

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075680 .D
 Acq On : 14 Apr 2023 15:28
 Operator : KP/SY
 Sample : 02305-01RE
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 17 01:33:52 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)

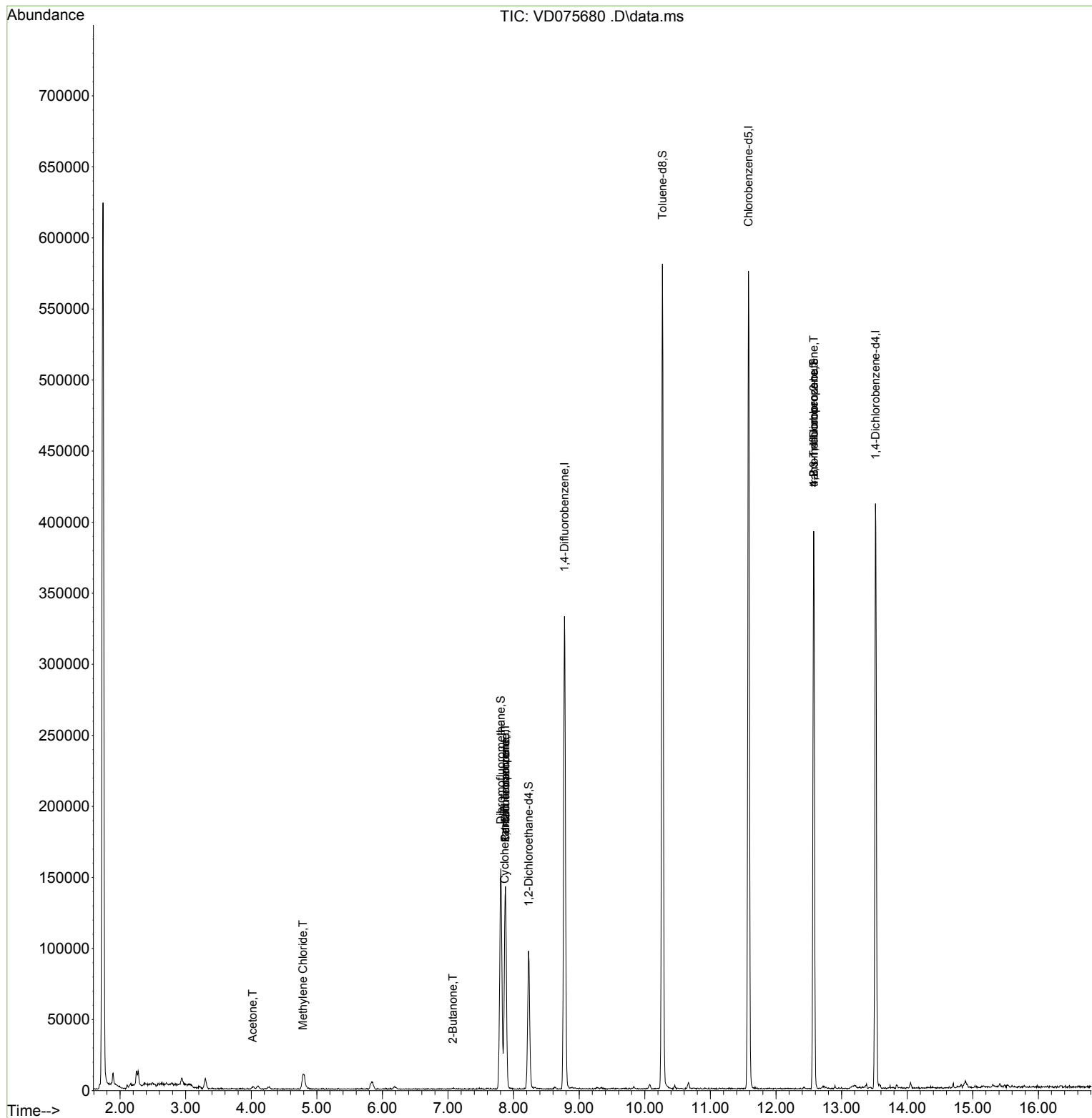
Internal Standards						
1) Pentafluorobenzene	7.875	168	117506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	321685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	366156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69472	62.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.580%	
35) Dibromofluoromethane	7.805	113	114447	52.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.800%	
50) Toluene-d8	10.269	98	422553	48.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	12.575	95	126725	55.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.060%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2464	12.059	ug/l	97
20) Methylene Chloride	4.787	84	9813	1.757	ug/l #	72
25) 2-Butanone	7.075	43	608	2.311	ug/l #	50
31) Cyclohexane	7.863	56	2642	1.509	ug/l #	18
36) 1,1-Dichloropropene	7.875	75	8668	2.904	ug/l #	49
38) Carbon Tetrachloride	7.875	117	11052	4.205	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	61722	63.207	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	61722	136.996	ug/l #	5

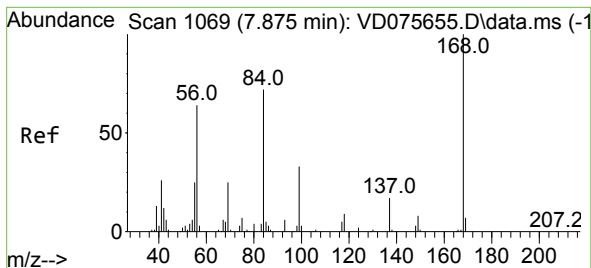
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
Data File : VD075680 .D
Acq On : 14 Apr 2023 15:28
Operator : KP/SY
Sample : 02305-01RE
Misc : 5.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 17 01:33:52 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075680.D

Acq: 14 Apr 2023 15:28

Instrument :

MSVOA_D

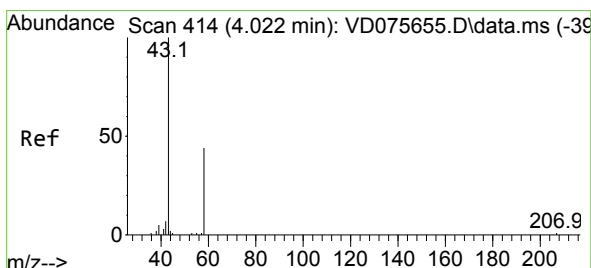
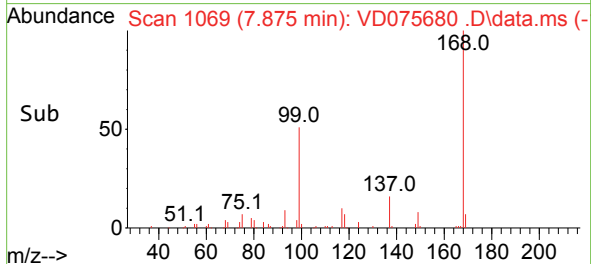
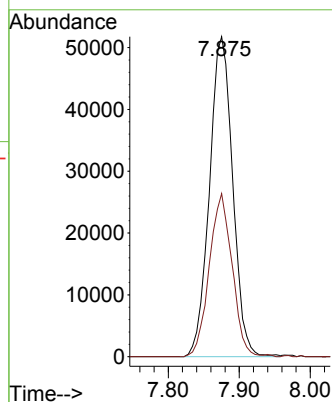
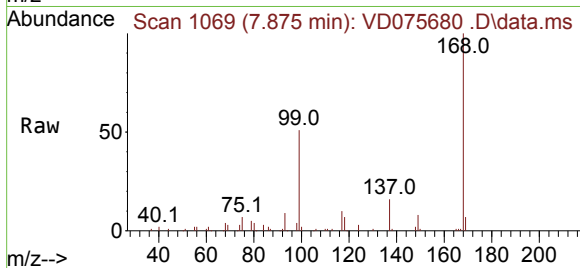
ClientSampleId :

Tgt Ion:168 Resp: 117506

Ion Ratio Lower Upper

168 100

99 51.0 43.8 65.6



#16

Acetone

Concen: 12.059 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075680.D

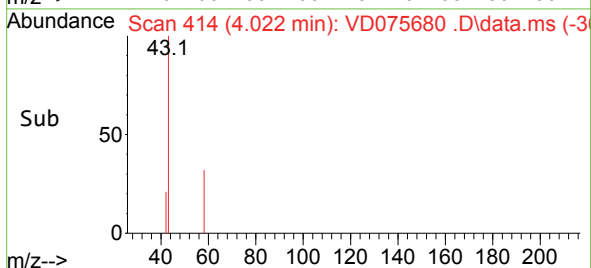
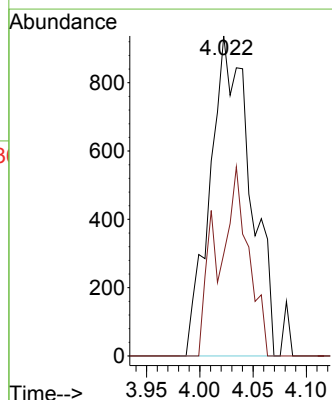
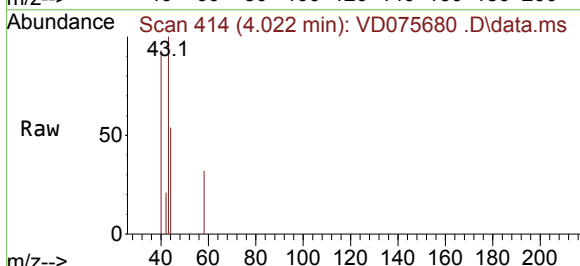
Acq: 14 Apr 2023 15:28

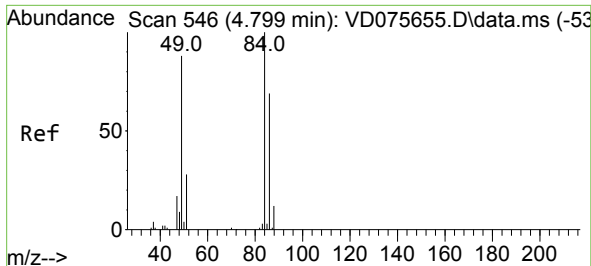
Tgt Ion: 43 Resp: 2464

Ion Ratio Lower Upper

43 100

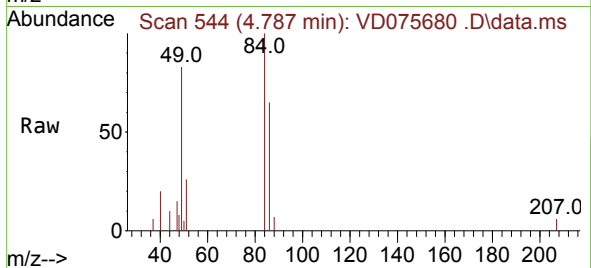
58 31.9 24.4 36.6



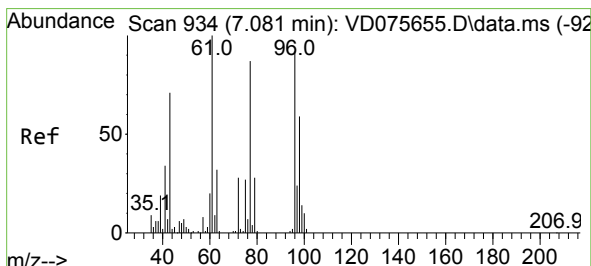
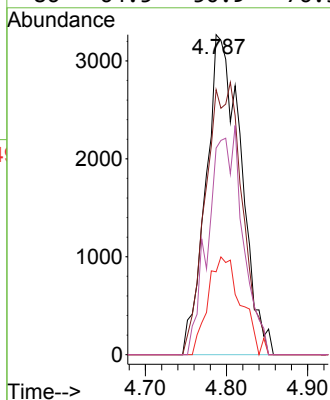
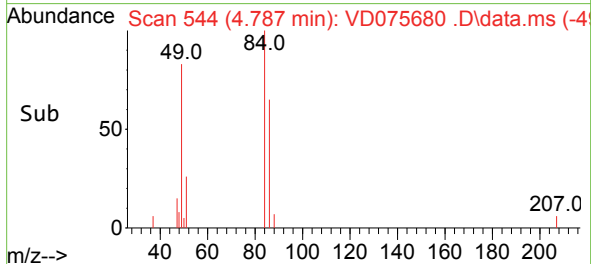


#20
Methylene Chloride
Concen: 1.757 ug/l
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Instrument :
MSVOA_D
ClientSampleId :

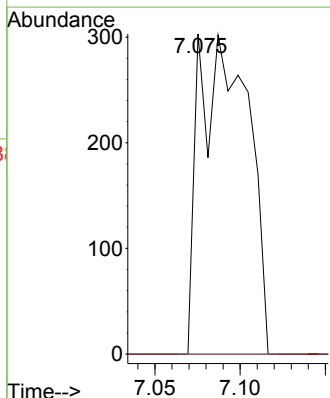
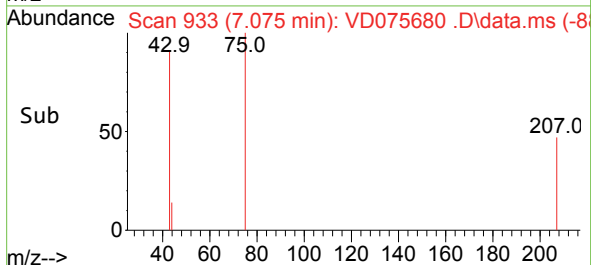
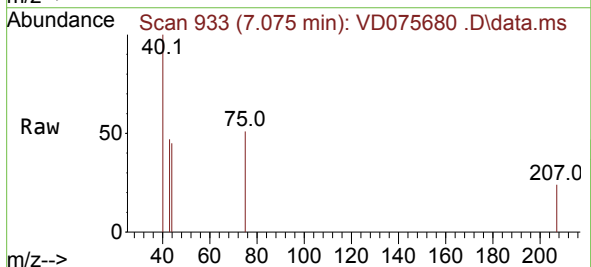


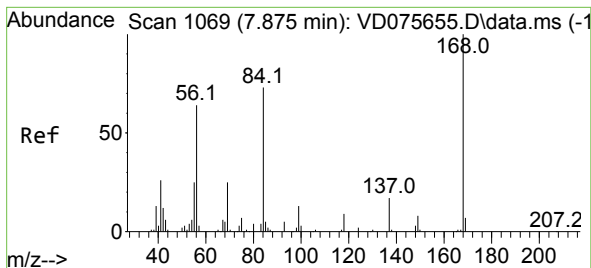
Tgt Ion:	84	Resp:	9813
Ion	Ratio	Lower	Upper
84	100		
49	82.8	106.4	159.6#
51	25.9	32.4	48.6#
86	64.5	50.9	76.3



#25
2-Butanone
Concen: 2.311 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Tgt Ion:	43	Resp:	608
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#





#31

Cyclohexane

Concen: 1.509 ug/l

RT: 7.863 min Scan# 1109

Delta R.T. -0.012 min

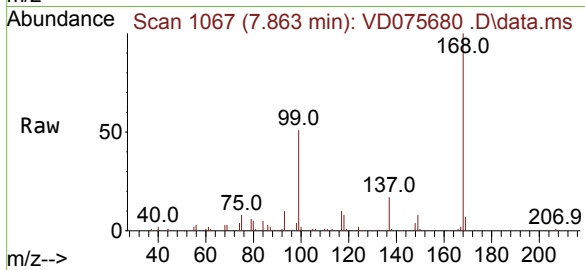
Lab File: VD075680.D

Acq: 14 Apr 2023 15:28

Instrument :

MSVOA_D

ClientSampleId :



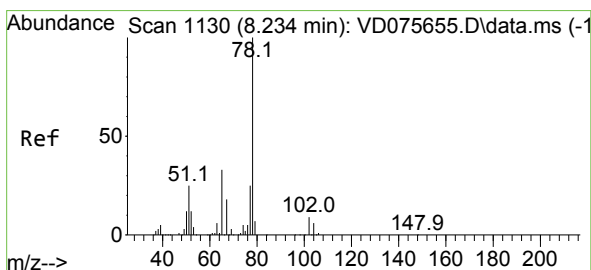
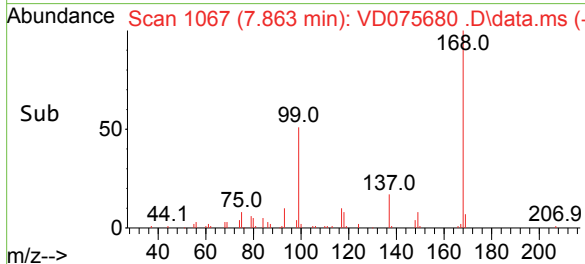
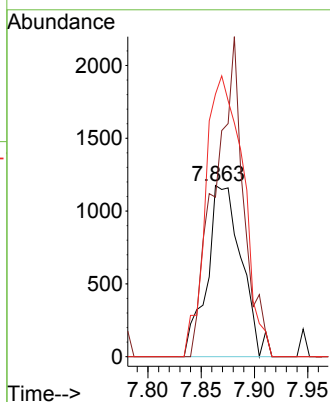
Tgt Ion: 56 Resp: 2642

Ion Ratio Lower Upper

56 100

69 93.2 25.5 38.3#

84 153.3 69.6 104.4#



#33

1,2-Dichloroethane-d4

Concen: 62.287 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075680.D

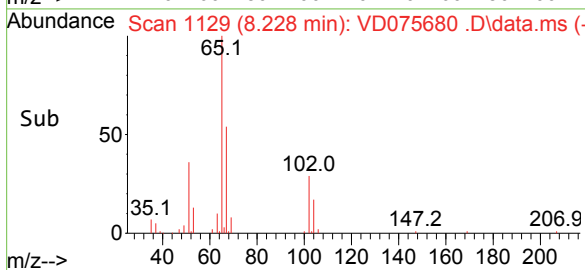
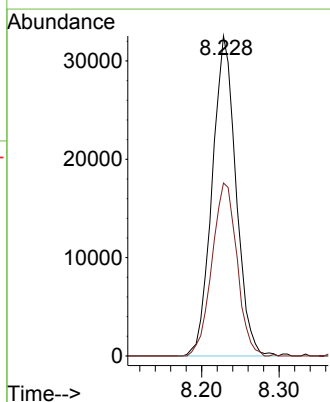
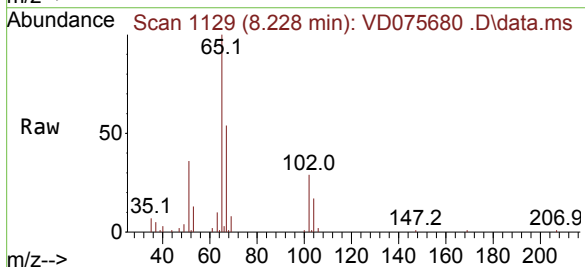
Acq: 14 Apr 2023 15:28

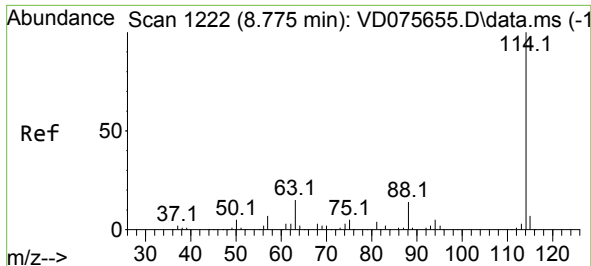
Tgt Ion: 65 Resp: 69472

Ion Ratio Lower Upper

65 100

67 56.7 0.0 102.2

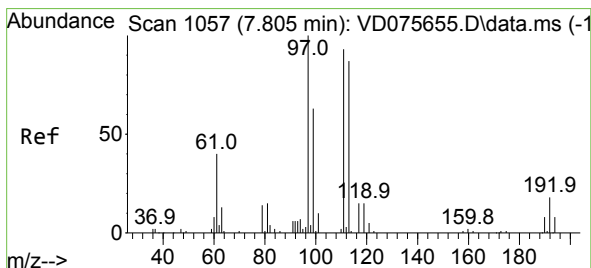
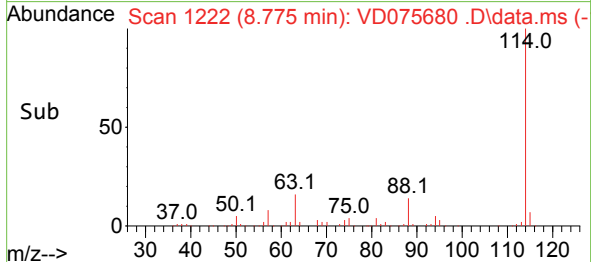
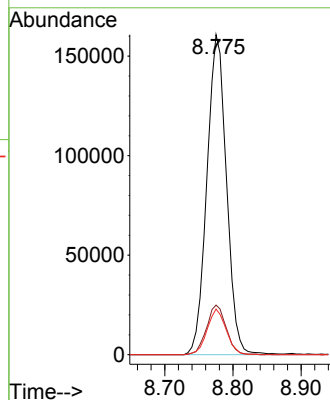
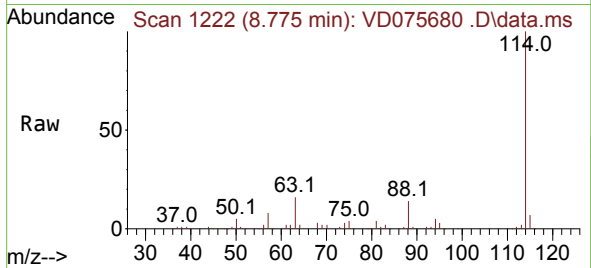




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

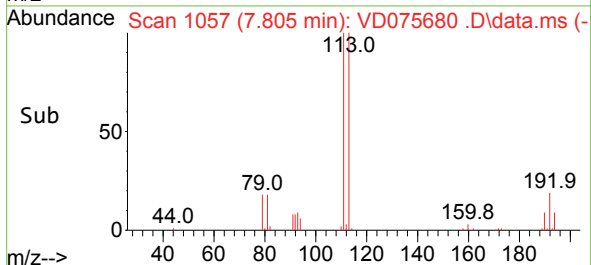
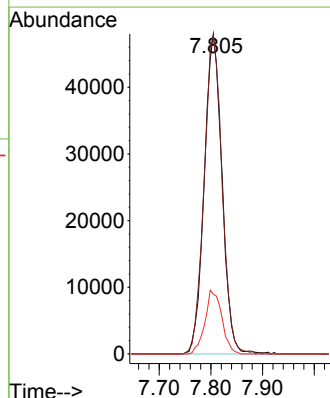
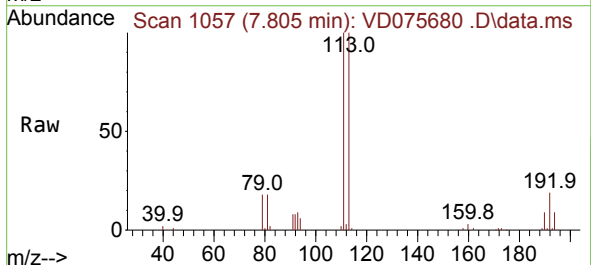
Instrument :
MSVOA_D
ClientSampleId :

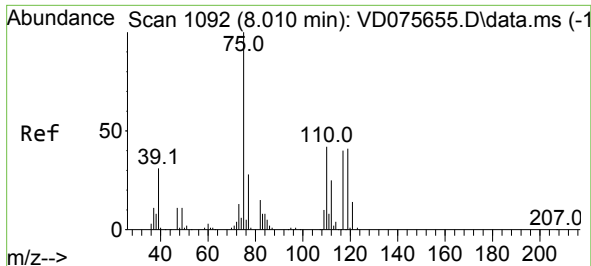
Tgt Ion:114 Resp: 321685
Ion Ratio Lower Upper
114 100
63 15.5 0.0 41.6
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.895 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Tgt Ion:113 Resp: 114447
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 19.0 15.2 22.8

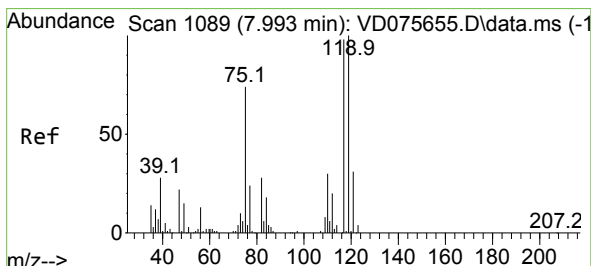
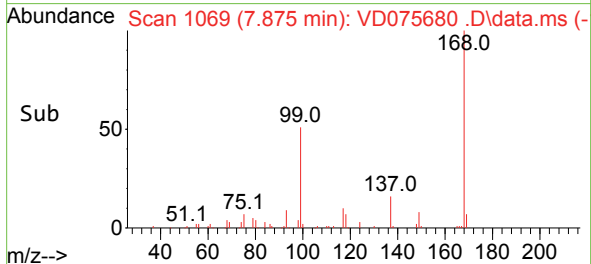
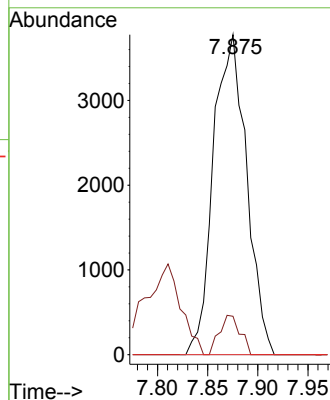
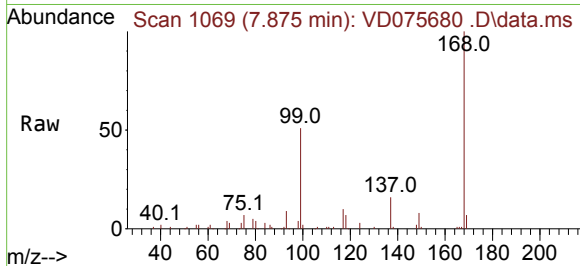




#36
1,1-Dichloropropene
Concen: 2.904 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

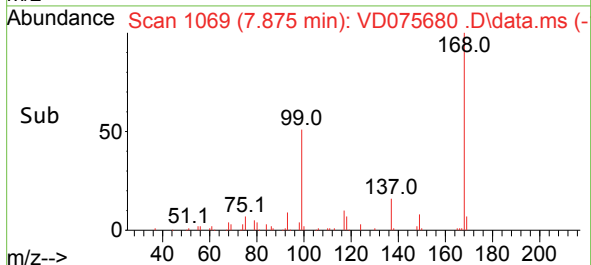
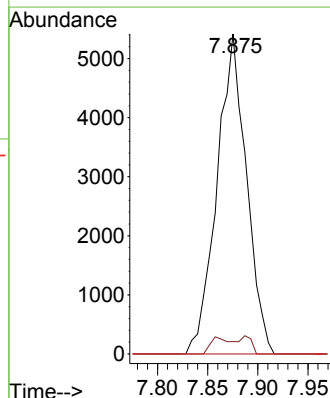
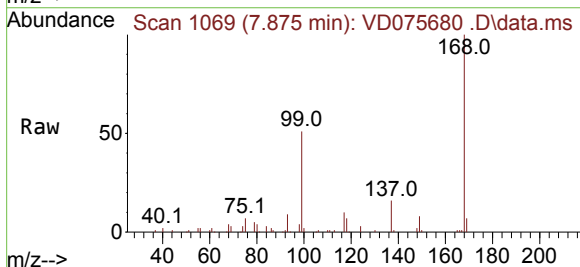
Instrument :
MSVOA_D
ClientSampleId :

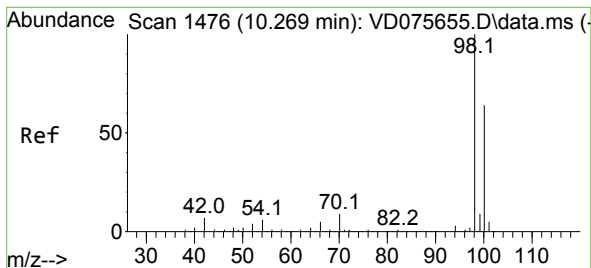
Tgt Ion: 75 Resp: 8668
Ion Ratio Lower Upper
75 100
110 7.7 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.205 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Tgt Ion: 117 Resp: 11052
Ion Ratio Lower Upper
117 100
119 3.9 74.7 112.1#
121 0.0 25.9 38.9#





#50

Toluene-d8

Concen: 48.768 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075680.D

Acq: 14 Apr 2023 15:28

Instrument :

MSVOA_D

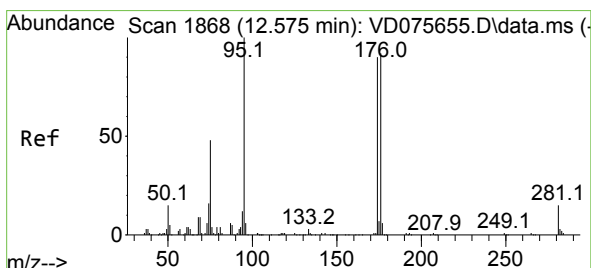
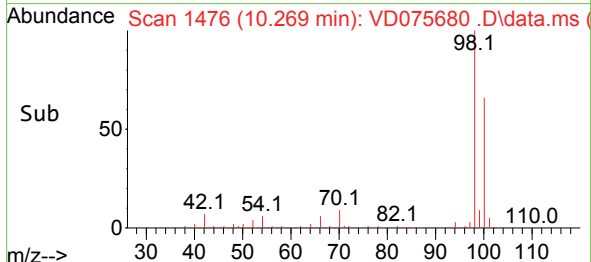
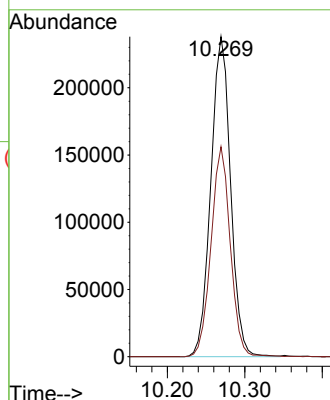
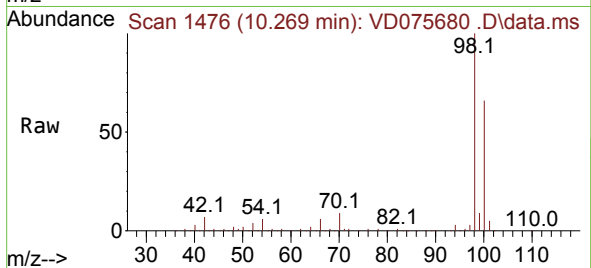
ClientSampleId :

Tgt Ion: 98 Resp: 422553

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 55.026 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075680.D

Acq: 14 Apr 2023 15:28

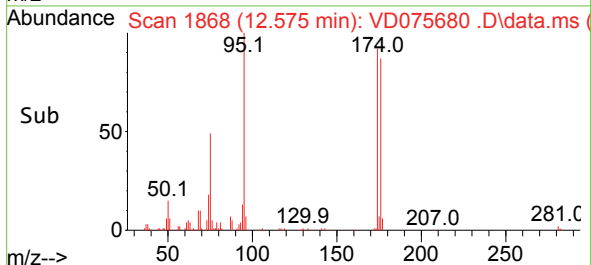
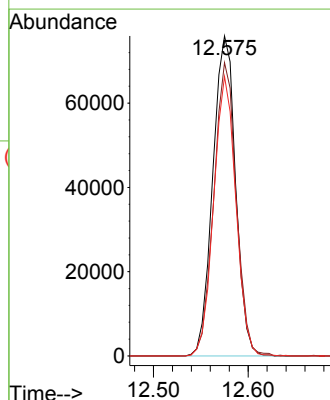
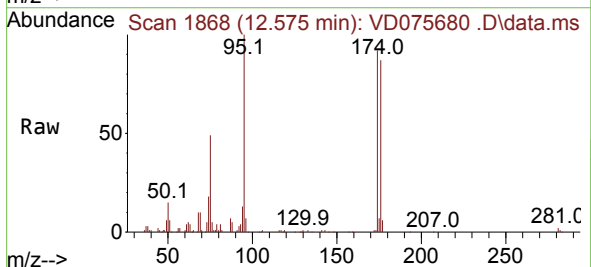
Tgt Ion: 95 Resp: 126725

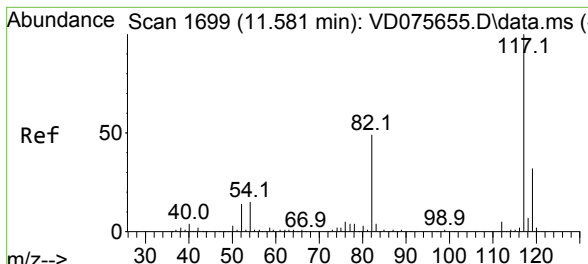
Ion Ratio Lower Upper

95 100

174 90.2 0.0 164.0

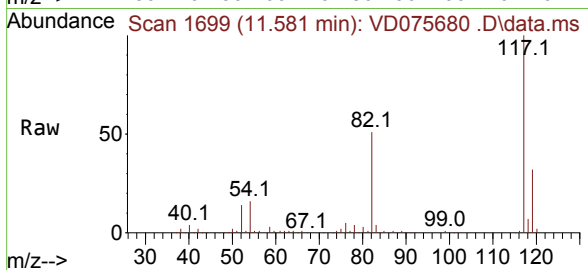
176 85.2 0.0 156.8



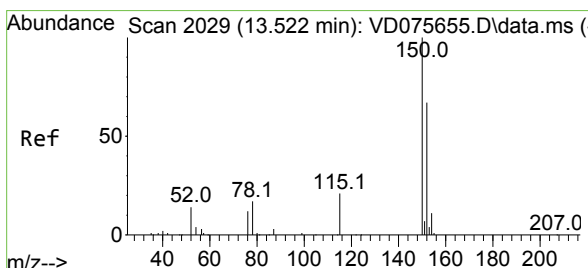
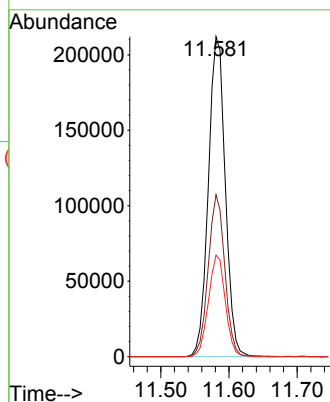
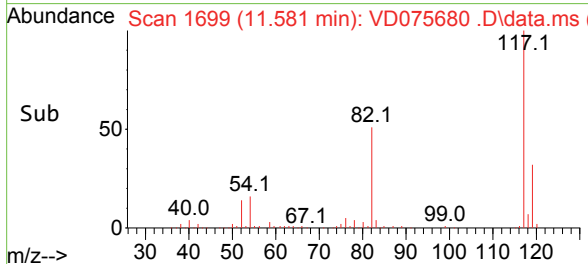


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

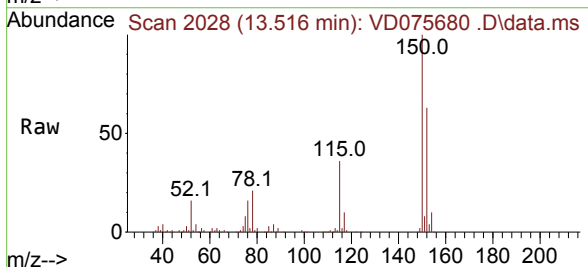
Instrument :
MSVOA_D
ClientSampleId :



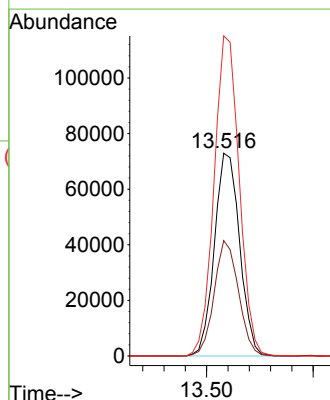
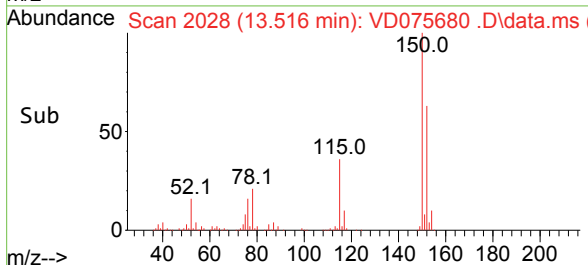
Tgt Ion:117 Resp: 366156
Ion Ratio Lower Upper
117 100
82 50.6 44.0 66.0
119 31.8 25.1 37.7

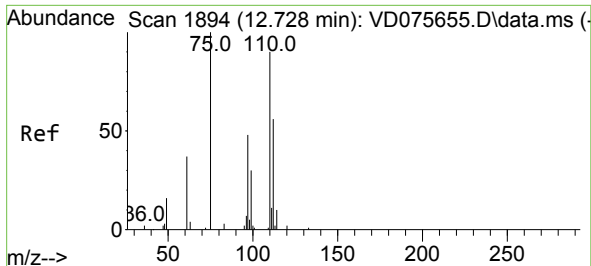


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28



Tgt Ion:152 Resp: 119744
Ion Ratio Lower Upper
152 100
115 54.8 30.1 90.3
150 157.7 0.0 364.8

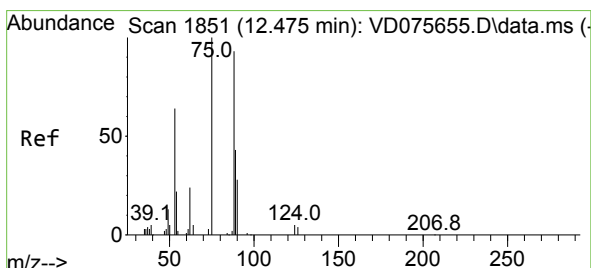
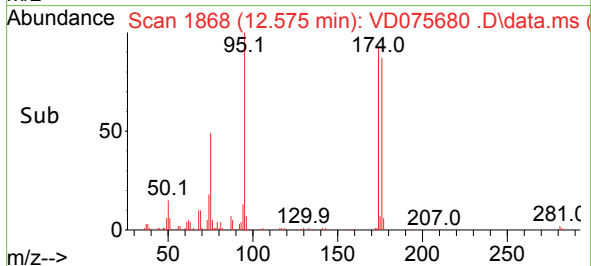
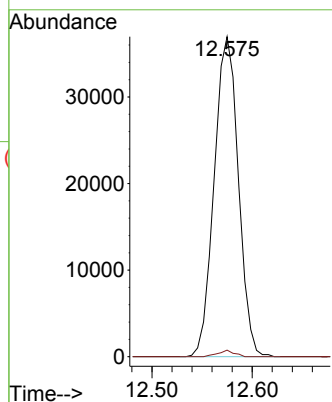
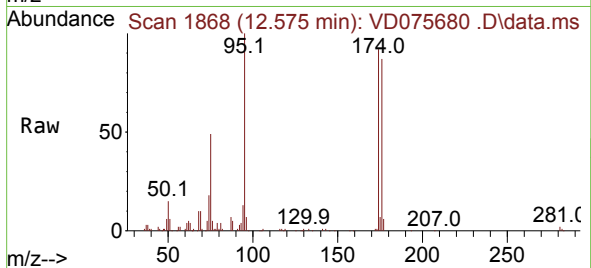




#76
1,2,3-Trichloropropane
Concen: 63.207 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 61722
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.996 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Tgt Ion: 75 Resp: 61722
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

