

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011123\
 Data File : VD075118.D
 Acq On : 11 Jan 2023 12:07
 Operator : KP/SY
 Sample : 01094-03RE
 Misc : 6.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-BRE

Quant Time: Jan 12 04:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

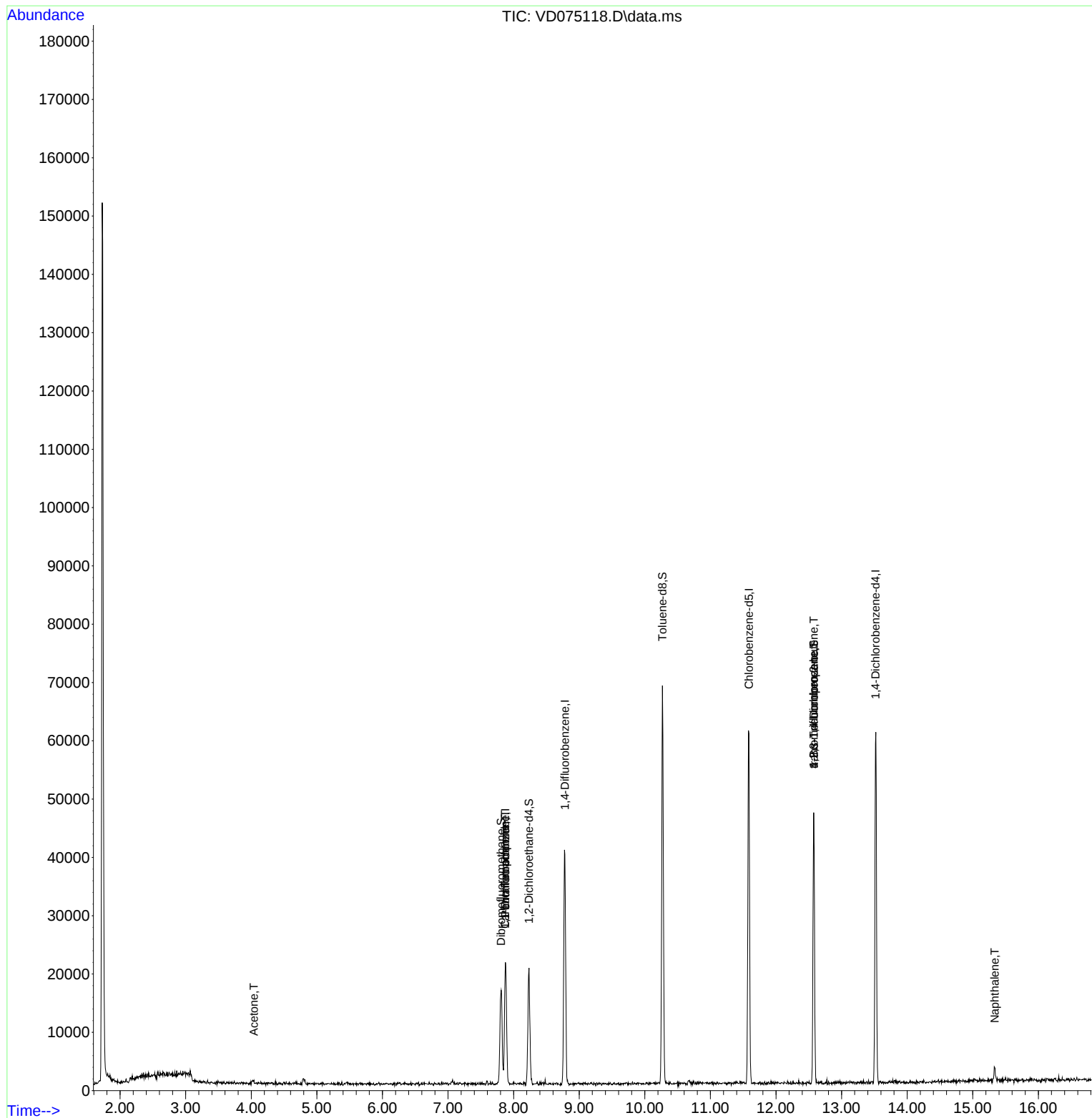
Internal Standards						
1) Pentafluorobenzene	7.875	168	15940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	35531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	35516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	14297	89.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.920%#	
35) Dibromofluoromethane	7.810	113	12575	56.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.520%	
50) Toluene-d8	10.269	98	45760	51.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.575	95	16730	58.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.158	50	58	Below Cal	#	43
5) Bromomethane	2.687	94	65	Below Cal		88
16) Acetone	4.040	43	673	17.774	ug/l #	39
20) Methylene Chloride	4.793	84	336	Below Cal	#	78
31) Cyclohexane	7.887	56	298	Below Cal	#	18
36) 1,1-Dichloropropene	7.869	75	1363	4.929	ug/l #	40
38) Carbon Tetrachloride	7.869	117	1565	6.460	ug/l #	12
76) 1,2,3-Trichloropropane	12.575	75	8197	51.907	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	8197	137.852	ug/l #	15
95) Naphthalene	15.334	128	2994	4.885	ug/l #	85

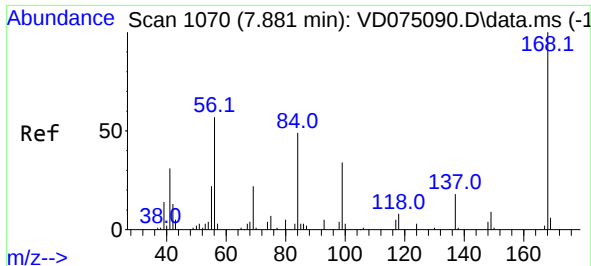
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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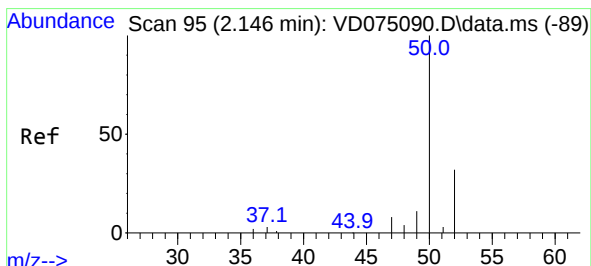
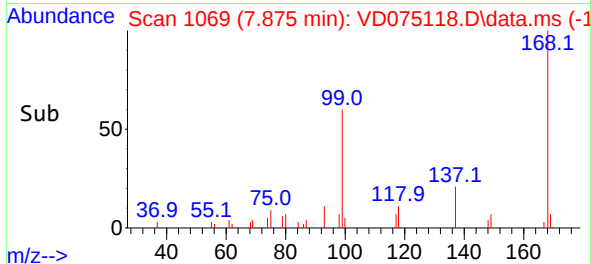
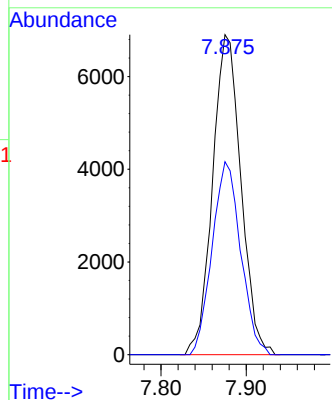
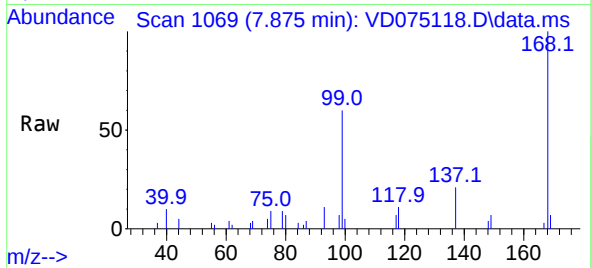




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

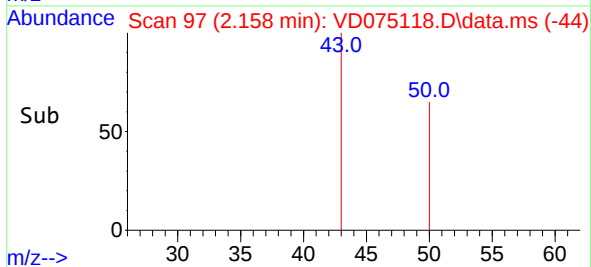
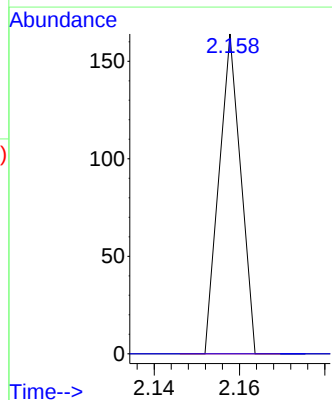
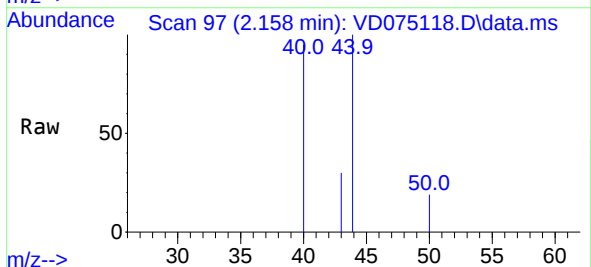
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-BRE

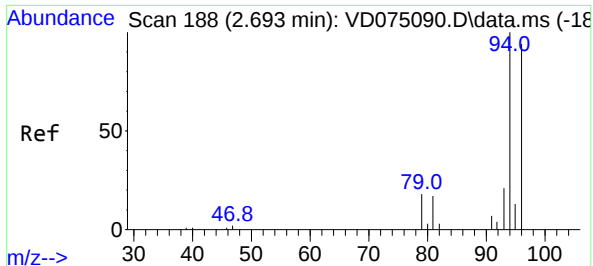
Tgt Ion:168 Resp: 15940
Ion Ratio Lower Upper
168 100
99 60.3 43.2 64.8



#3
Chloromethane
Concen: Below Cal
RT: 2.158 min Scan# 97
Delta R.T. 0.012 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Tgt Ion: 50 Resp: 58
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

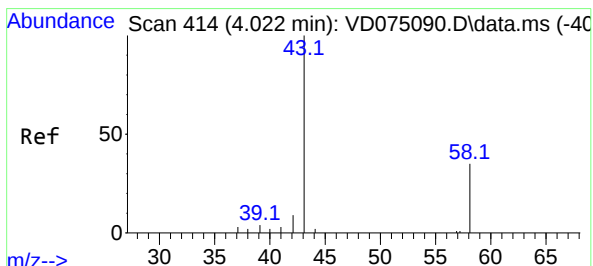
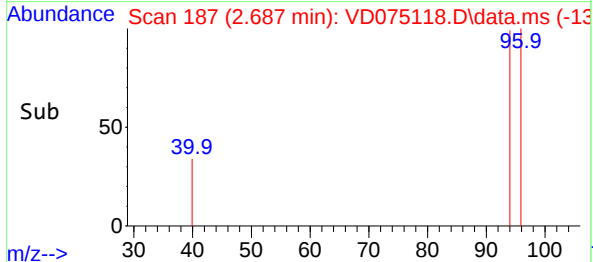
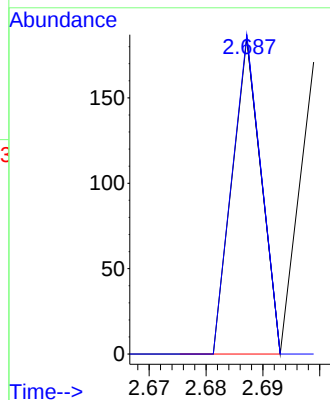
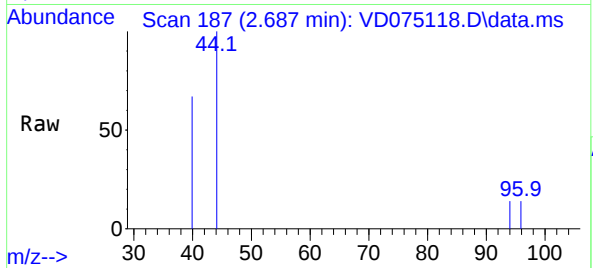




#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

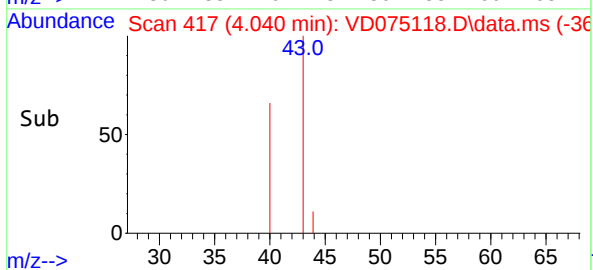
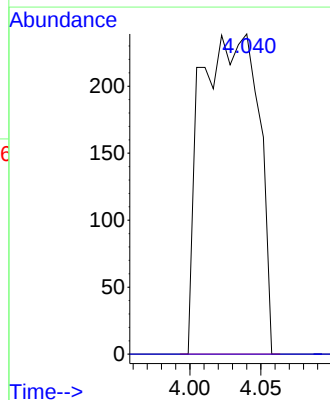
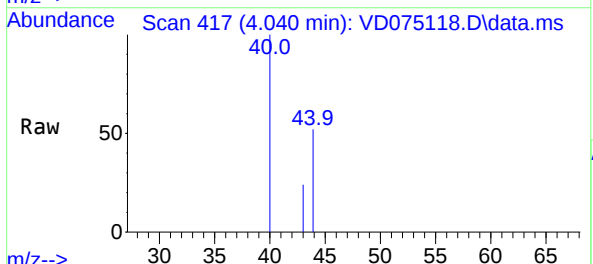
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-BRE

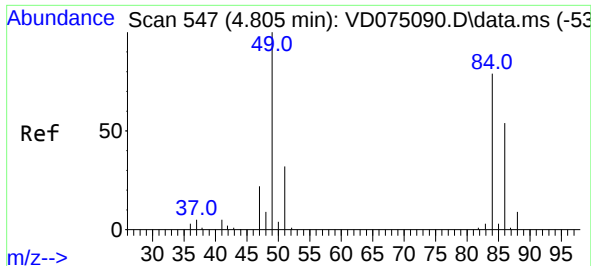
Tgt Ion: 94 Resp: 65
Ion Ratio Lower Upper
94 100
96 101.5 72.5 108.7



#16
Acetone
Concen: 17.774 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.018 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#



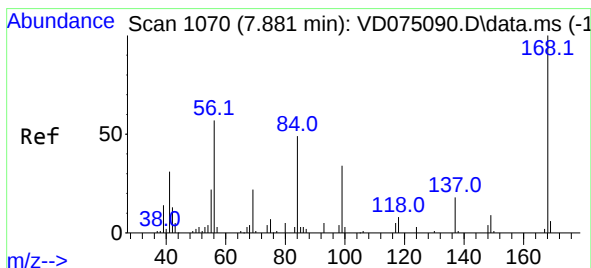
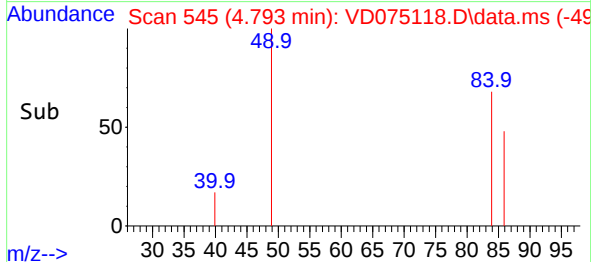
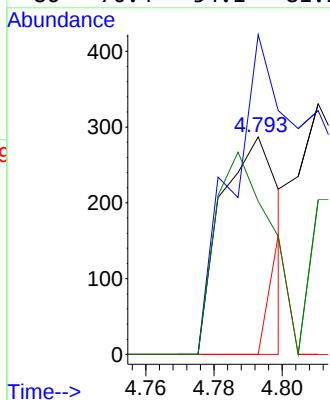
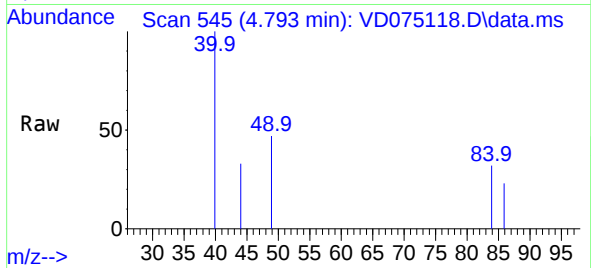


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-BRE

Tgt Ion: 84 Resp: 336

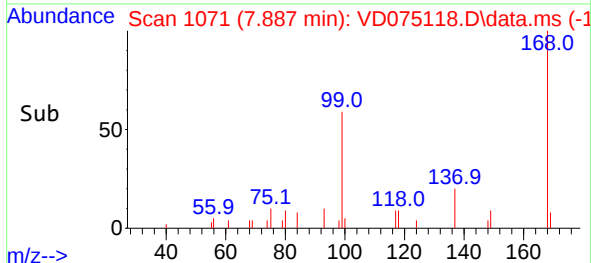
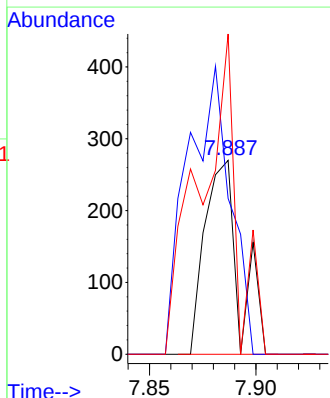
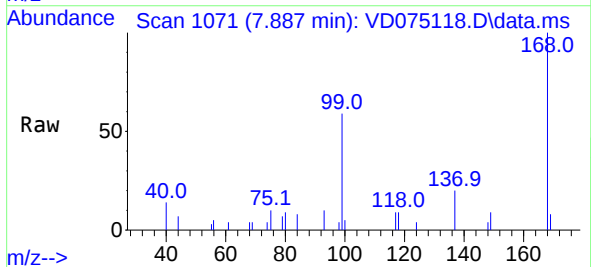
Ion	Ratio	Lower	Upper
84	100		
49	147.0	100.6	151.0
51	0.0	31.8	47.8#
86	70.4	54.1	81.1

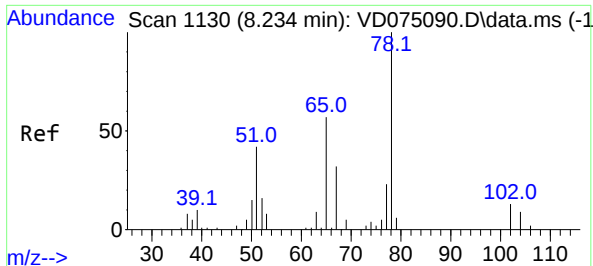


#31
Cyclohexane
Concen: Below Cal
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Tgt Ion: 56 Resp: 298

Ion	Ratio	Lower	Upper
56	100		
69	80.4	30.4	45.6#
84	165.2	68.6	102.8#





#33

1,2-Dichloroethane-d4

Concen: 89.464 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075118.D

Acq: 11 Jan 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

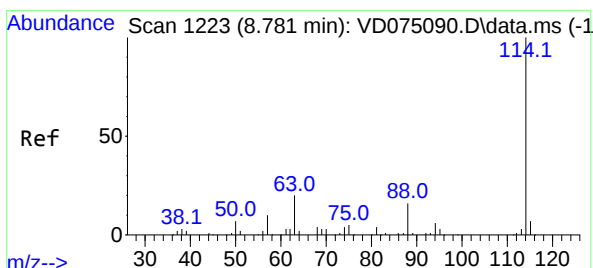
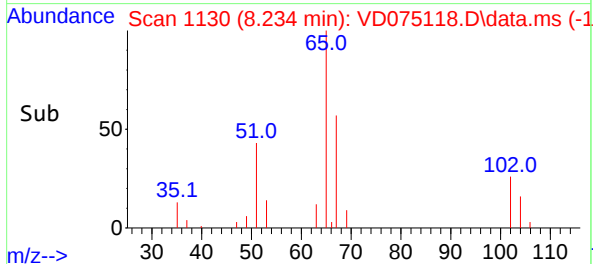
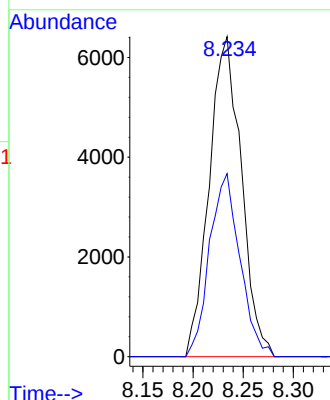
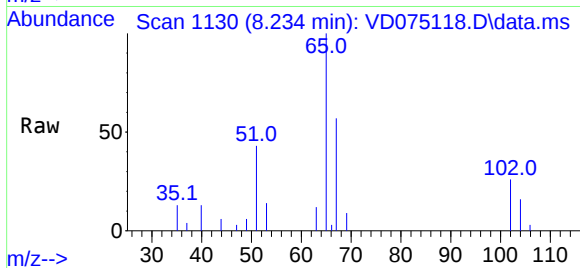
STOCKPILE-BRE

Tgt Ion: 65 Resp: 14297

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075118.D

Acq: 11 Jan 2023 12:07

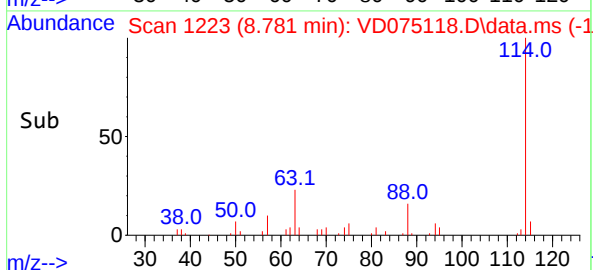
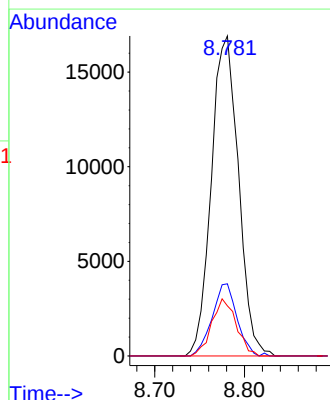
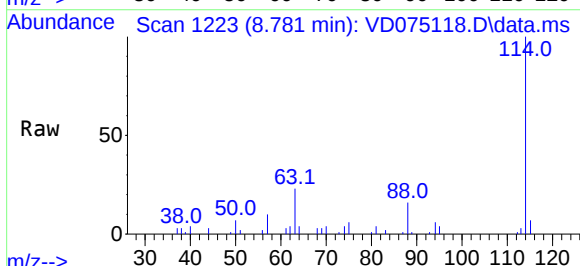
Tgt Ion: 114 Resp: 35531

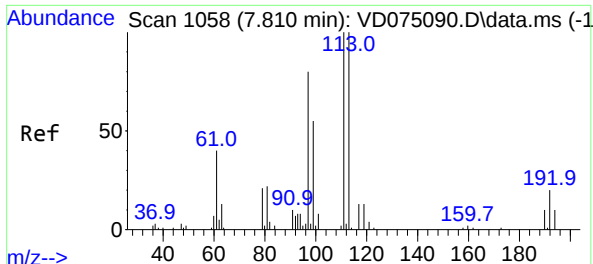
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 15.7 0.0 31.2

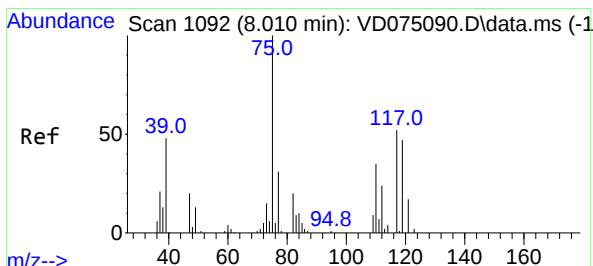
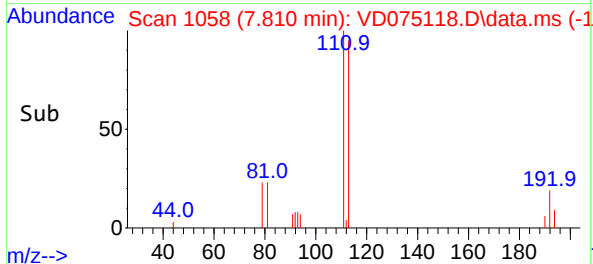
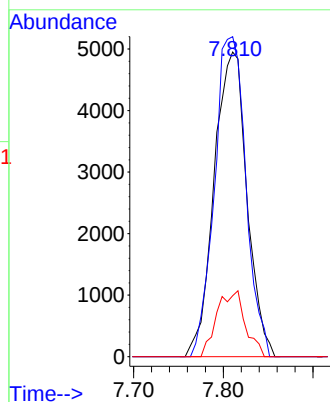
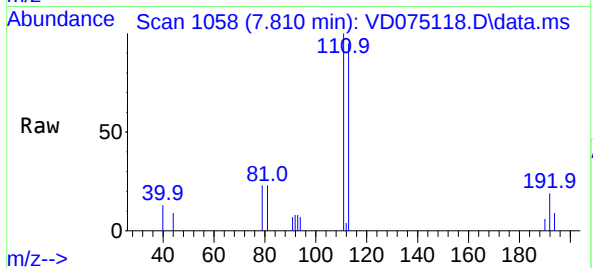




#35
Dibromofluoromethane
Concen: 56.264 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

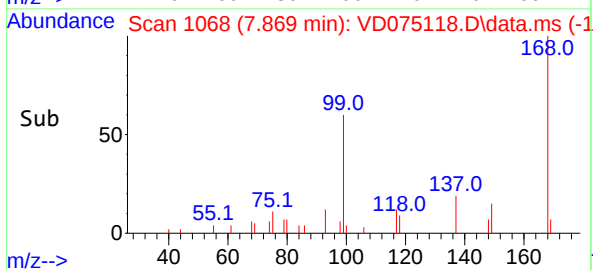
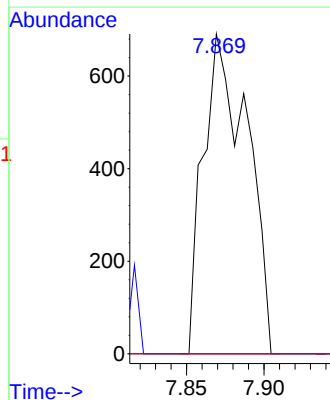
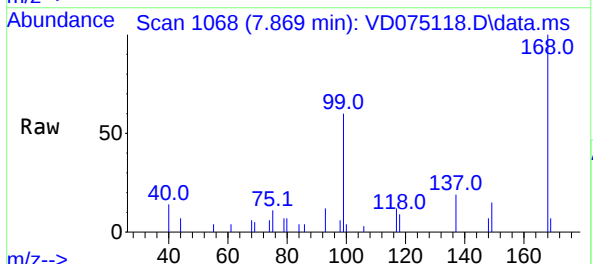
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-BRE

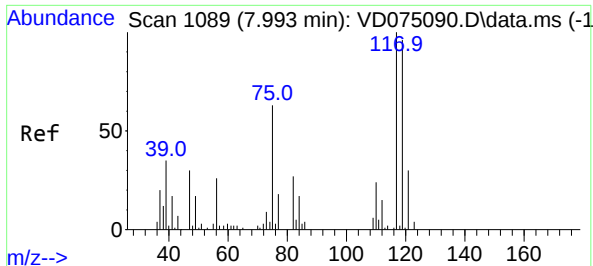
Tgt Ion:	113	Resp:	12575
Ion	Ratio	Lower	Upper
113	100		
111	100.3	83.2	124.8
192	18.7	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

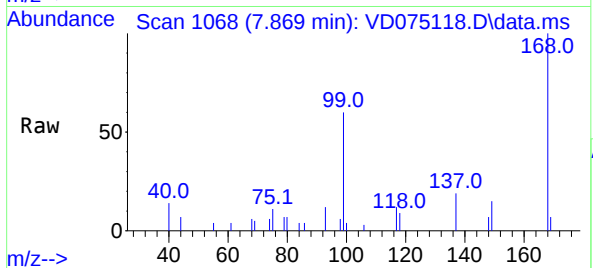
Tgt Ion:	75	Resp:	1363
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.8	56.3#
77	0.0	25.3	37.9#



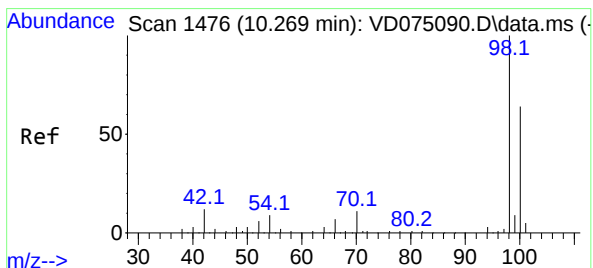
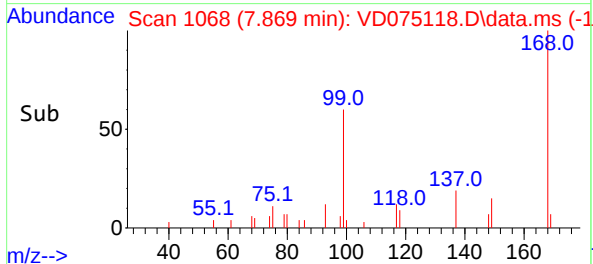
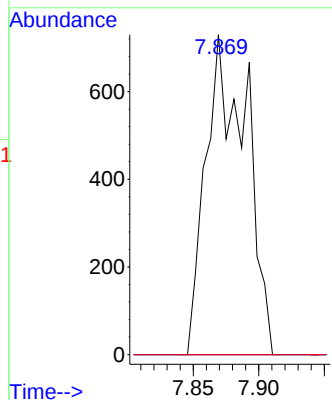


#38
Carbon Tetrachloride
Concen: 6.460 ug/l
RT: 7.869 min Scan# 1089
Delta R.T. -0.123 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-BRE

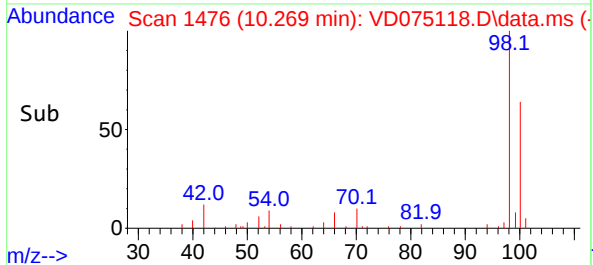
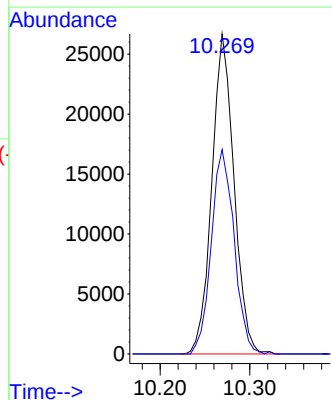
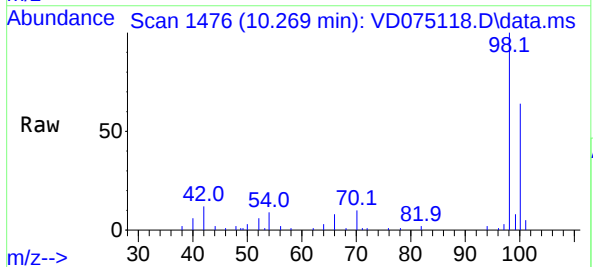


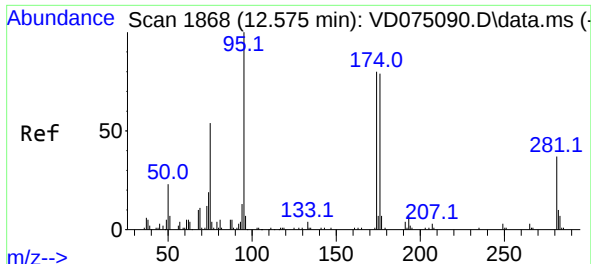
Tgt Ion:117 Resp: 1565
Ion Ratio Lower Upper
117 100
119 0.0 76.8 115.2#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 51.637 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Tgt Ion: 98 Resp: 45760
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

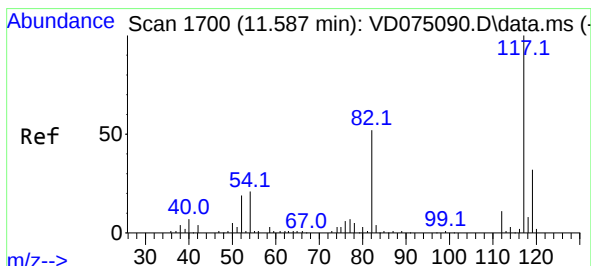
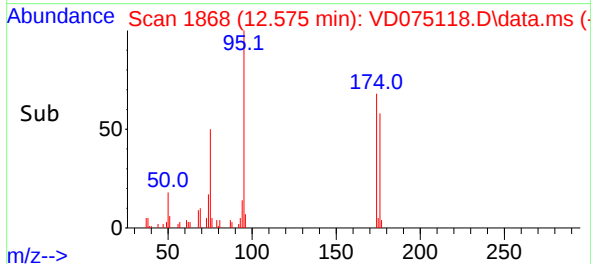
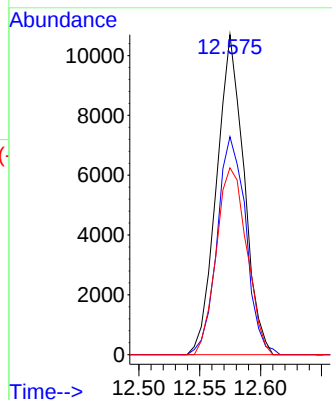
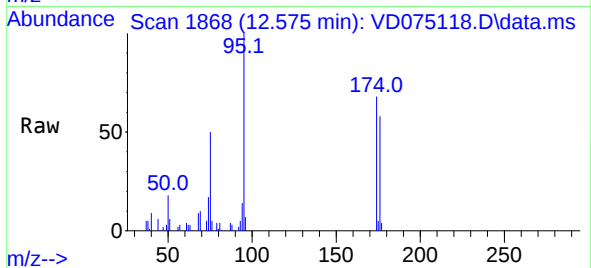




#62
4-Bromofluorobenzene
Concen: 58.817 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

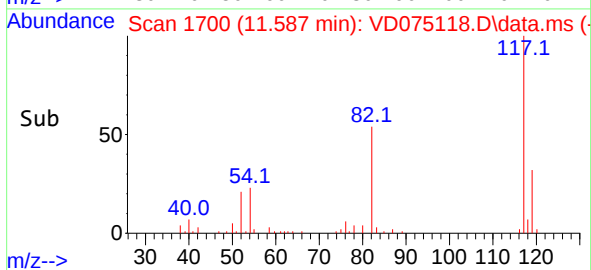
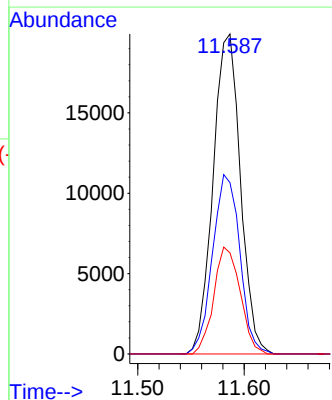
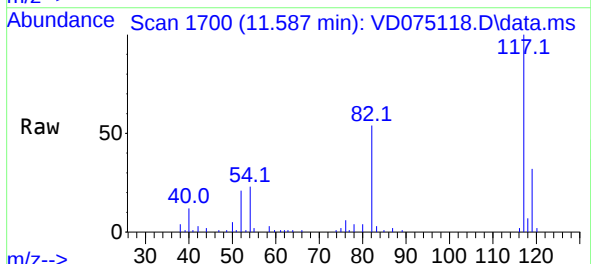
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-BRE

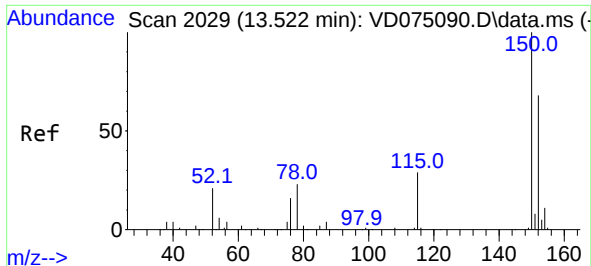
Tgt Ion: 95 Resp: 16730
Ion Ratio Lower Upper
95 100
174 71.2 0.0 168.4
176 65.0 0.0 163.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Tgt Ion: 117 Resp: 35516
Ion Ratio Lower Upper
117 100
82 53.5 41.3 61.9
119 31.6 25.8 38.6

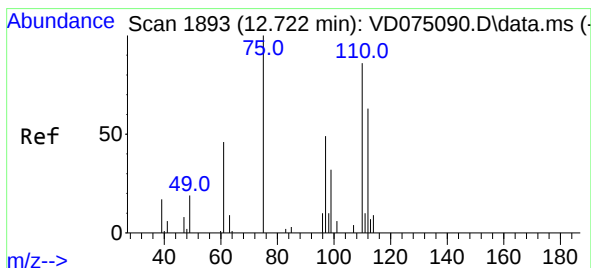
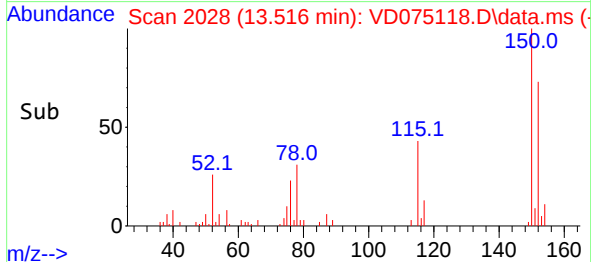
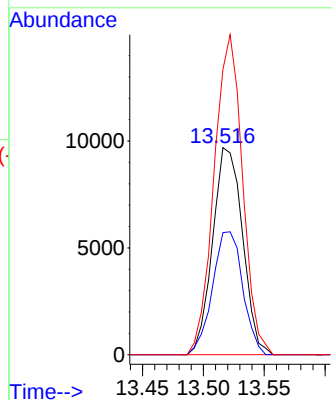
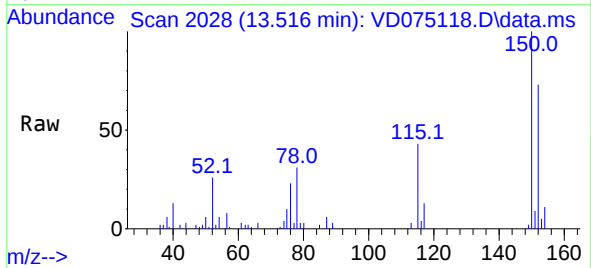




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

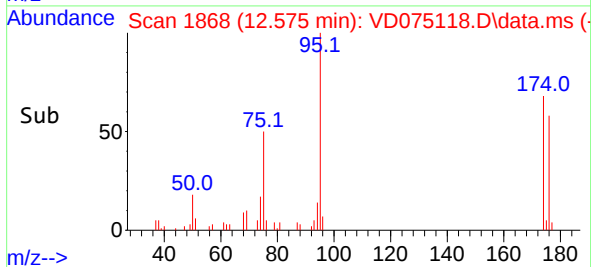
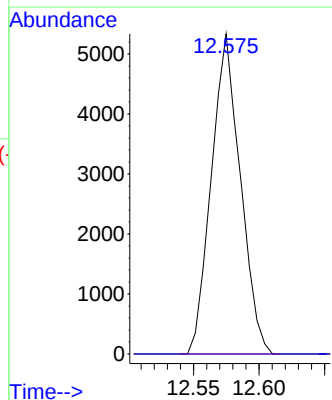
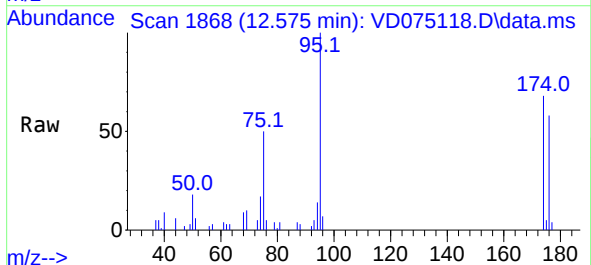
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-BRE

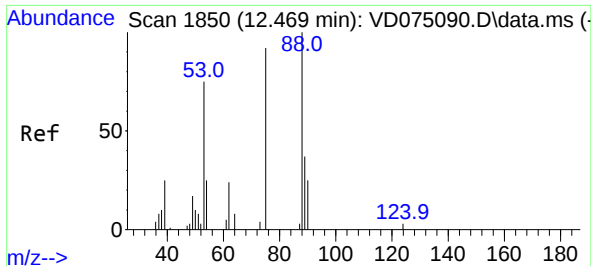
Tgt Ion:152 Resp: 16550
Ion Ratio Lower Upper
152 100
115 60.0 28.7 86.1
150 147.0 0.0 343.2



#76
1,2,3-Trichloropropane
Concen: 51.907 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Tgt Ion: 75 Resp: 8197
Ion Ratio Lower Upper
75 100
77 0.0 149.0 447.1#

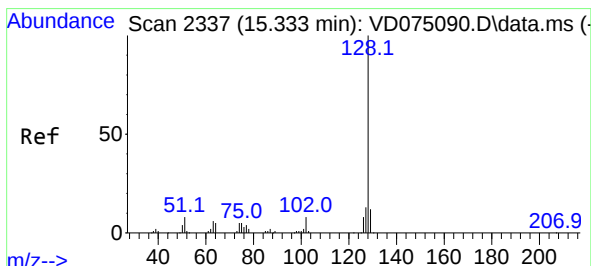
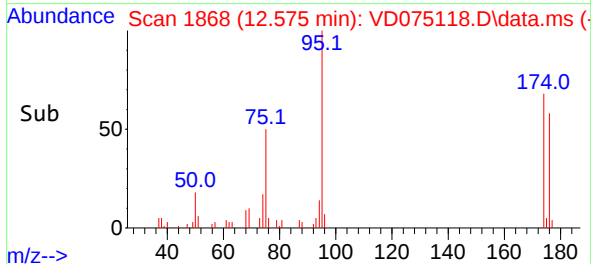
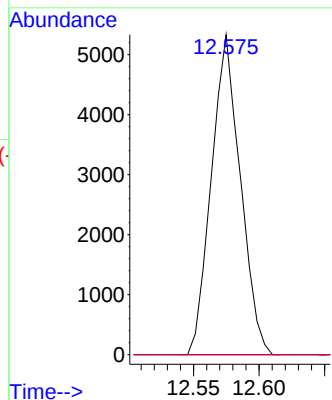
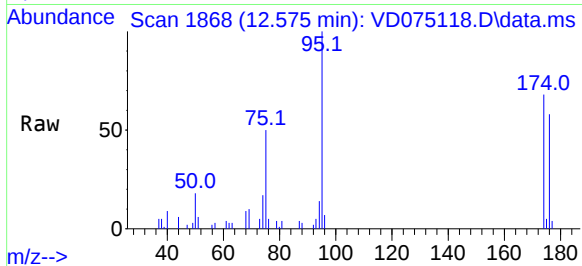




#81
trans-1,4-Dichloro-2-butene
Concen: 137.852 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-BRE

Tgt Ion: 75 Resp: 8197
Ion Ratio Lower Upper
75 100
53 0.0 68.6 103.0#
89 0.0 33.4 50.0#



#95
Naphthalene
Concen: 4.885 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD075118.D
Acq: 11 Jan 2023 12:07

Tgt Ion:128 Resp: 2994
Ion Ratio Lower Upper
128 100
127 7.2 10.3 15.5#
129 5.0 8.9 13.3#

