

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075746.D
 Acq On : 19 Apr 2023 13:52
 Operator : KP/SY
 Sample : 02384-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 06:00:30 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)

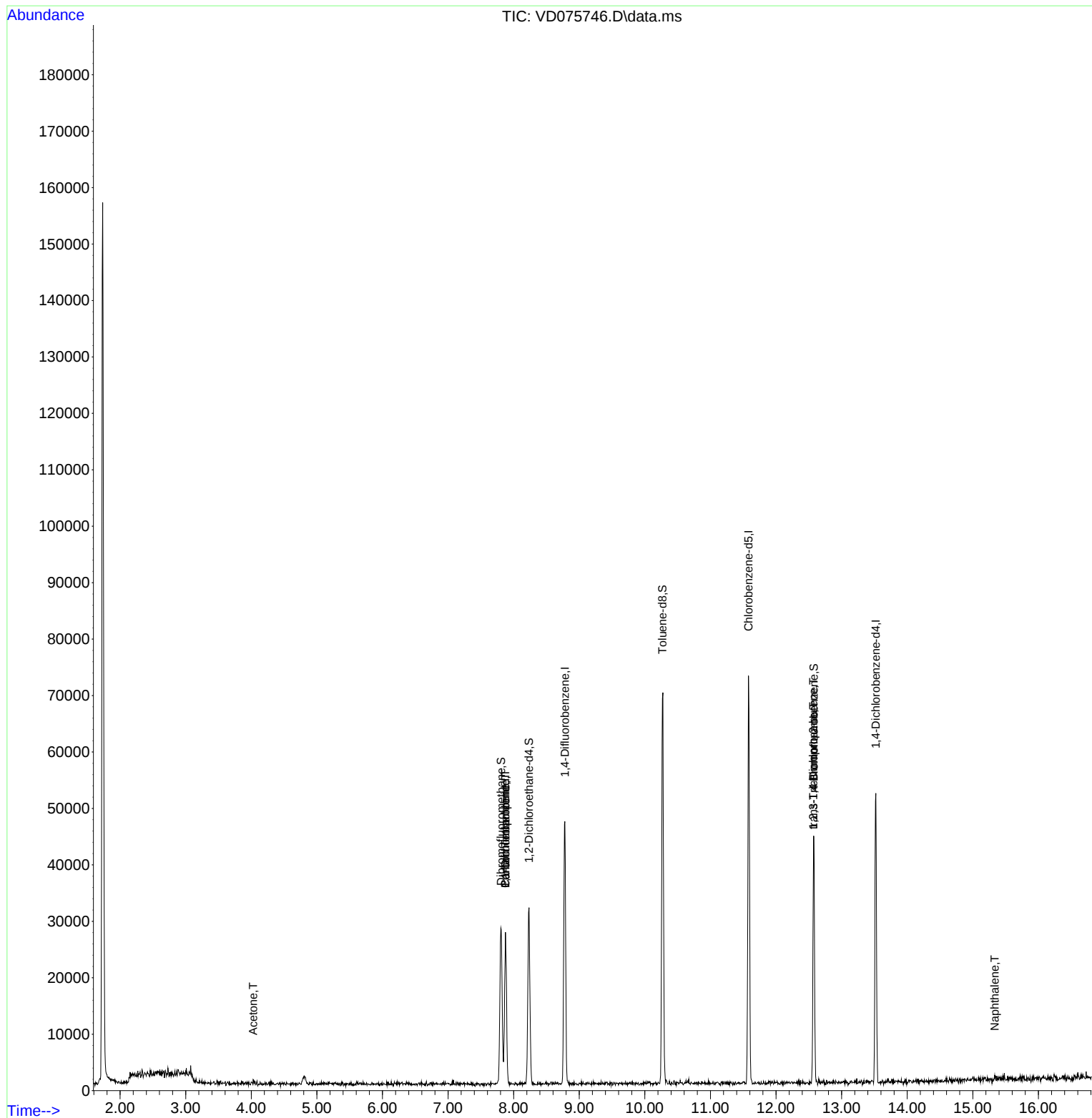
Internal Standards						
1) Pentafluorobenzene	7.875	168	21813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	47420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	47855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	15482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24367	117.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 235.380%#	
35) Dibromofluoromethane	7.810	113	21817	68.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.800%	
50) Toluene-d8	10.269	98	53600	41.965	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.940%	
62) 4-Bromofluorobenzene	12.575	95	14386	42.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	468	12.338	ug/l #	44
36) 1,1-Dichloropropene	7.875	75	1560	3.545	ug/l #	42
38) Carbon Tetrachloride	7.875	117	2056	5.306	ug/l #	13
76) 1,2,3-Trichloropropane	12.569	75	7027	55.657	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	7027	120.632	ug/l #	5
95) Naphthalene	15.333	128	801	1.557	ug/l #	69

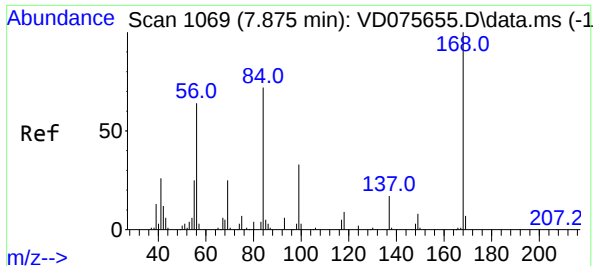
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

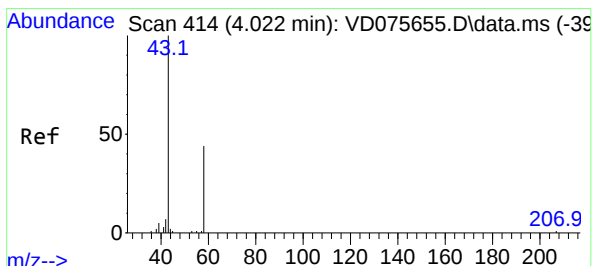
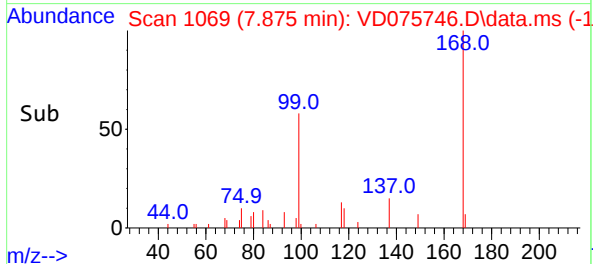
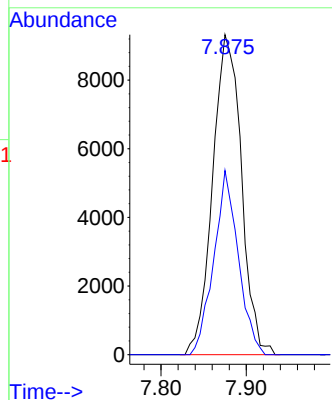
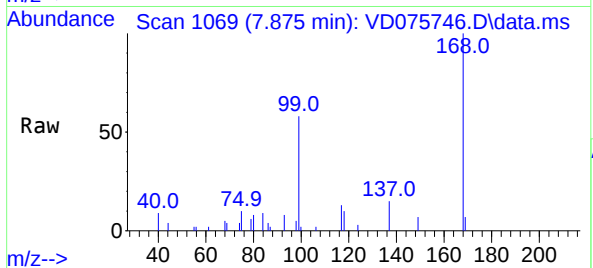




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

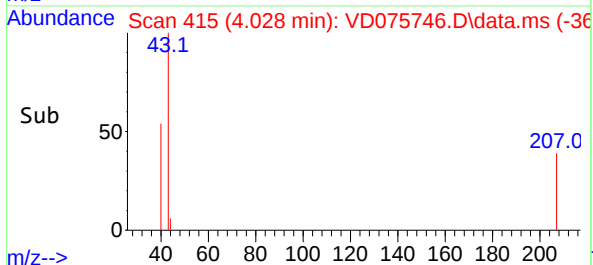
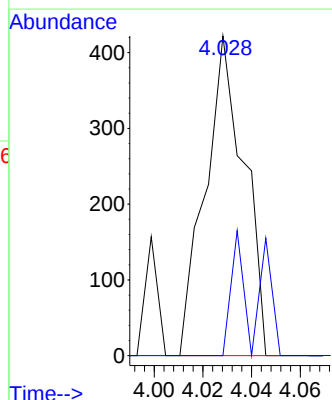
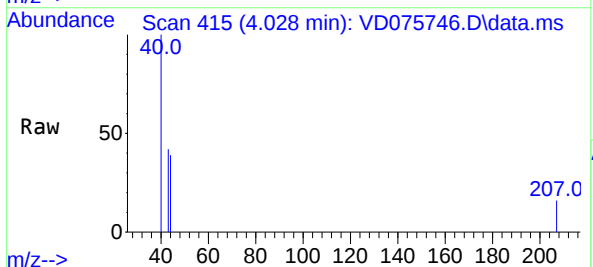
Instrument :
MSVOA_D
ClientSampleId :

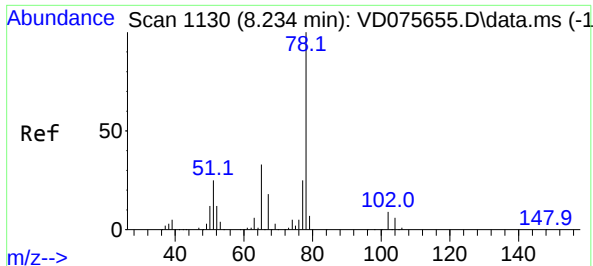
Tgt Ion:168 Resp: 21813
Ion Ratio Lower Upper
168 100
99 57.5 43.8 65.6



#16
Acetone
Concen: 12.338 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 117.688 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

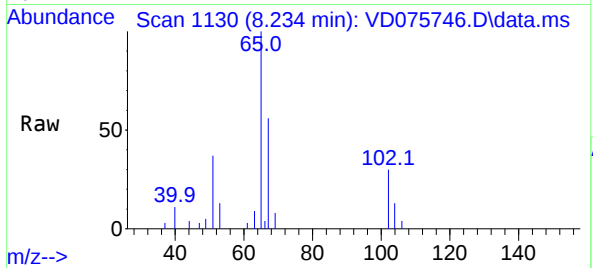
Lab File: VD075746.D

Acq: 19 Apr 2023 13:52

Instrument :

MSVOA_D

ClientSampleId :

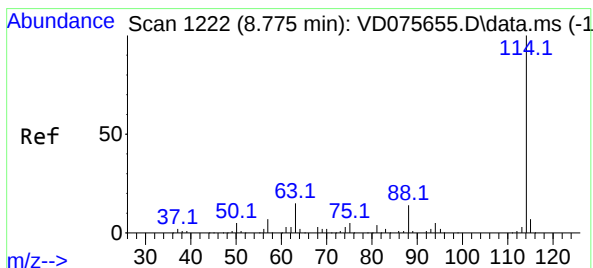
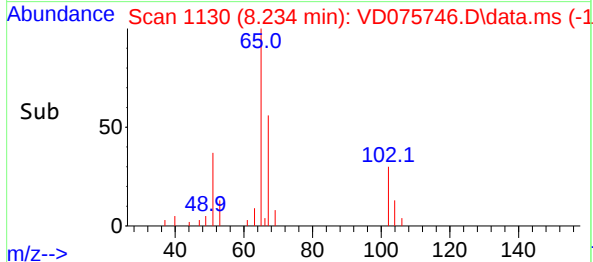
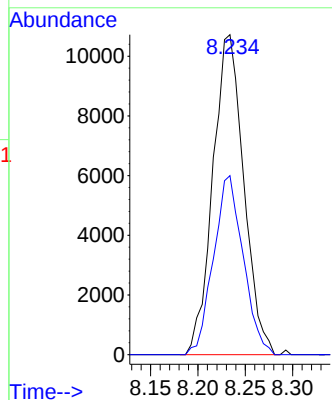


Tgt Ion: 65 Resp: 24367

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075746.D

Acq: 19 Apr 2023 13:52

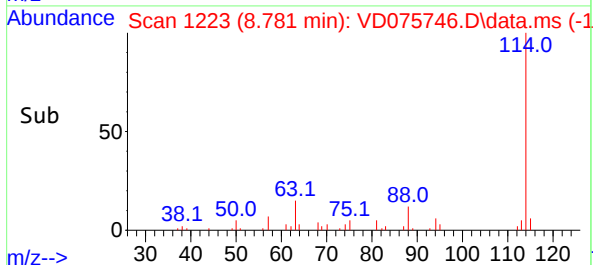
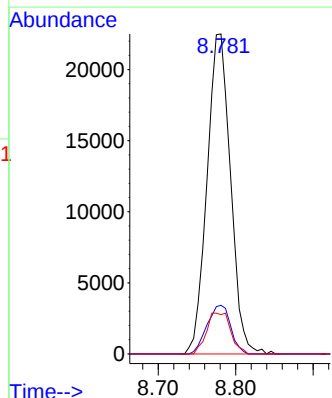
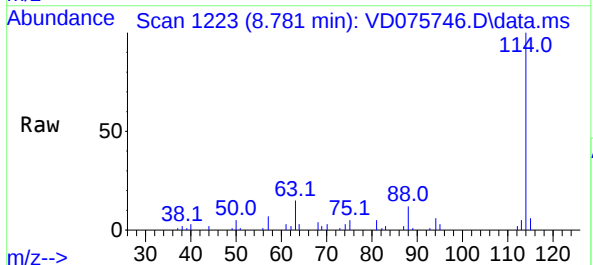
Tgt Ion: 114 Resp: 47420

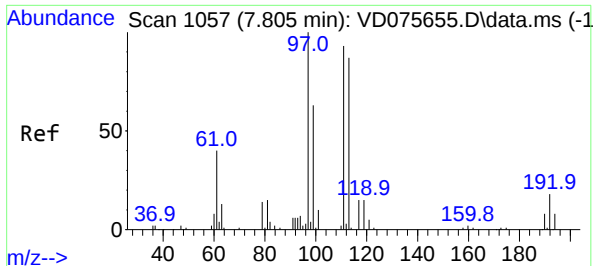
Ion Ratio Lower Upper

114 100

63 15.2 0.0 41.6

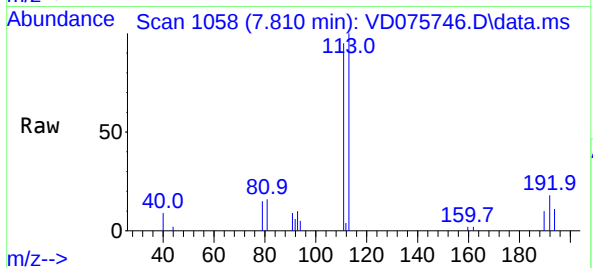
88 12.3 0.0 30.6



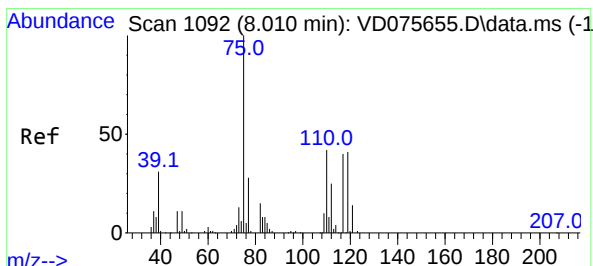
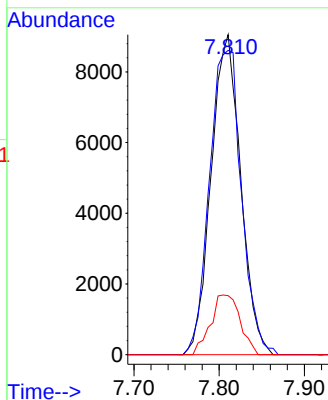
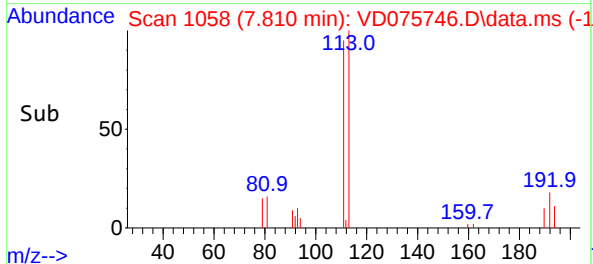


#35
Dibromofluoromethane
Concen: 68.403 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

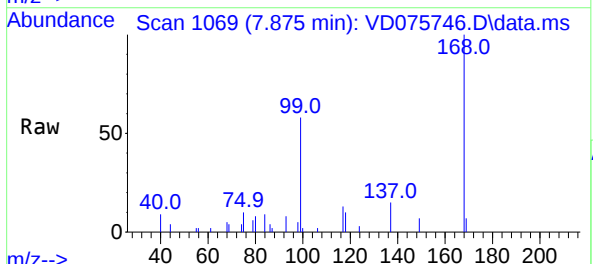
Instrument :
MSVOA_D
ClientSampleId :



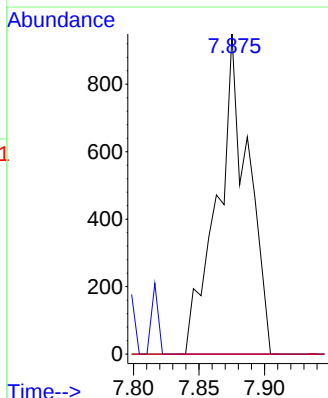
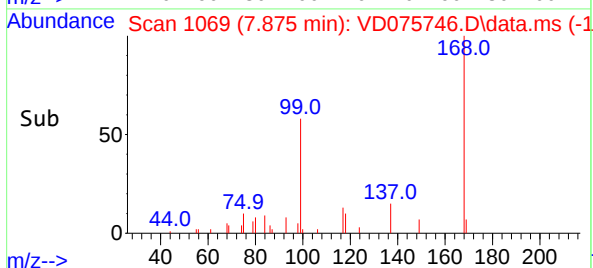
Tgt Ion:113 Resp: 21817
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.6 15.2 22.8

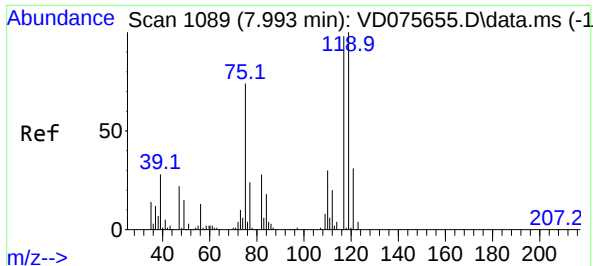


#36
1,1-Dichloropropene
Concen: 3.545 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52



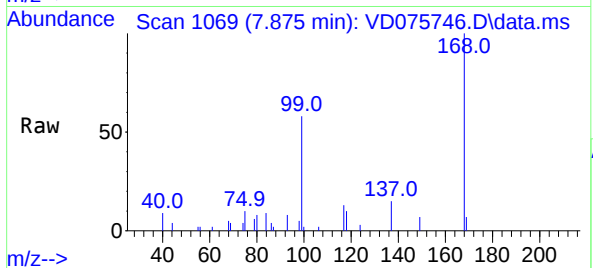
Tgt Ion: 75 Resp: 1560
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.6 36.8#



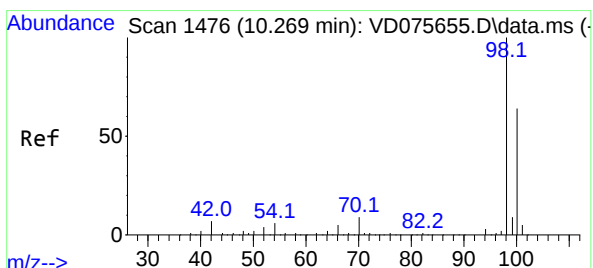
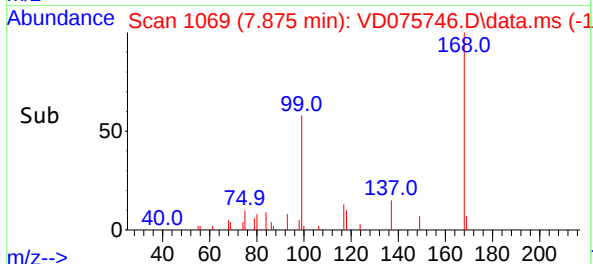
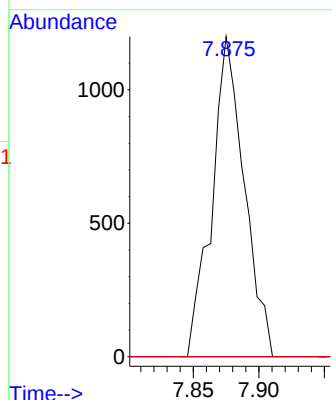


#38
Carbon Tetrachloride
Concen: 5.306 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Instrument :
MSVOA_D
ClientSampleId :

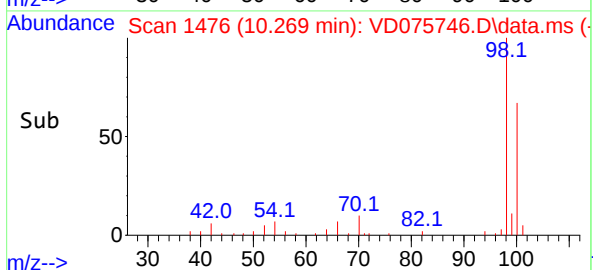
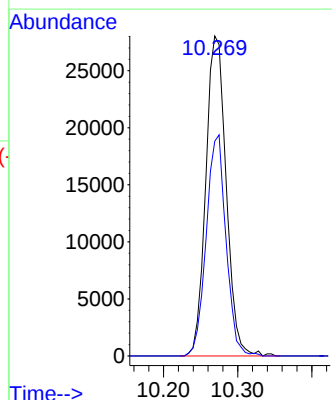
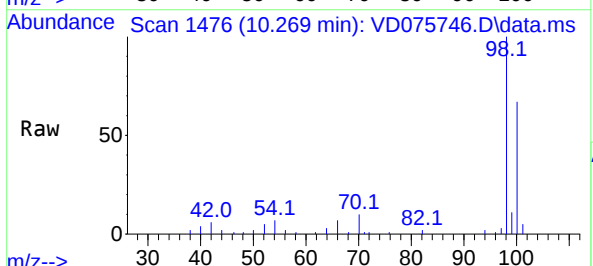


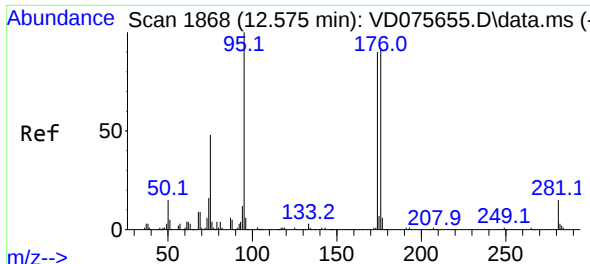
Tgt Ion:117 Resp: 2056
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 41.965 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

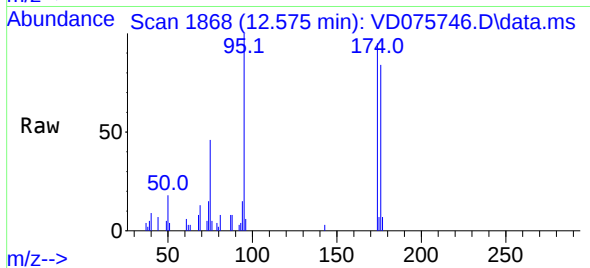
Tgt Ion: 98 Resp: 53600
Ion Ratio Lower Upper
98 100
100 67.0 52.1 78.1



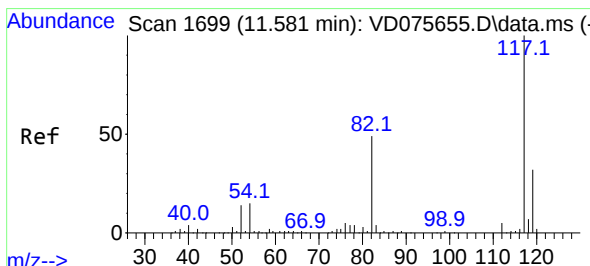
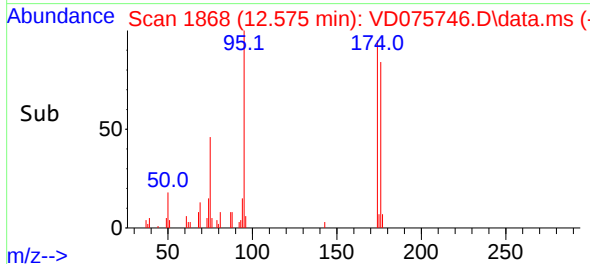
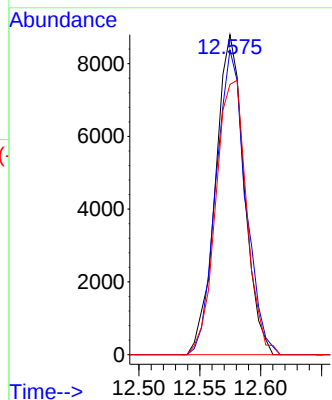


#62
4-Bromofluorobenzene
Concen: 42.375 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Instrument :
MSVOA_D
ClientSampleId :

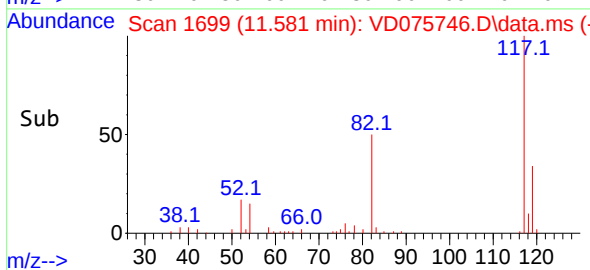
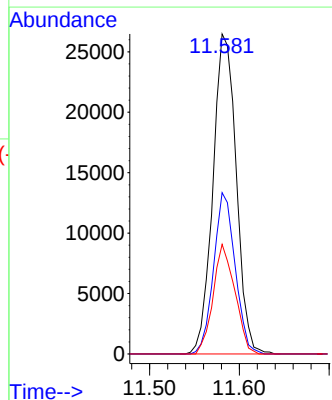
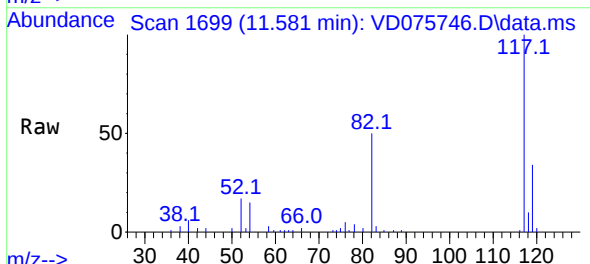


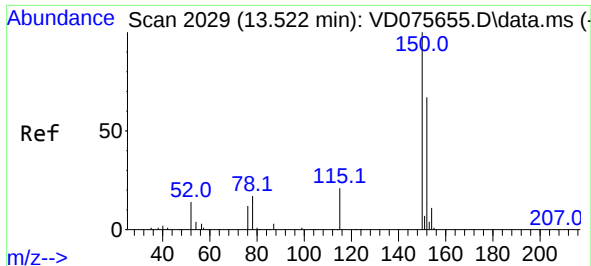
Tgt Ion: 95 Resp: 14386
Ion Ratio Lower Upper
95 100
174 98.0 0.0 164.0
176 92.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

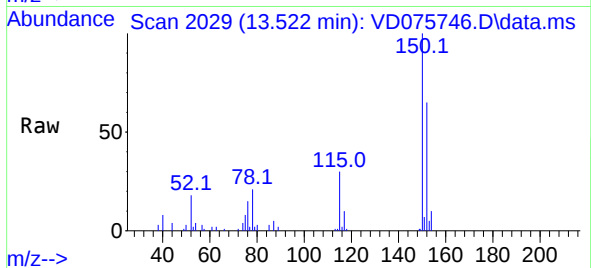
Tgt Ion: 117 Resp: 47855
Ion Ratio Lower Upper
117 100
82 50.4 44.0 66.0
119 34.3 25.1 37.7



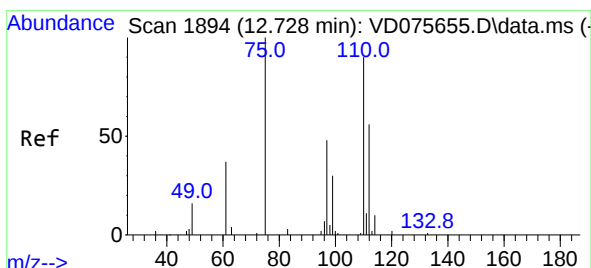
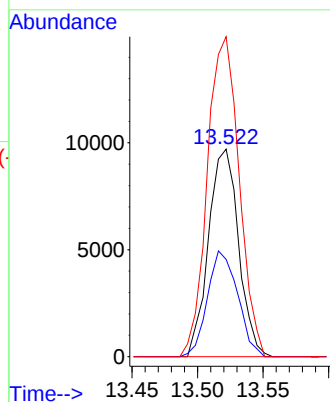
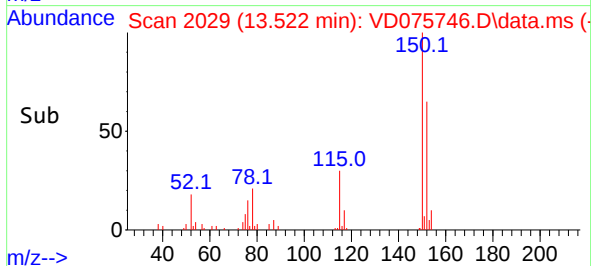


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Instrument :
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ClientSampleId :

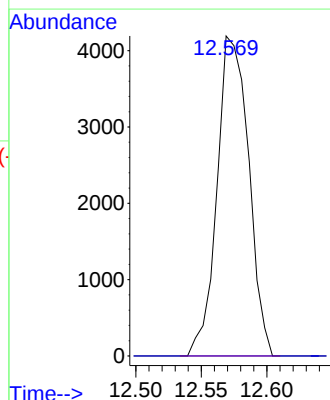
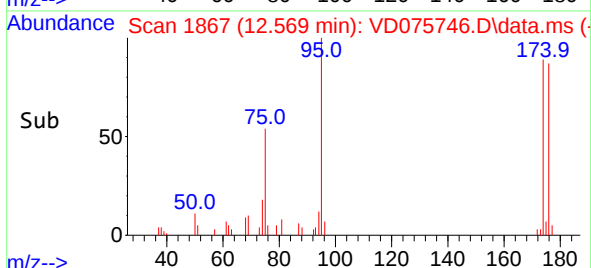
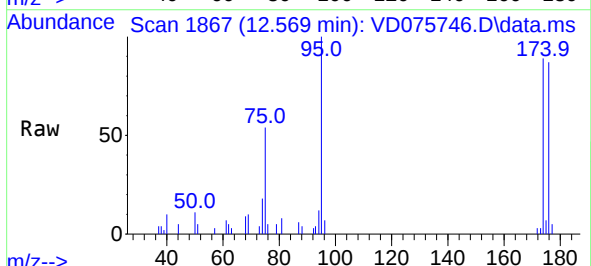


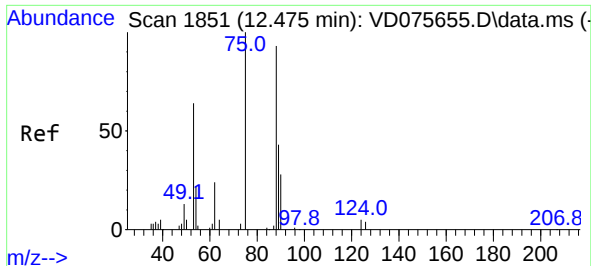
Tgt Ion:152 Resp: 15482
Ion Ratio Lower Upper
152 100
115 51.1 30.1 90.3
150 163.0 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 55.657 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

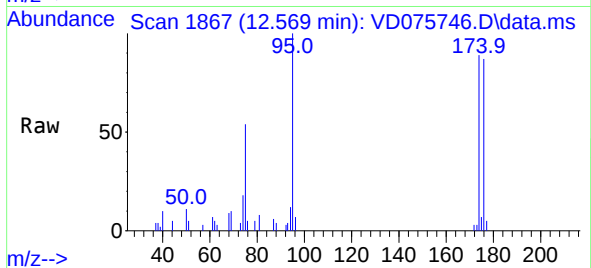
Tgt Ion: 75 Resp: 7027
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



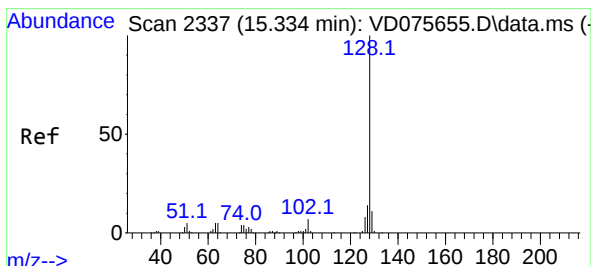
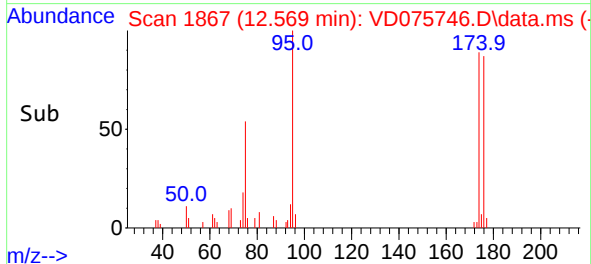
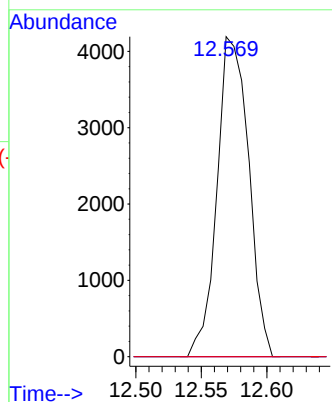


#81
trans-1,4-Dichloro-2-butene
Concen: 120.632 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.094 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 7027
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#95
Naphthalene
Concen: 1.557 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Tgt Ion: 128 Resp: 801
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

