

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075313.D
 Acq On : 10 Feb 2023 16:30
 Operator : KP/SY
 Sample : 01526-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 10 23:41:09 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)

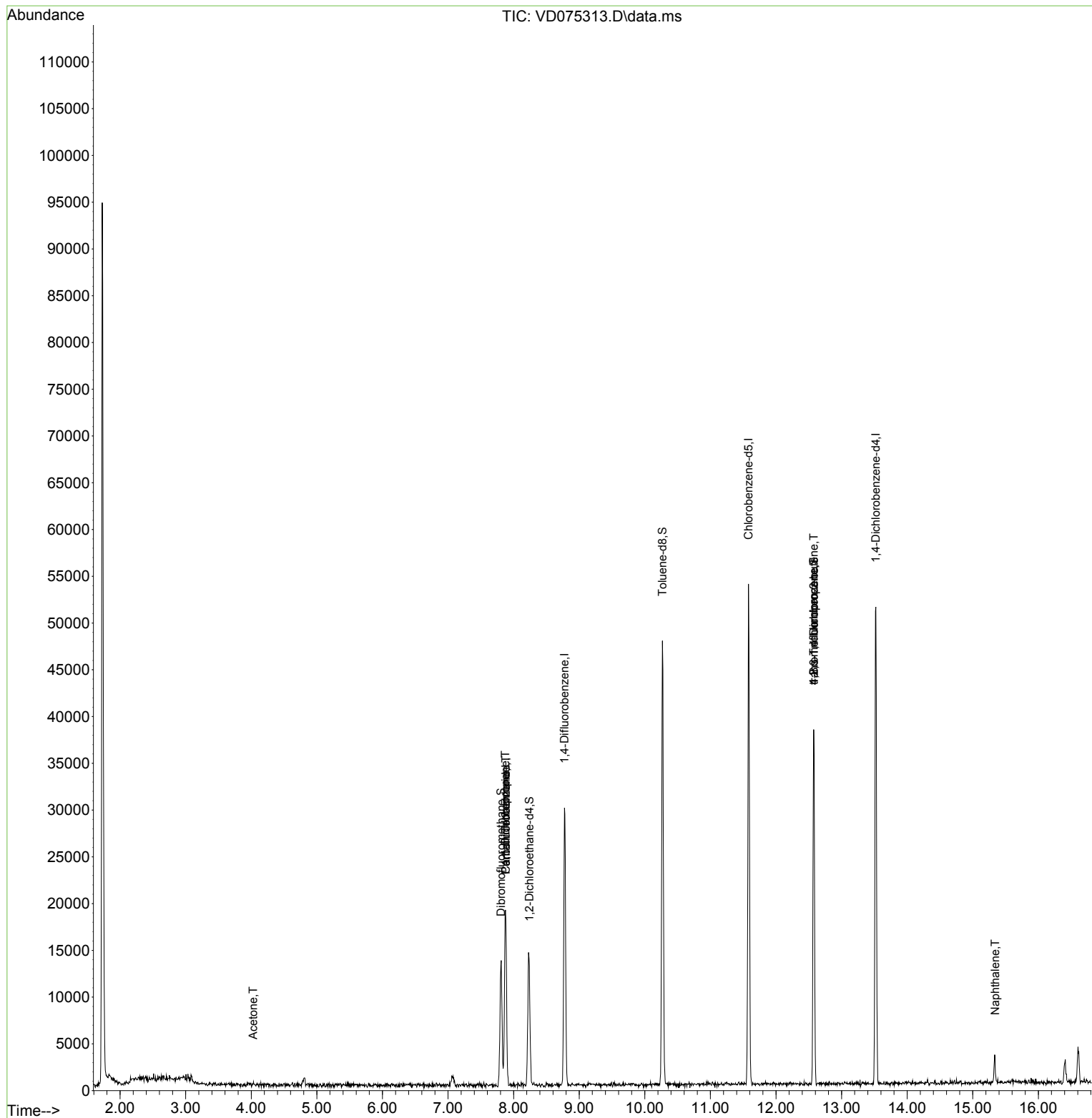
Internal Standards						
1) Pentafluorobenzene	7.881	168	14707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	25126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	27864	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	13818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	11397	66.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.180%	
35) Dibromofluoromethane	7.810	113	9464	53.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.440%	
50) Toluene-d8	10.269	98	32145	48.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.575	95	12345	56.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.060%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	109	2.390	ug/l #	42
20) Methylene Chloride	4.805	84	513	Below Cal	#	60
36) 1,1-Dichloropropene	7.875	75	1341	4.886	ug/l #	41
38) Carbon Tetrachloride	7.881	117	1414	5.560	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	6546	41.707	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	6546	131.803	ug/l #	14
95) Naphthalene	15.339	128	3286	6.341	ug/l #	81

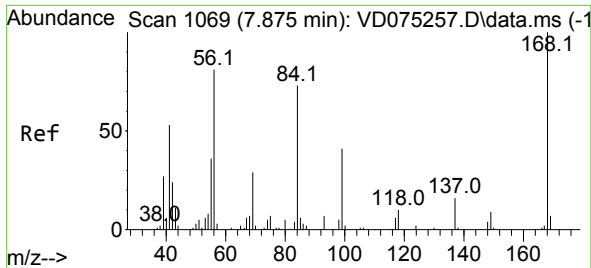
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

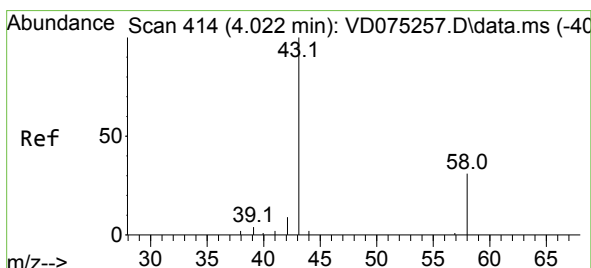
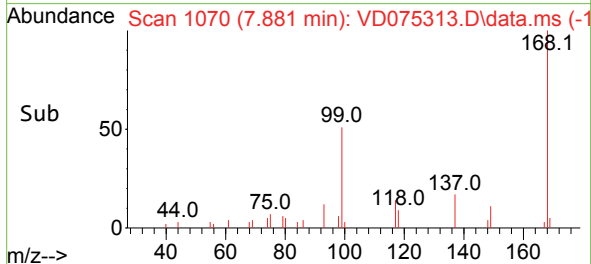
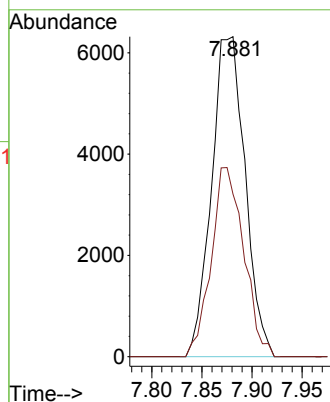
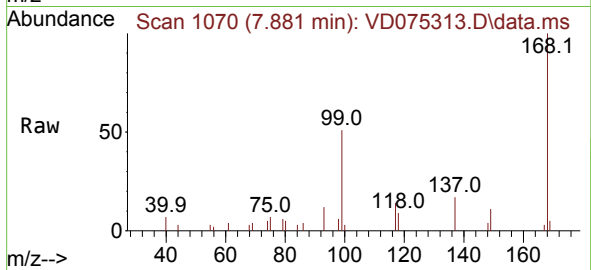




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

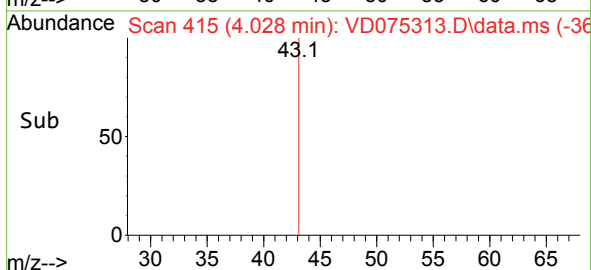
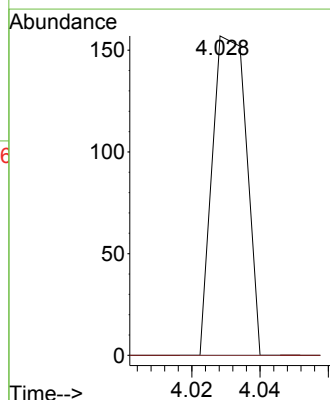
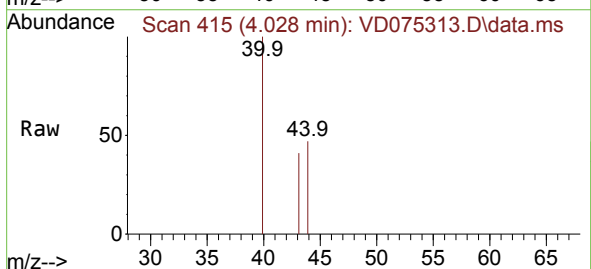
Instrument :
MSVOA_D
ClientSampleId :

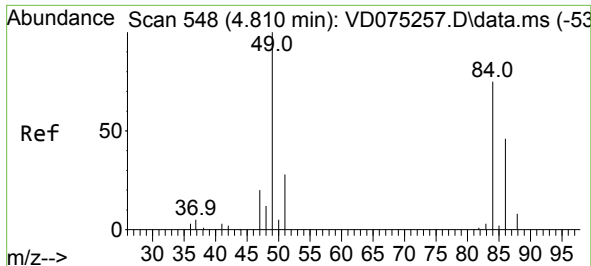
Tgt Ion:168 Resp: 14707
Ion Ratio Lower Upper
168 100
99 50.8 45.2 67.8



#16
Acetone
Concen: 2.390 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

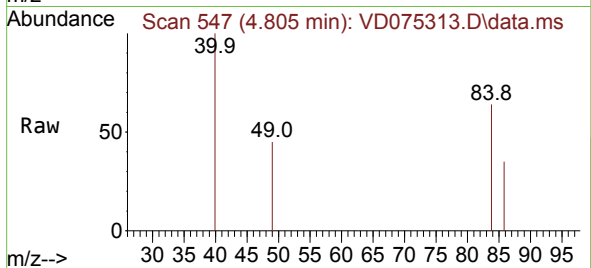
Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



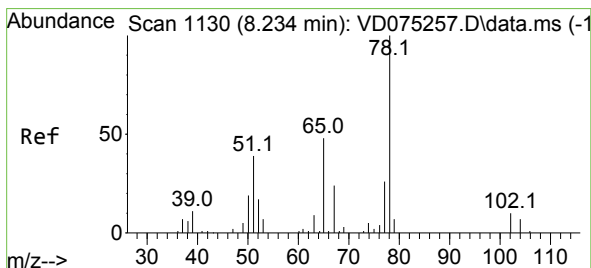
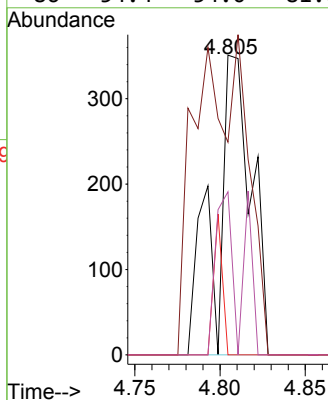
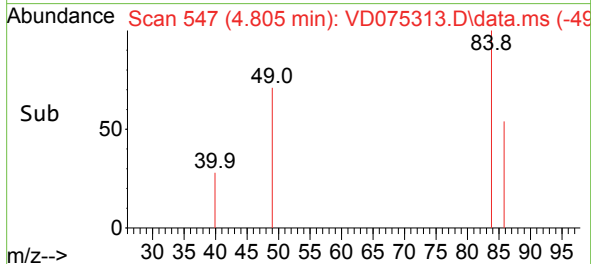


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

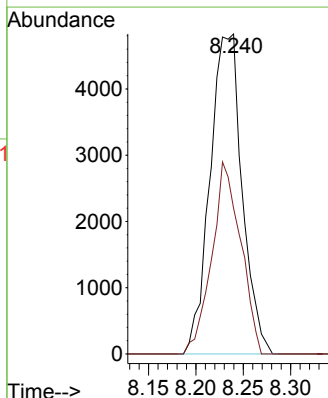
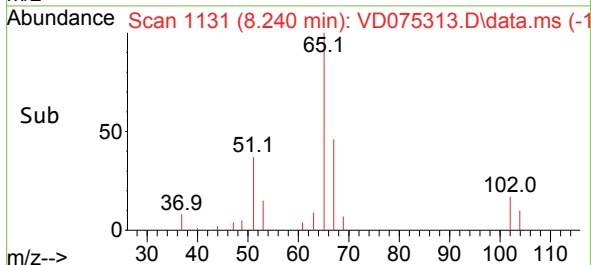
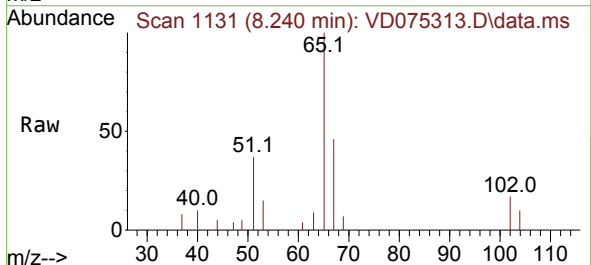


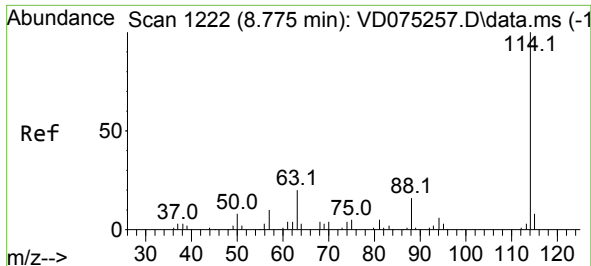
Tgt Ion: 84 Resp: 513
Ion Ratio Lower Upper
84 100
49 70.9 97.0 145.6#
51 0.0 30.9 46.3#
86 54.4 54.0 81.0



#33
1,2-Dichloroethane-d4
Concen: 66.088 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

Tgt Ion: 65 Resp: 11397
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075313.D

Acq: 10 Feb 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

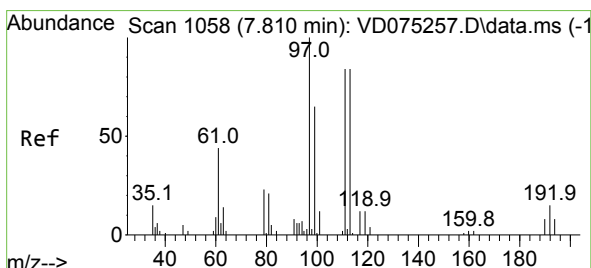
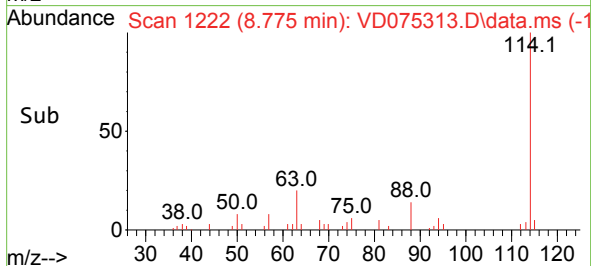
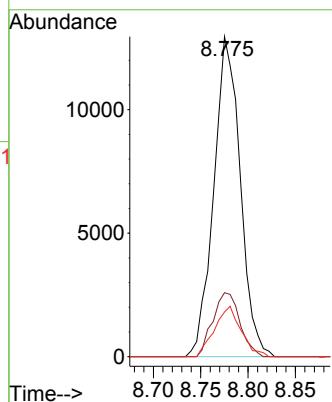
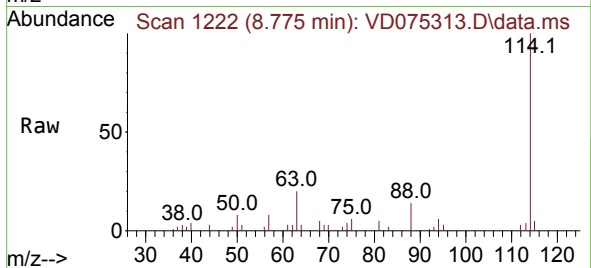
Tgt Ion:114 Resp: 25126

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 14.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.717 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075313.D

Acq: 10 Feb 2023 16:30

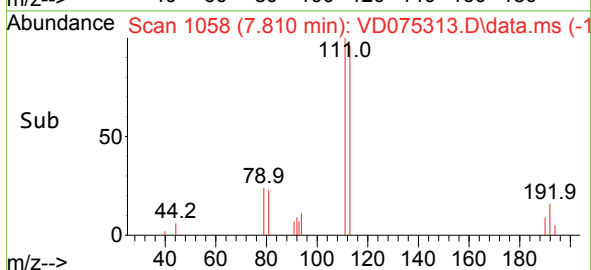
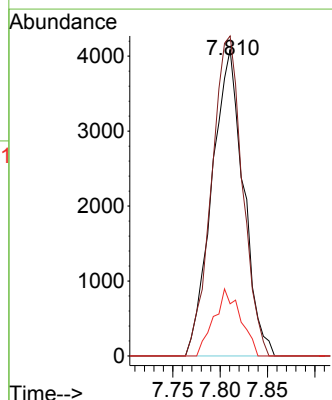
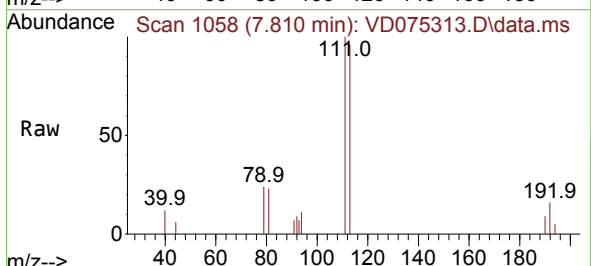
Tgt Ion:113 Resp: 9464

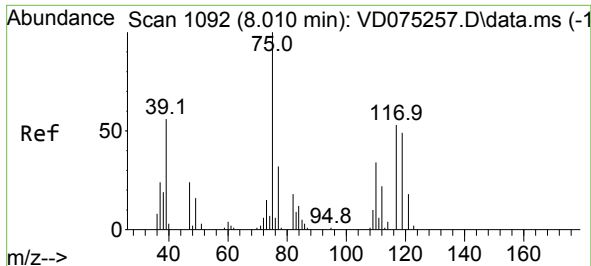
Ion Ratio Lower Upper

113 100

111 102.3 80.1 120.1

192 18.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

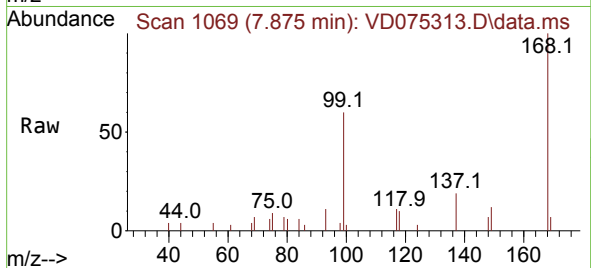
Lab File: VD075313.D

Acq: 10 Feb 2023 16:30

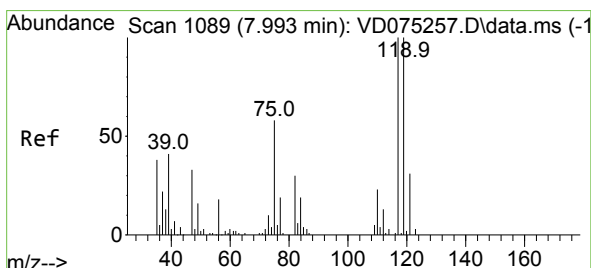
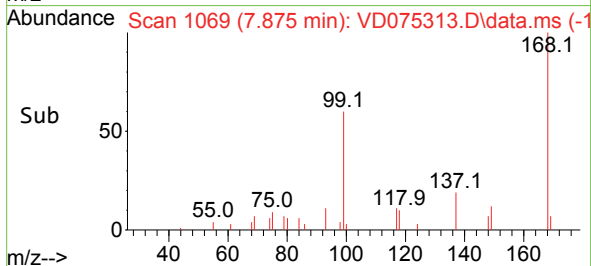
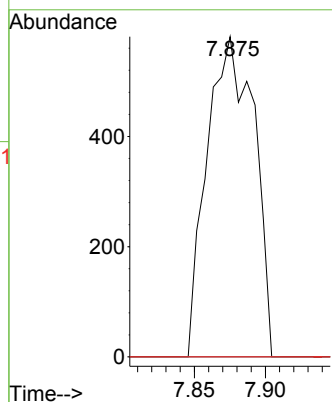
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 1341
Ion Ratio	Lower Upper
75	100
110	0.0 18.1 54.4#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.560 ug/l

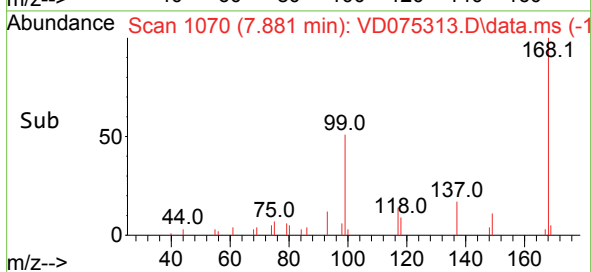
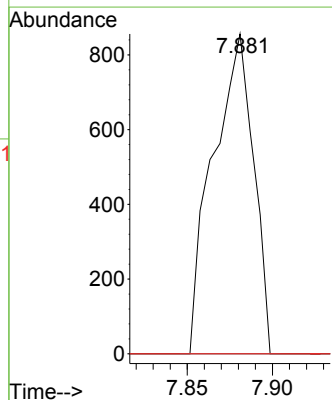
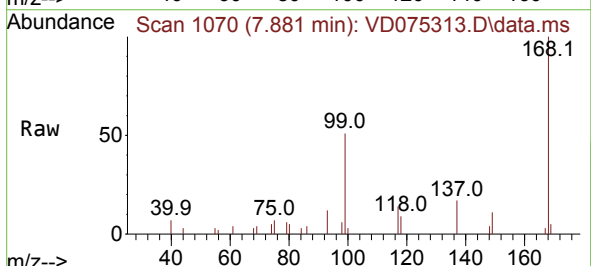
RT: 7.881 min Scan# 1070

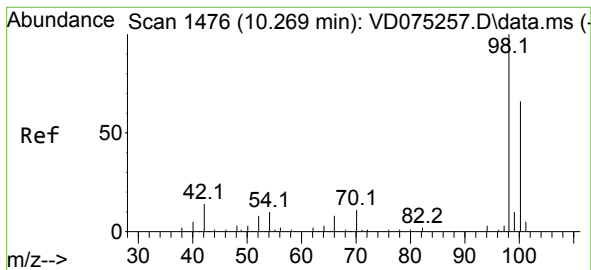
Delta R.T. -0.112 min

Lab File: VD075313.D

Acq: 10 Feb 2023 16:30

Tgt Ion: 117	Resp: 1414
Ion Ratio	Lower Upper
117	100
119	0.0 73.6 110.4#
121	0.0 25.4 38.0#

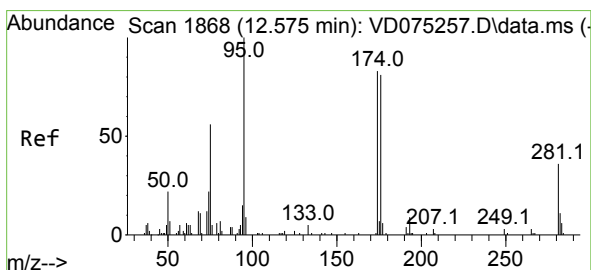
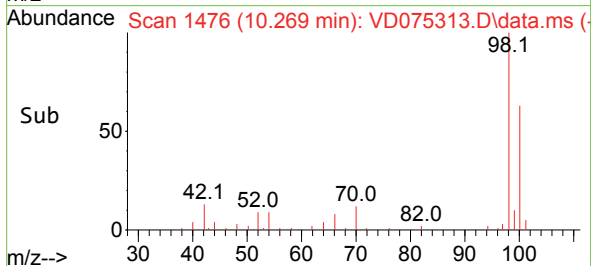
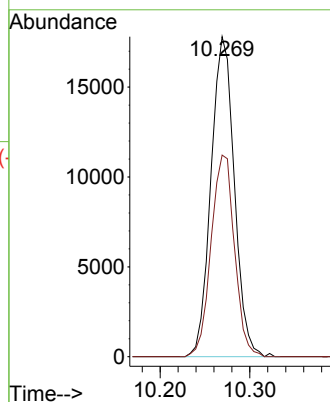
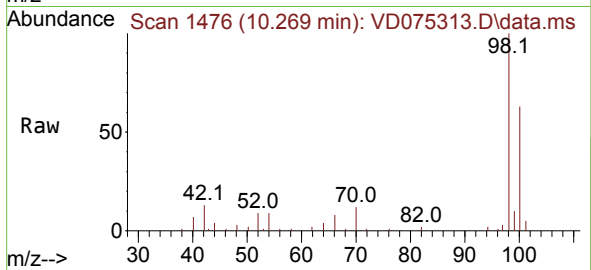




#50
Toluene-d8
Concen: 48.110 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

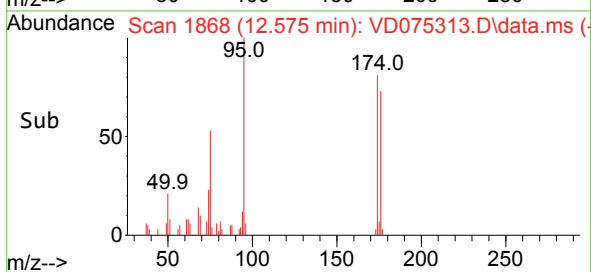
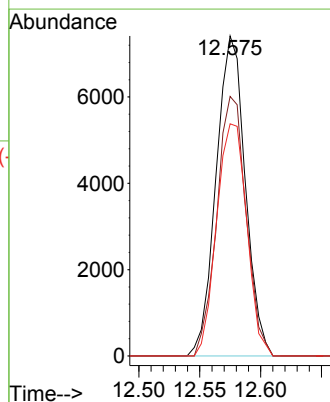
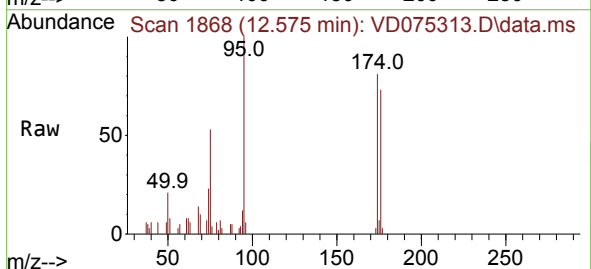
Instrument :
MSVOA_D
ClientSampleId :

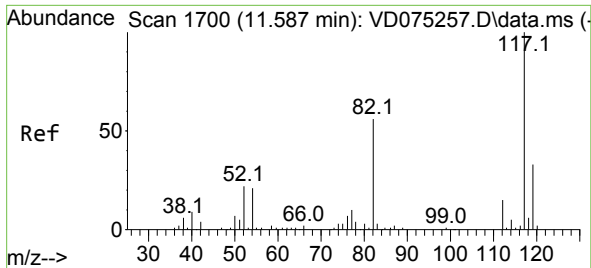
Tgt Ion: 98 Resp: 32145
Ion Ratio Lower Upper
98 100
100 63.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 56.034 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

Tgt Ion: 95 Resp: 12345
Ion Ratio Lower Upper
95 100
174 81.3 0.0 161.2
176 74.9 0.0 160.2

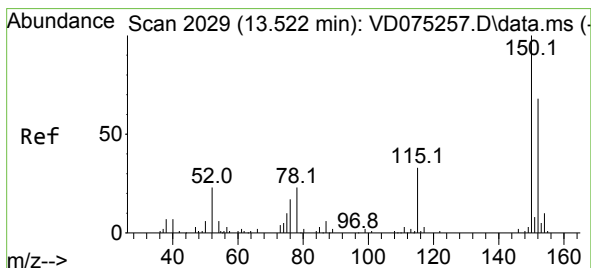
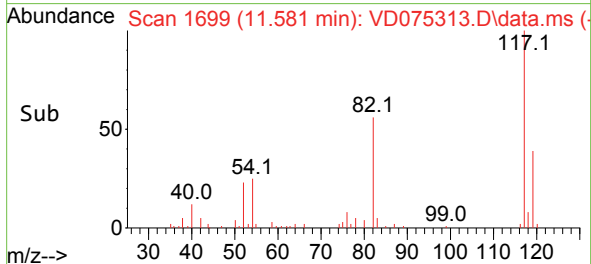
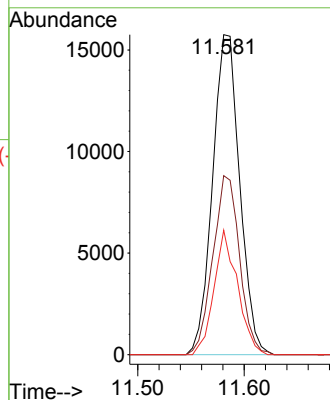
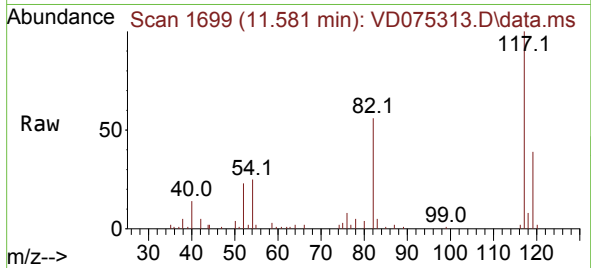




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

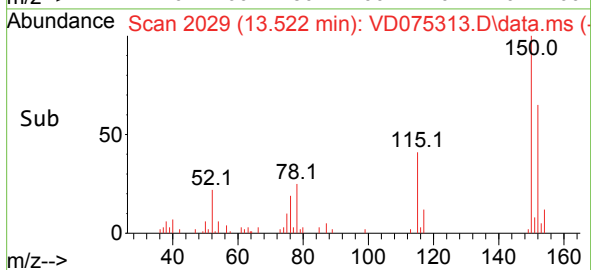
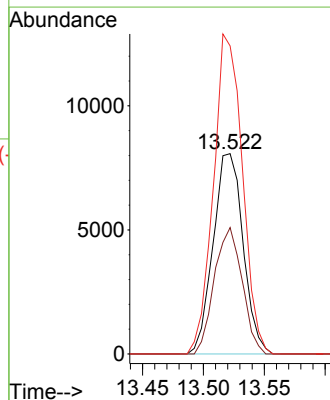
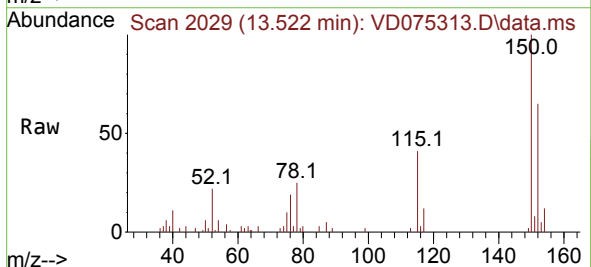
Instrument :
MSVOA_D
ClientSampleId :

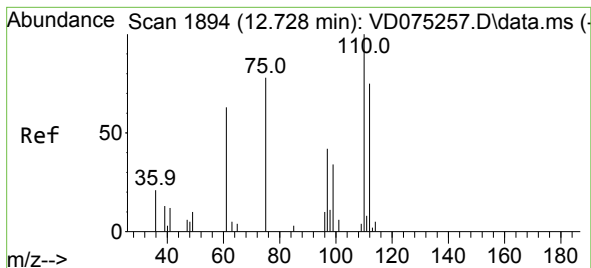
Tgt Ion:117 Resp: 27864
Ion Ratio Lower Upper
117 100
82 55.9 39.6 59.4
119 38.9 24.6 37.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

Tgt Ion:152 Resp: 13818
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.4
150 154.2 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 41.707 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075313.D

Acq: 10 Feb 2023 16:30

Instrument :

MSVOA_D

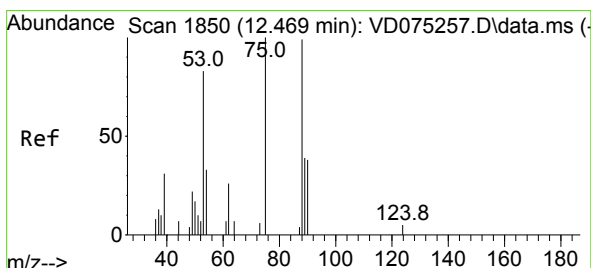
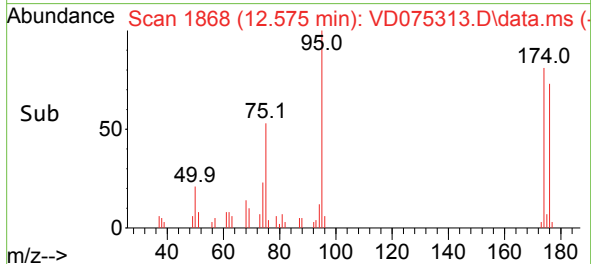
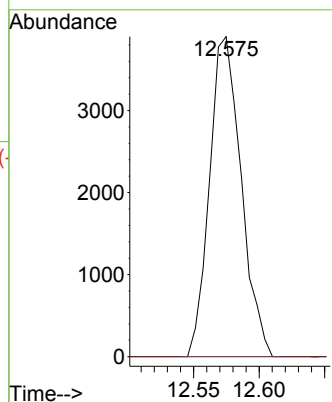
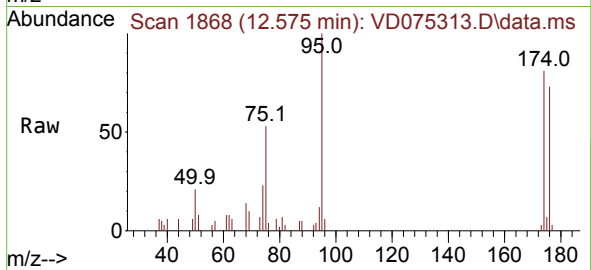
ClientSampleId :

Tgt Ion: 75 Resp: 6546

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 131.803 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD075313.D

Acq: 10 Feb 2023 16:30

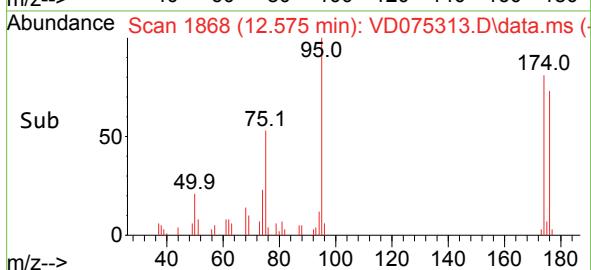
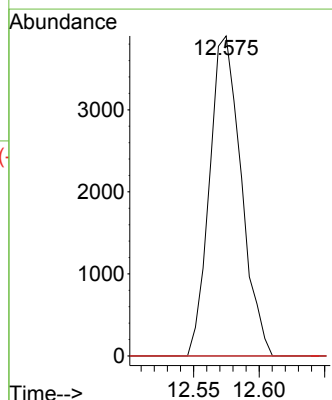
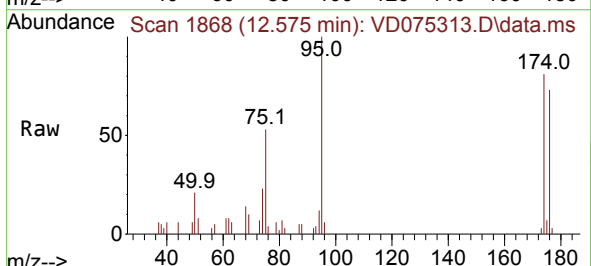
Tgt Ion: 75 Resp: 6546

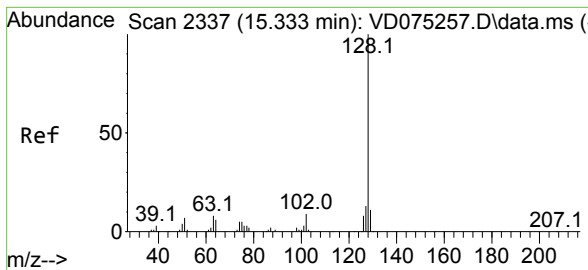
Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

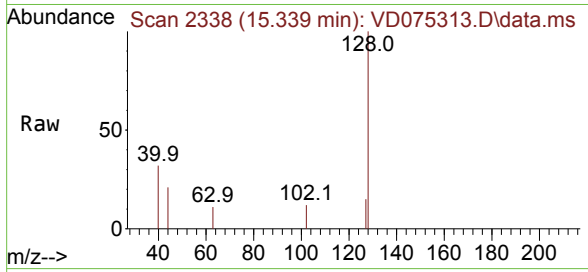
89 0.0 34.6 52.0#





#95
 Naphthalene
 Concen: 6.341 ug/l
 RT: 15.339 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075313.D
 Acq: 10 Feb 2023 16:30

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	3286
Ion	Ratio	Lower	Upper
128	100		
127	5.7	10.6	15.8#
129	3.5	8.7	13.1#

