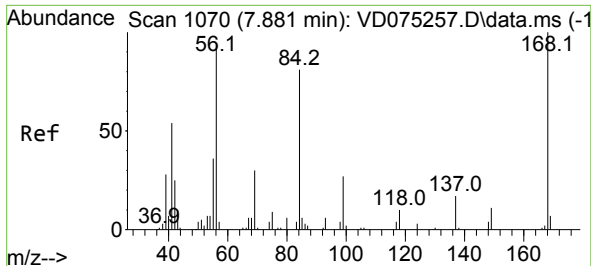
Tgt Ion:168 Resp: 28951
Ion Ratio Lower Upper
168 100
99 55.9 45.2 67.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. -0.023 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

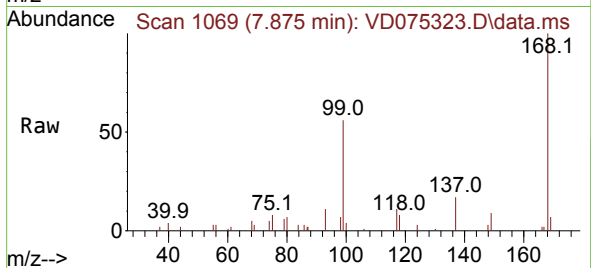
Tgt Ion: 84 Resp: 1090
Ion Ratio Lower Upper
84 100
49 67.2 97.0 145.6#
51 29.8 30.9 46.3#
86 45.9 54.0 81.0#



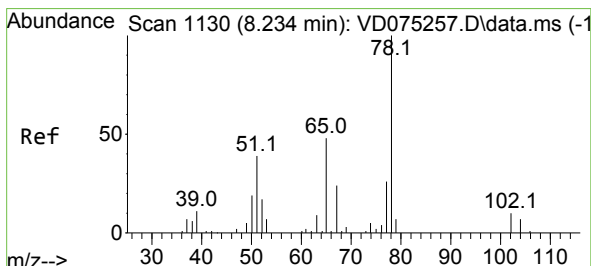
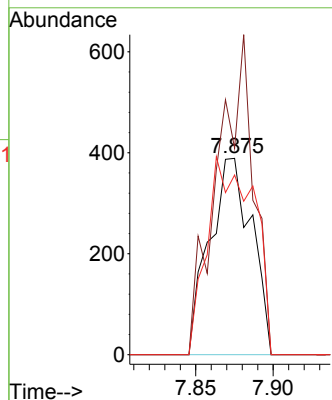
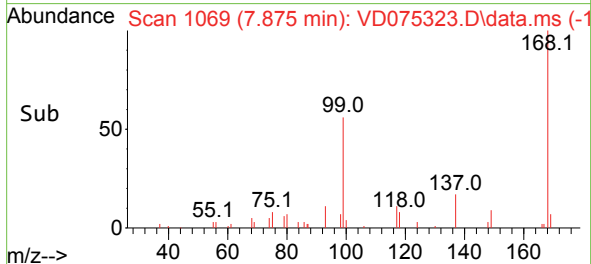


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

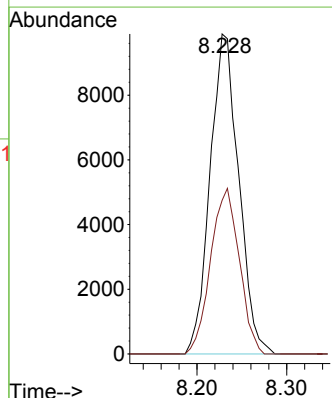
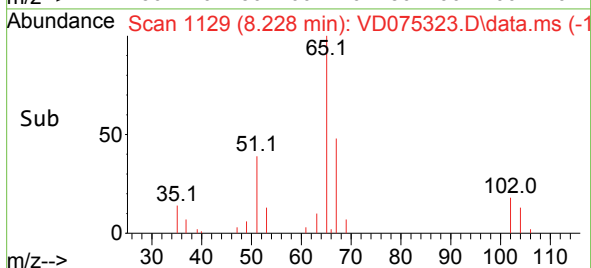
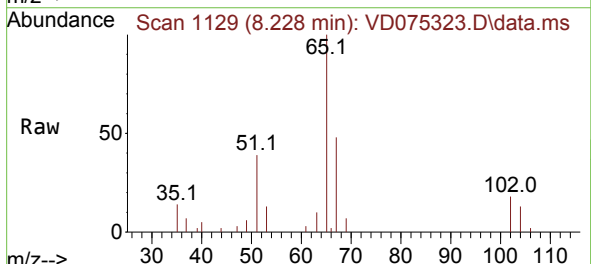


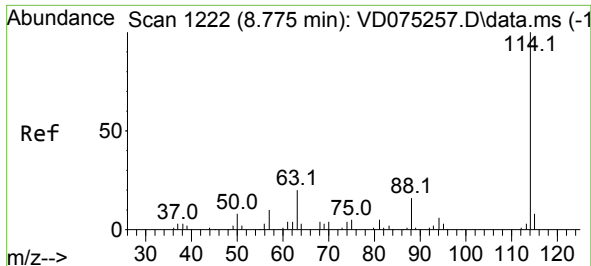
Tgt Ion: 56 Resp: 736
Ion Ratio Lower Upper
56 100
69 105.1 26.6 40.0#
84 91.5 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 64.612 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

Tgt Ion: 65 Resp: 21934
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075323.D

Acq: 13 Feb 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

SB-06-0-2.0

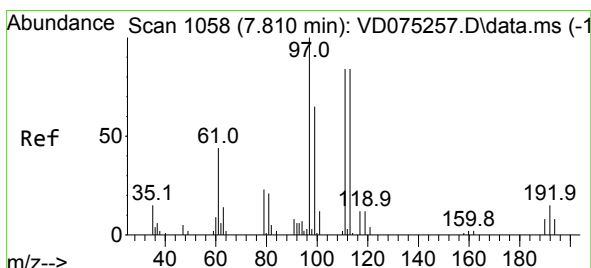
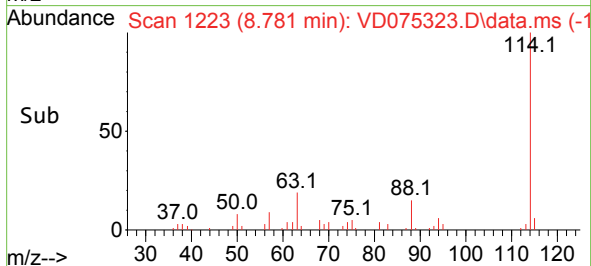
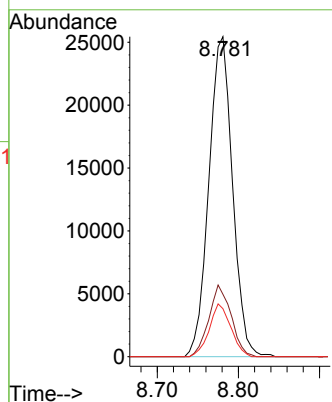
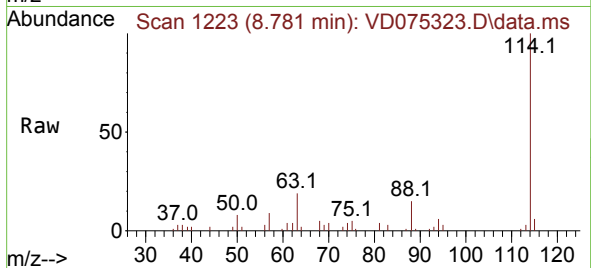
Tgt Ion:114 Resp: 51494

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.2

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.488 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075323.D

Acq: 13 Feb 2023 13:02

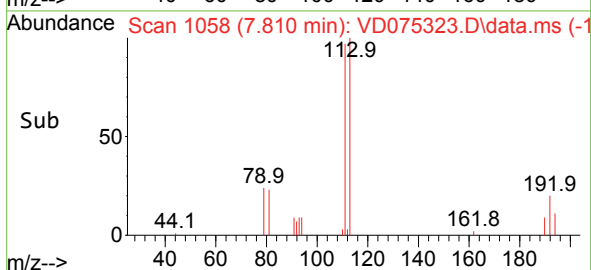
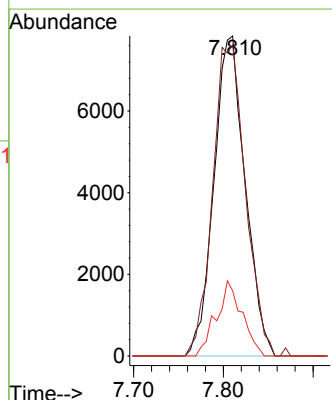
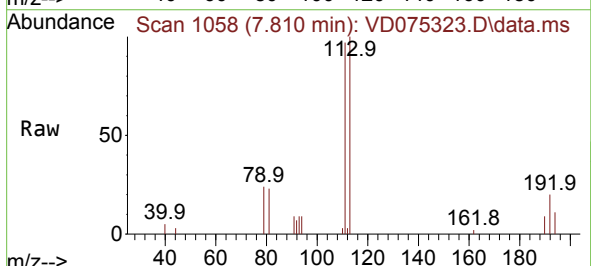
Tgt Ion:113 Resp: 18952

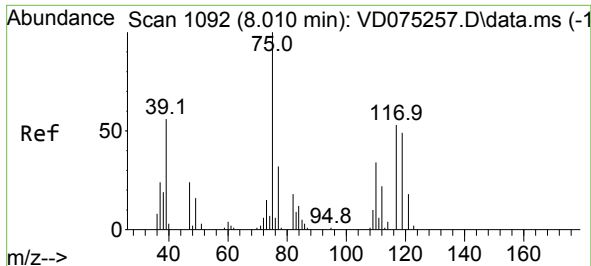
Ion Ratio Lower Upper

113 100

111 101.5 80.1 120.1

192 19.3 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.281 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD075323.D

Acq: 13 Feb 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

SB-06-0-2.0

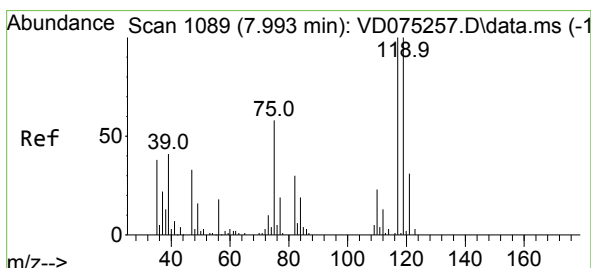
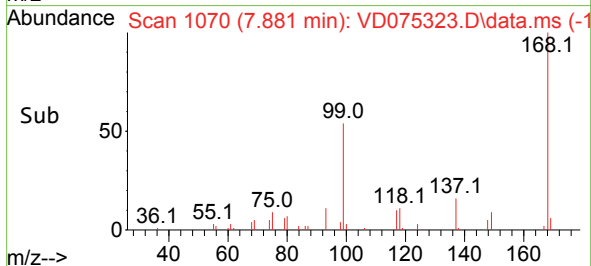
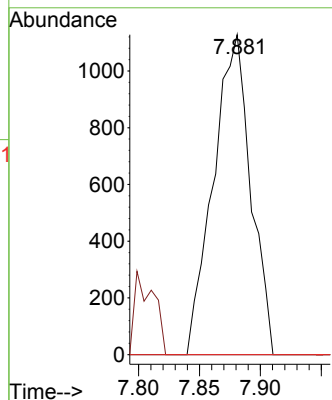
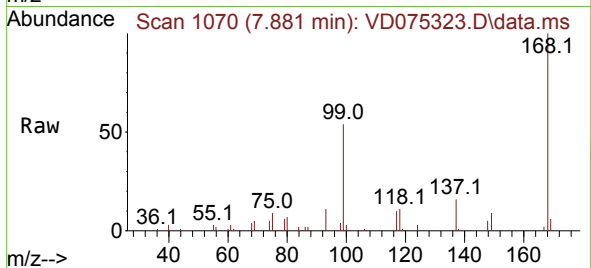
Tgt Ion: 75 Resp: 2408

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.096 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075323.D

Acq: 13 Feb 2023 13:02

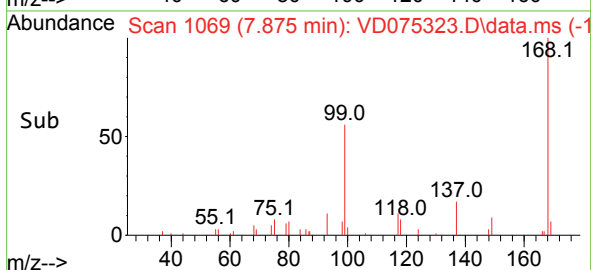
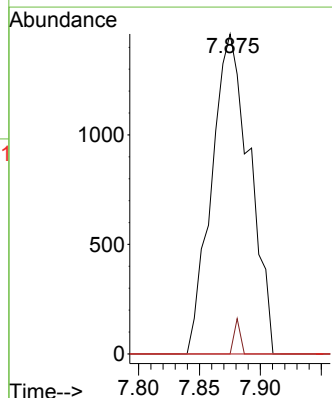
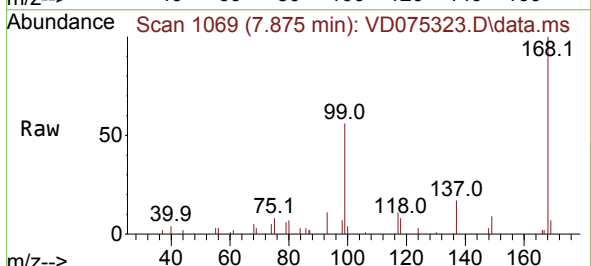
Tgt Ion: 117 Resp: 3177

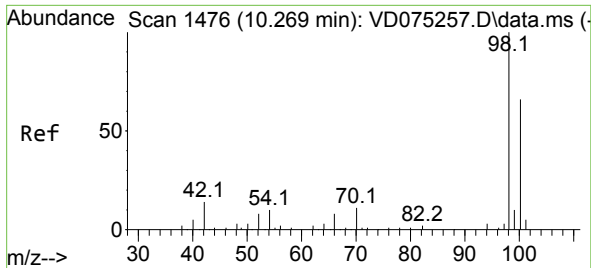
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

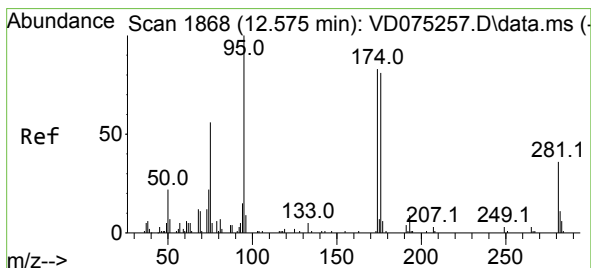
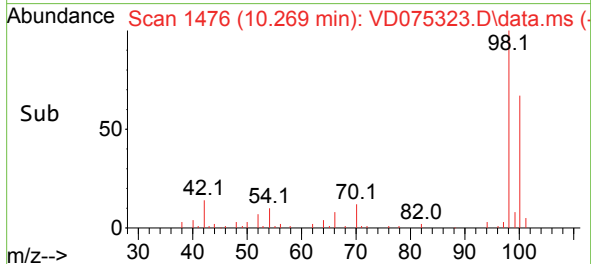
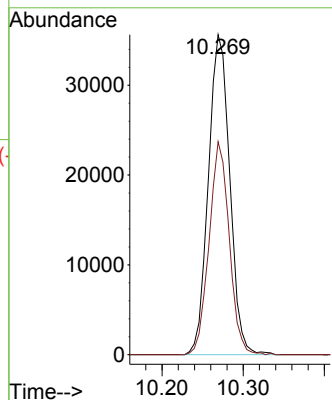
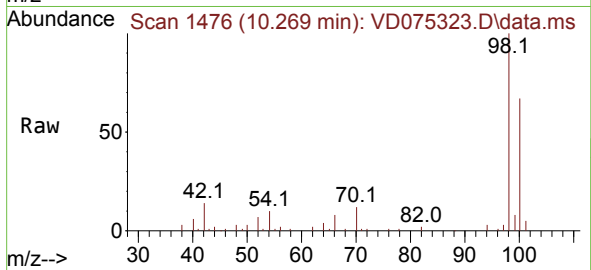




#50
Toluene-d8
Concen: 47.599 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

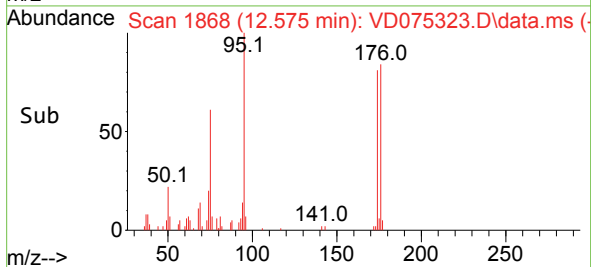
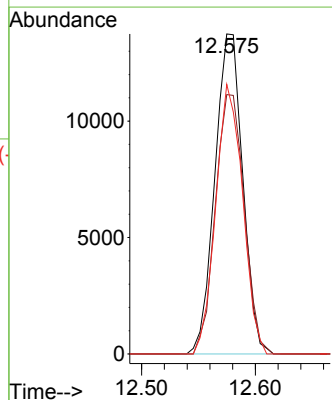
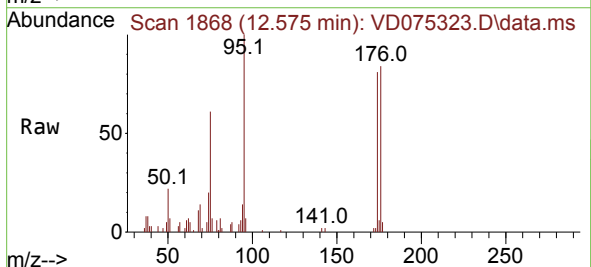
Instrument :
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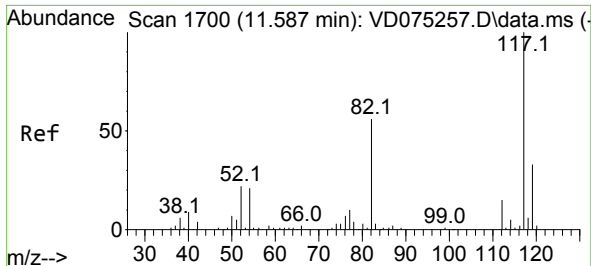
Tgt Ion: 98 Resp: 65179
Ion Ratio Lower Upper
98 100
100 62.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.865 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

Tgt Ion: 95 Resp: 23418
Ion Ratio Lower Upper
95 100
174 84.0 0.0 161.2
176 81.2 0.0 160.2

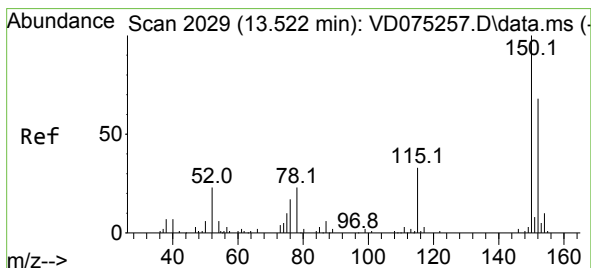
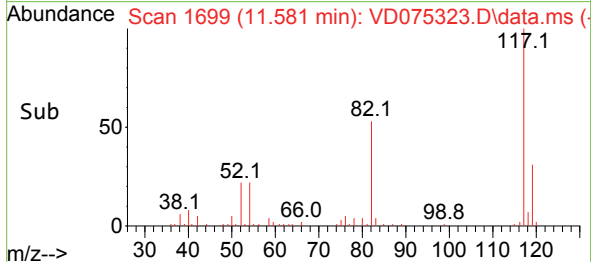
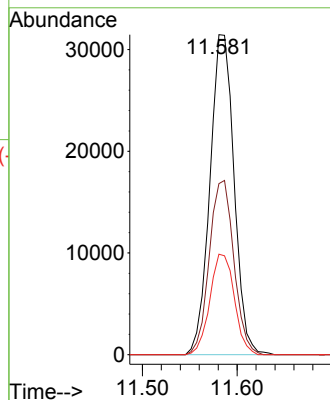
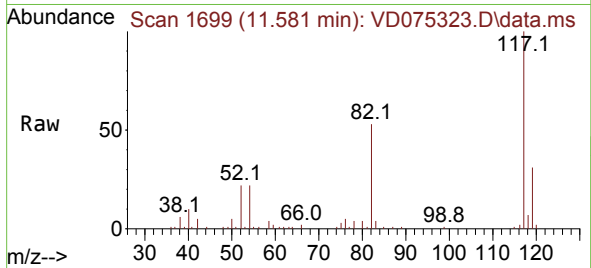




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

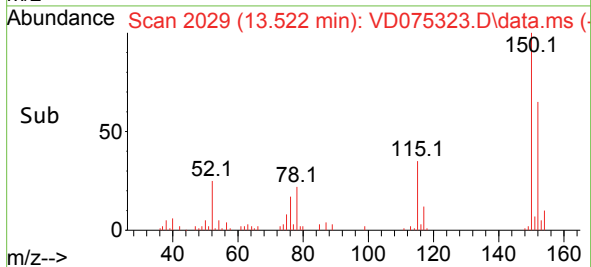
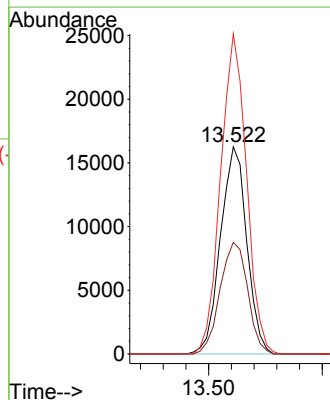
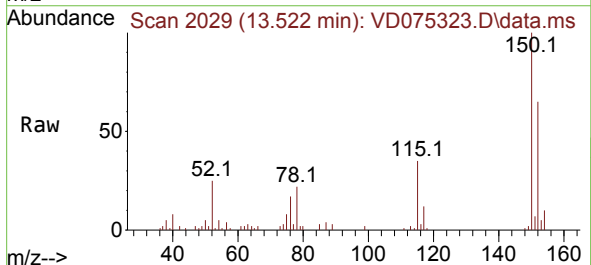
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

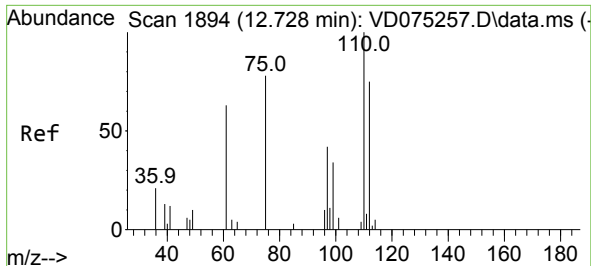
Tgt Ion:117 Resp: 55636
Ion Ratio Lower Upper
117 100
82 53.5 39.6 59.4
119 31.4 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

Tgt Ion:152 Resp: 26135
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.4
150 152.0 0.0 348.6

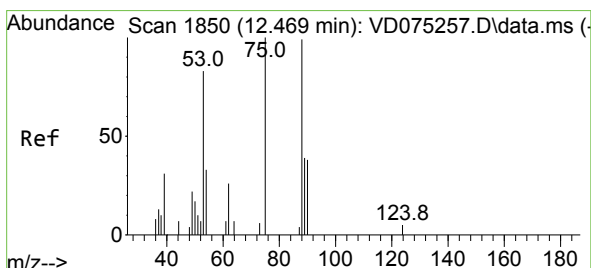
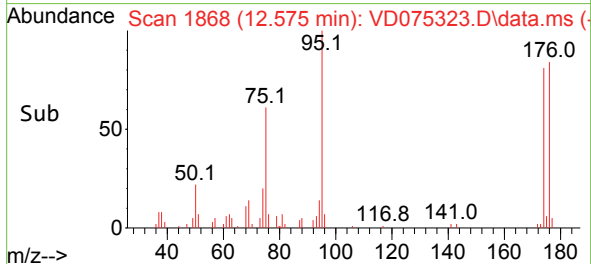
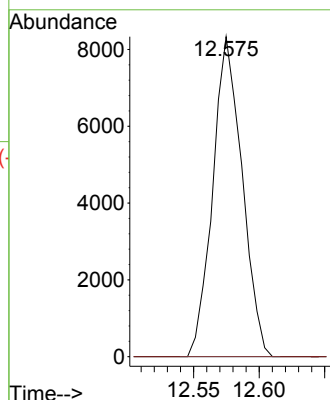
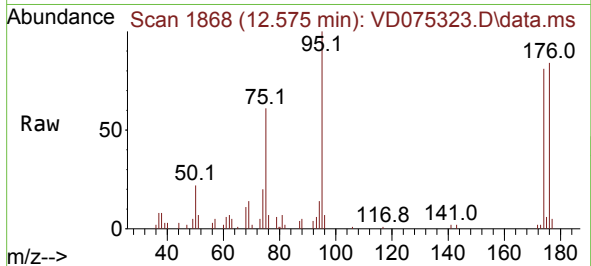




#76
1,2,3-Trichloropropane
Concen: 43.661 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

Tgt Ion: 75 Resp: 12961
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 137.880 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075323.D
Acq: 13 Feb 2023 13:02

Tgt Ion: 75 Resp: 12961
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

