

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075314.D
 Acq On : 10 Feb 2023 16:58
 Operator : KP/SY
 Sample : 01528-01
 Misc : 5.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 10 23:41:29 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)

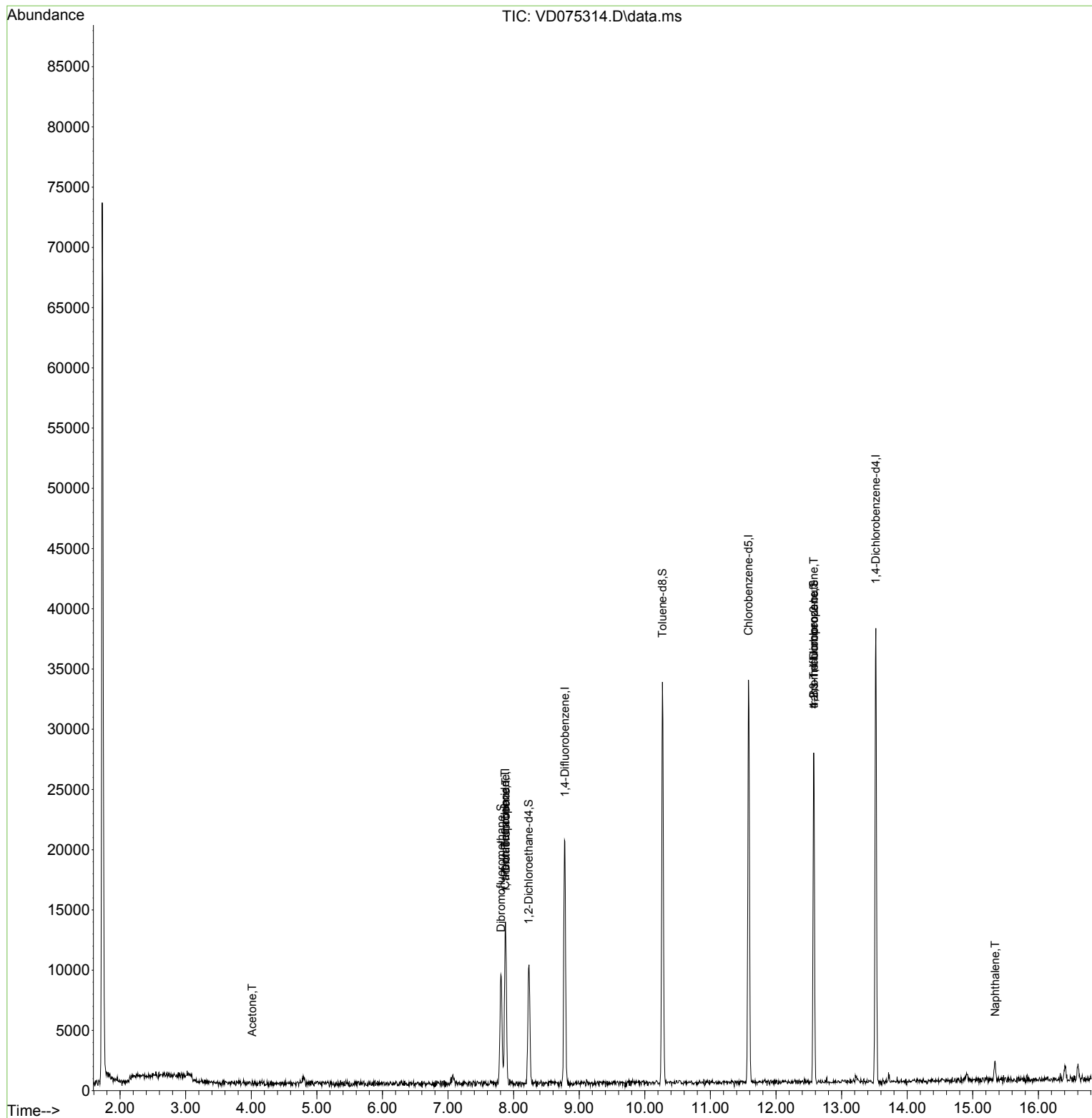
Internal Standards						
1) Pentafluorobenzene	7.875	168	10546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	17534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8129	65.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.480%
35) Dibromofluoromethane	7.811	113	6092	49.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.269	98	22679	48.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.575	95	8172	53.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.300%
Target Compounds						
						Qvalue
16) Acetone	4.017	43	62	1.896	ug/l #	42
20) Methylene Chloride	4.793	84	205	Below Cal	#	27
36) 1,1-Dichloropropene	7.881	75	931	4.861	ug/l #	41
38) Carbon Tetrachloride	7.869	117	960	5.409	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	4298	38.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	4298	123.041	ug/l #	14
95) Naphthalene	15.340	128	2263	6.202	ug/l #	79

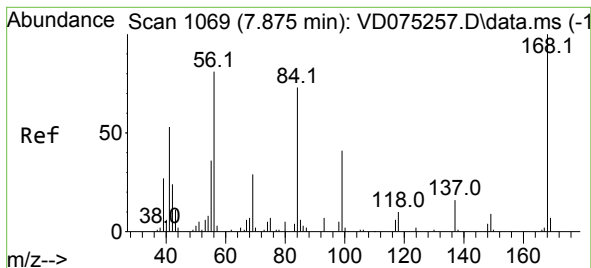
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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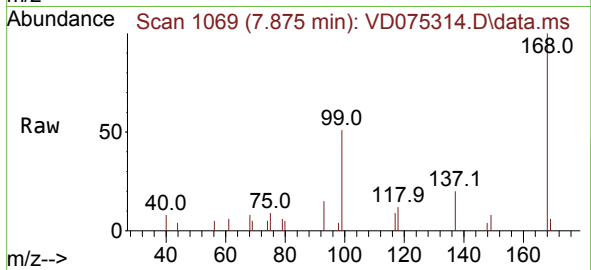
Quant Time: Feb 10 23:41:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration



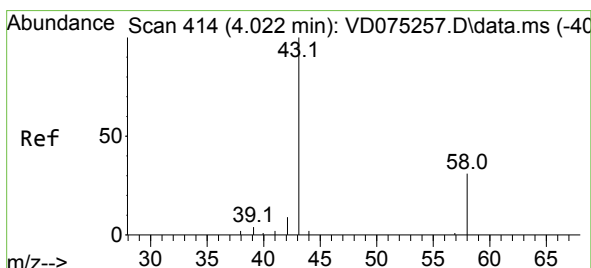
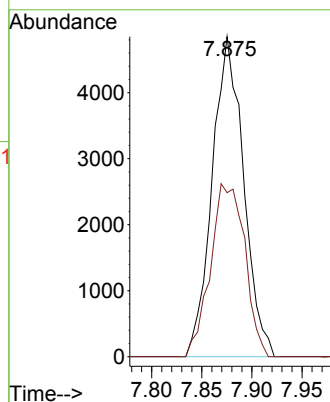
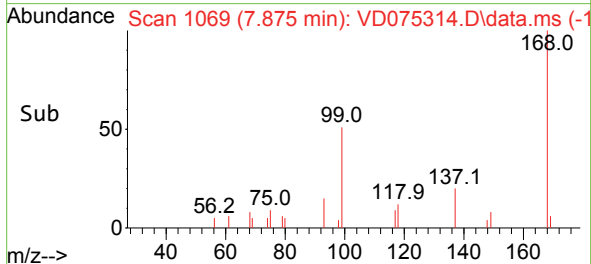


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58

Instrument :
MSVOA_D
ClientSampleId :

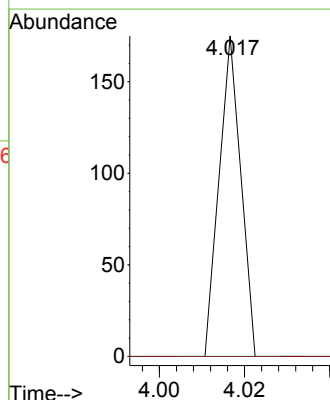
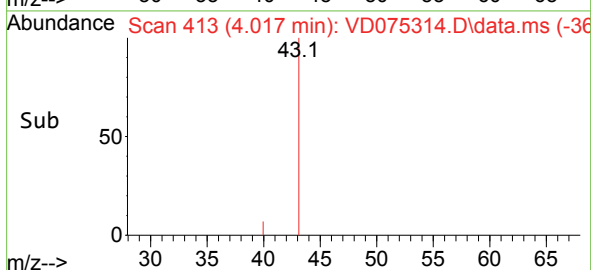
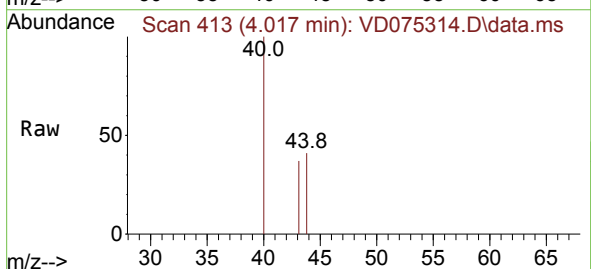


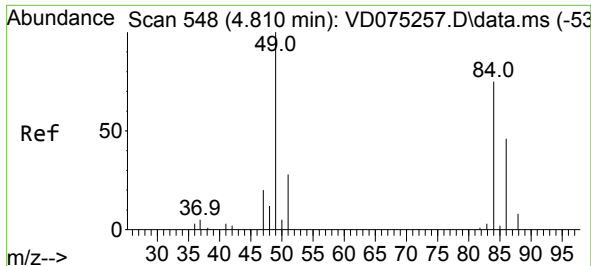
Tgt Ion:168 Resp: 10546
Ion Ratio Lower Upper
168 100
99 51.2 45.2 67.8



#16
Acetone
Concen: 1.896 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58

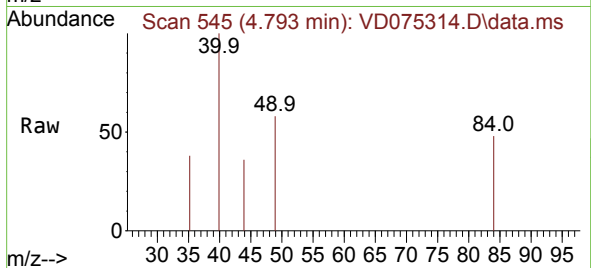
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





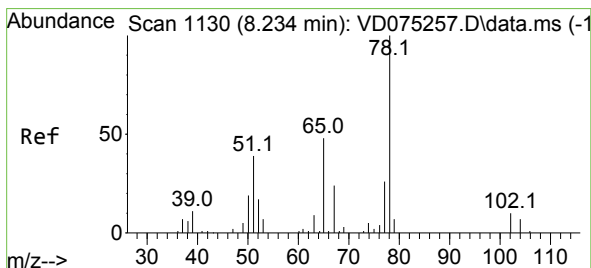
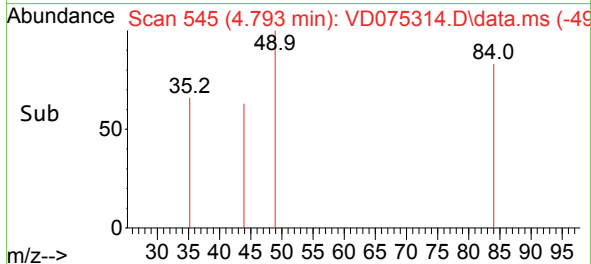
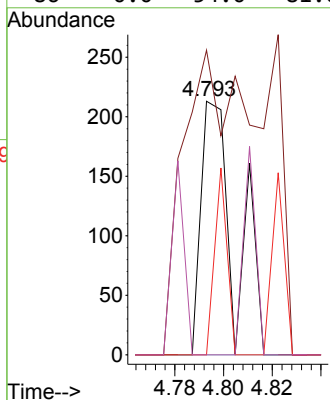
#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.017 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 205

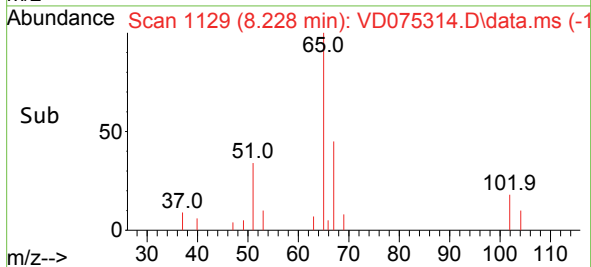
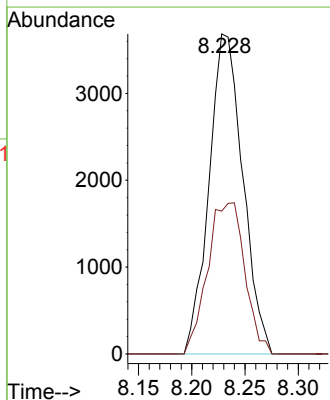
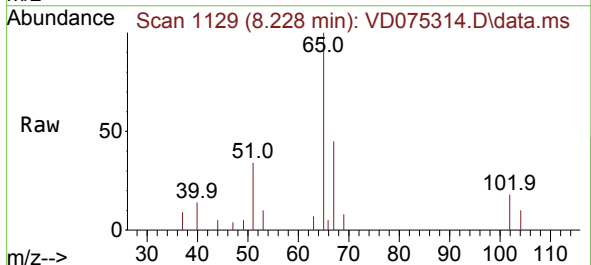
Ion	Ratio	Lower	Upper
84	100		
49	42.7	97.0	145.6#
51	0.0	30.9	46.3#
86	0.0	54.0	81.0#

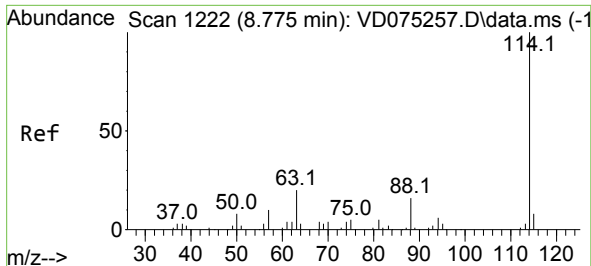


#33
1,2-Dichloroethane-d4
Concen: 65.736 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58

Tgt Ion: 65 Resp: 8129

Ion	Ratio	Lower	Upper
65	100		
67	52.0	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: VD075314.D

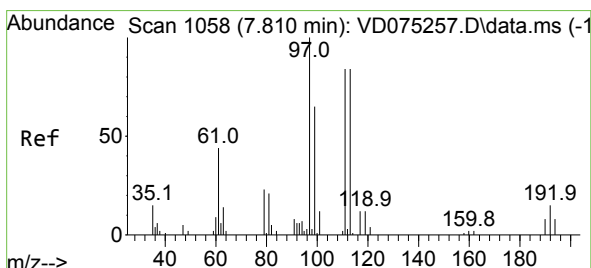
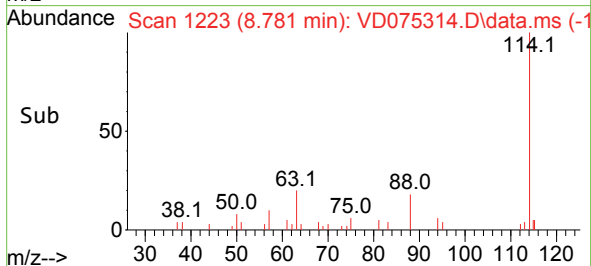
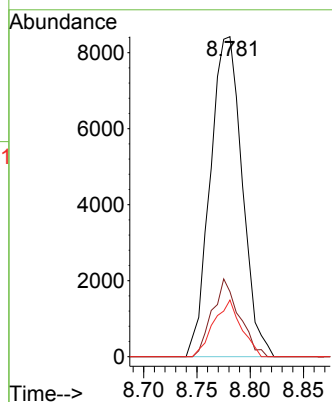
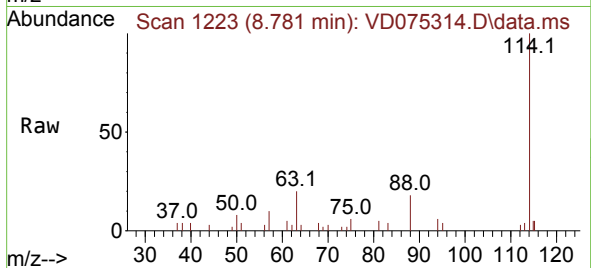
Acq: 10 Feb 2023 16:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	17534
Ion Ratio	Lower	Upper
114	100	
63	20.3	0.0 40.2
88	17.7	0.0 32.2



#35

Dibromofluoromethane

Concen: 49.549 ug/l

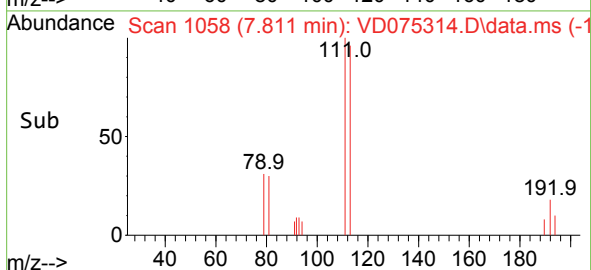
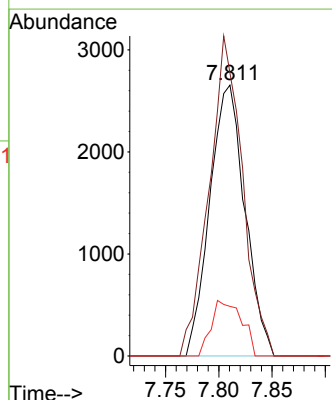
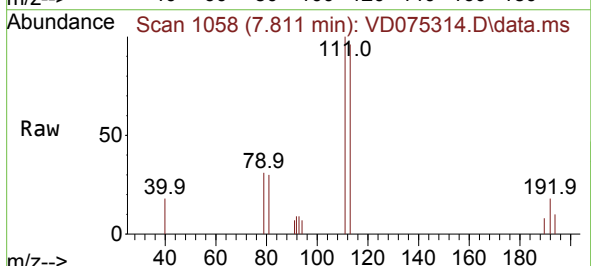
RT: 7.811 min Scan# 1058

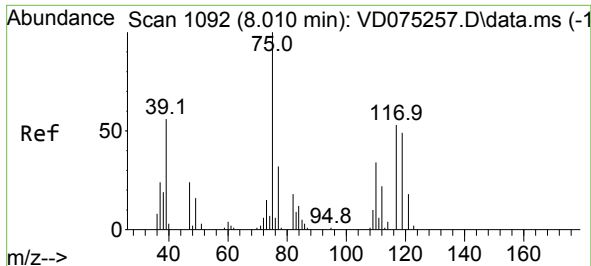
Delta R.T. 0.001 min

Lab File: VD075314.D

Acq: 10 Feb 2023 16:58

Tgt Ion:113	Resp:	6092
Ion Ratio	Lower	Upper
113	100	
111	112.2	80.1 120.1
192	17.7	15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.861 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

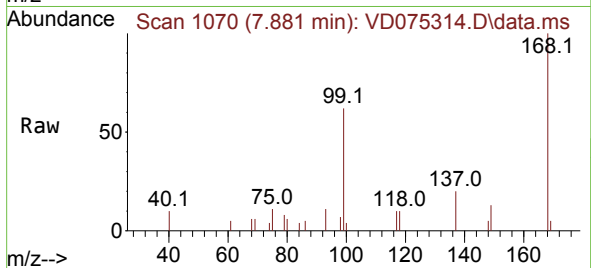
Lab File: VD075314.D

Acq: 10 Feb 2023 16:58

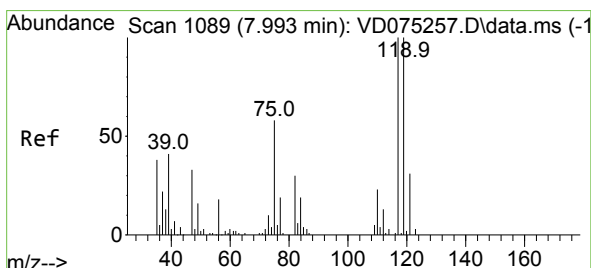
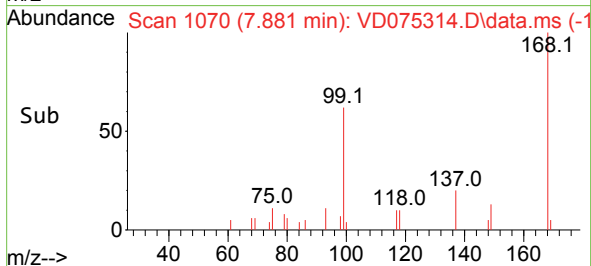
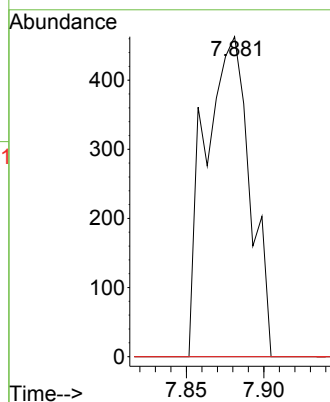
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 931
Ion Ratio	Lower Upper
75	100
110	0.0 18.1 54.4#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.409 ug/l

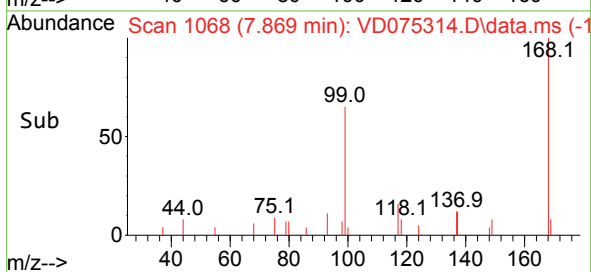
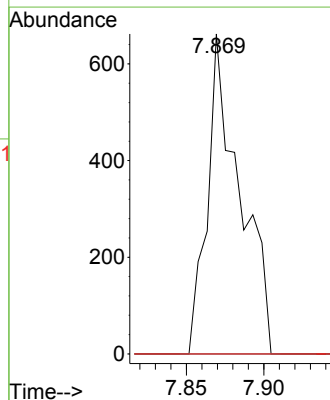
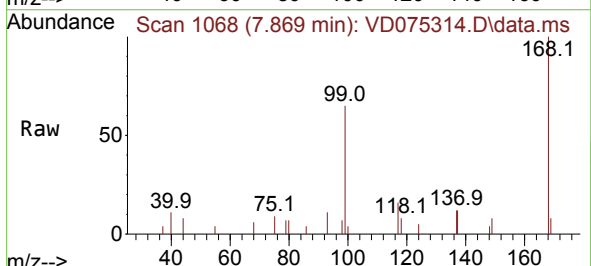
RT: 7.869 min Scan# 1068

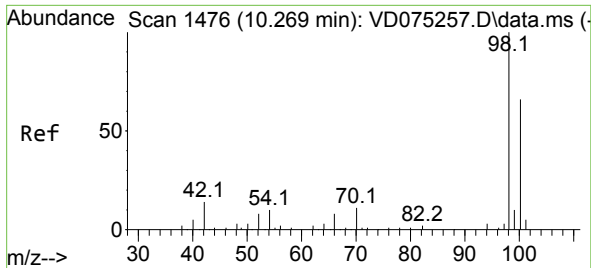
Delta R.T. -0.124 min

Lab File: VD075314.D

Acq: 10 Feb 2023 16:58

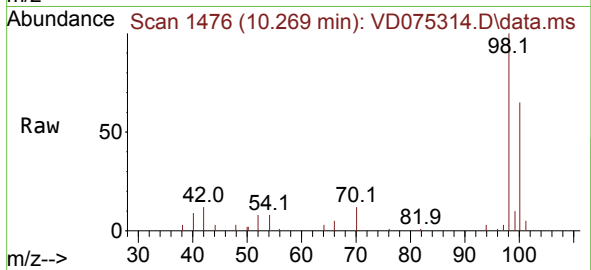
Tgt Ion: 117	Resp: 960
Ion Ratio	Lower Upper
117	100
119	0.0 73.6 110.4#
121	0.0 25.4 38.0#



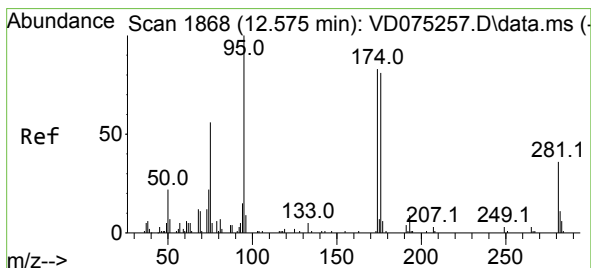
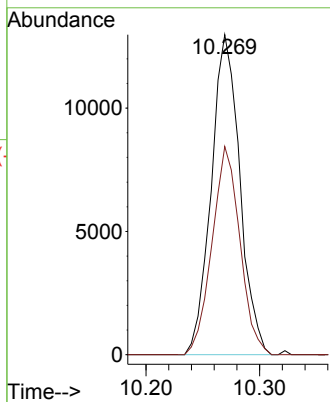
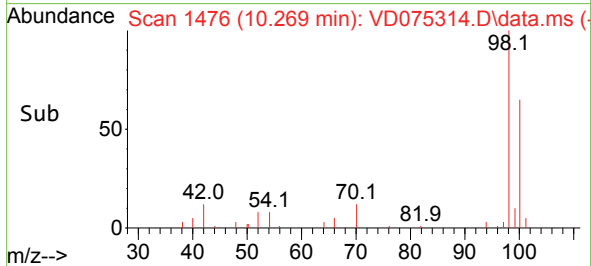


#50
Toluene-d8
Concen: 48.640 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58

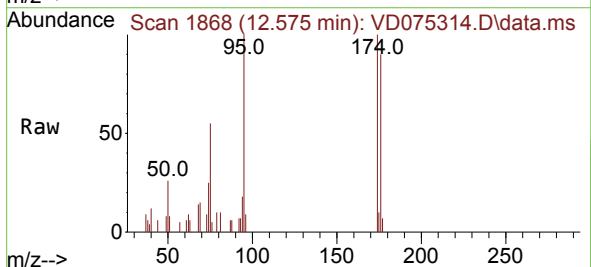
Instrument :
MSVOA_D
ClientSampleId :



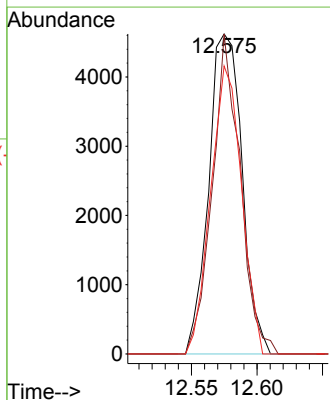
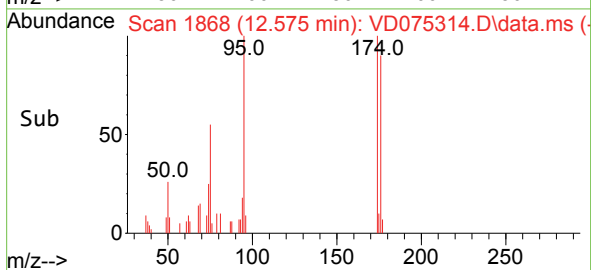
Tgt Ion: 98 Resp: 22679
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1

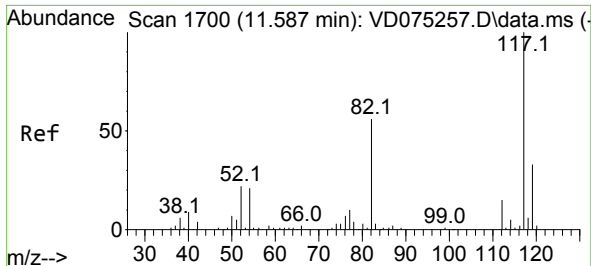


#62
4-Bromofluorobenzene
Concen: 53.153 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58



Tgt Ion: 95 Resp: 8172
Ion Ratio Lower Upper
95 100
174 83.7 0.0 161.2
176 83.2 0.0 160.2

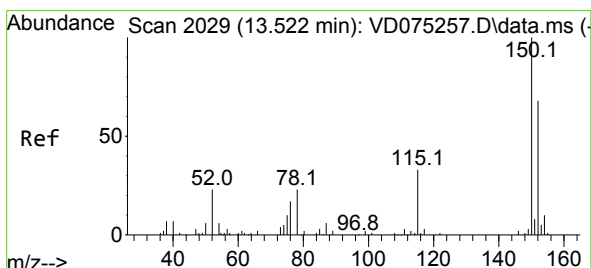
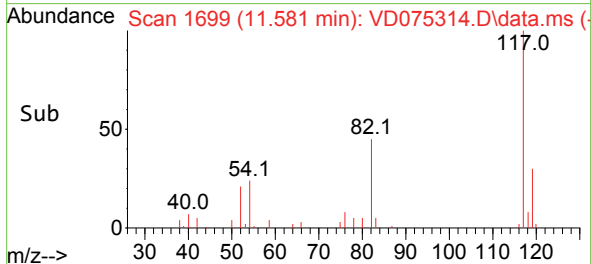
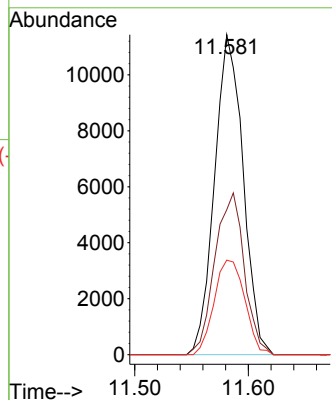
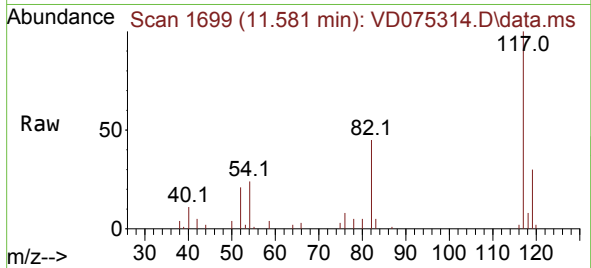




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58

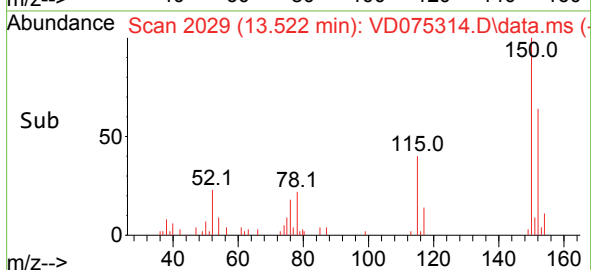
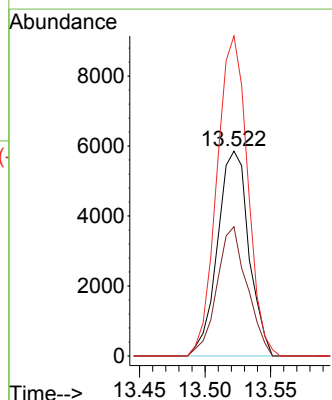
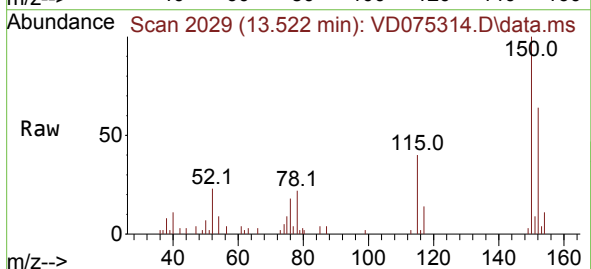
Instrument :
MSVOA_D
ClientSampleId :

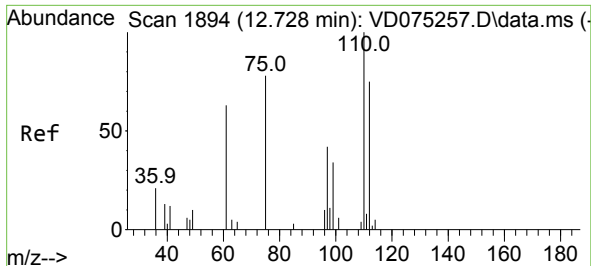
Tgt Ion:117 Resp: 19962
Ion Ratio Lower Upper
117 100
82 45.3 39.6 59.4
119 29.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58

Tgt Ion:152 Resp: 9730
Ion Ratio Lower Upper
152 100
115 60.8 28.8 86.4
150 152.8 0.0 348.6

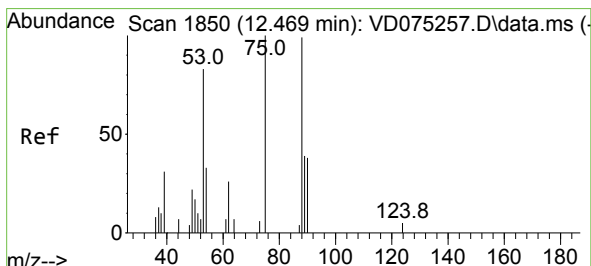
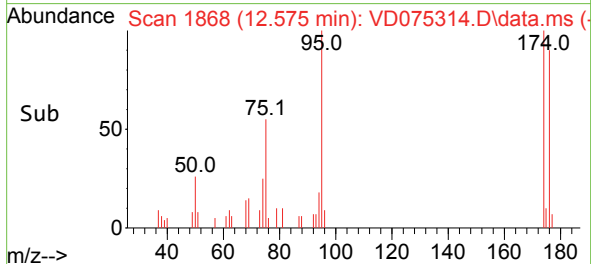
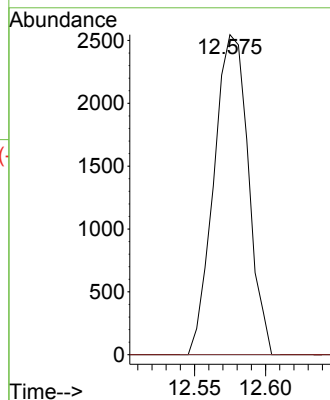
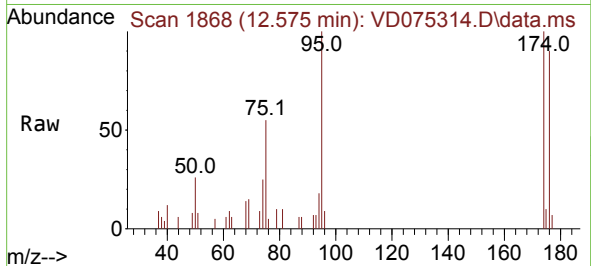




#76
1,2,3-Trichloropropane
Concen: 38.889 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58

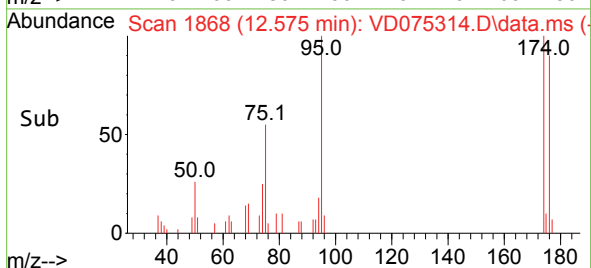
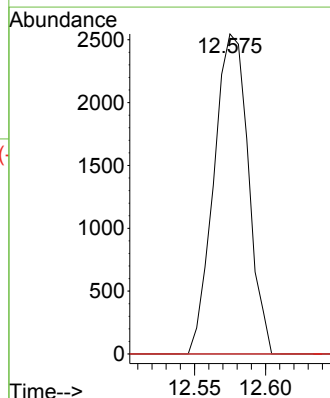
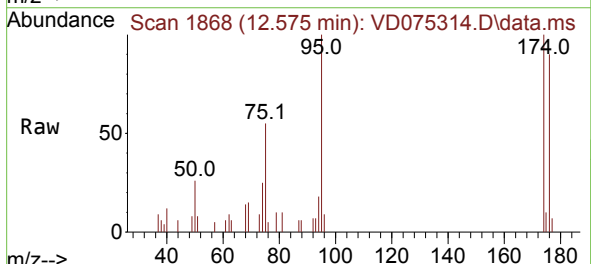
Instrument :
MSVOA_D
ClientSampleId :

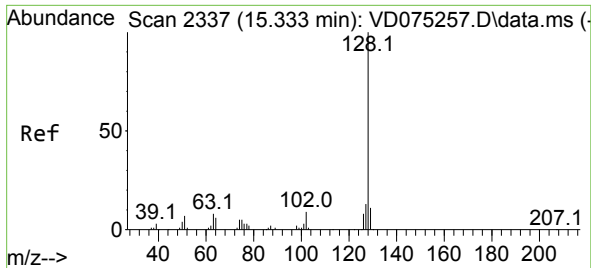
Tgt Ion: 75 Resp: 4298
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 123.041 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075314.D
Acq: 10 Feb 2023 16:58

Tgt Ion: 75 Resp: 4298
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#





#95

Naphthalene

Concen: 6.202 ug/l

RT: 15.340 min Scan# 21

Delta R.T. 0.007 min

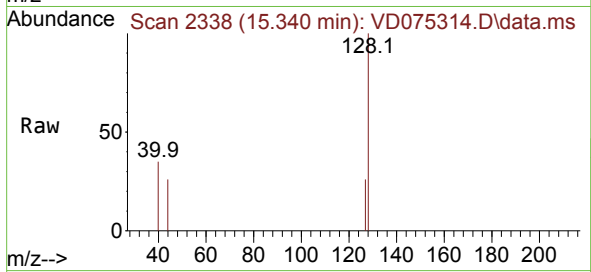
Lab File: VD075314.D

Acq: 10 Feb 2023 16:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 2263

Ion Ratio Lower Upper

128 100

127 5.3 10.6 15.8#

129 2.7 8.7 13.1#

