

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074208.D
 Acq On : 24 Aug 2022 03:55
 Operator : VA/SY
 Sample : N4226-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1RE

Quant Time: Aug 24 06:27:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

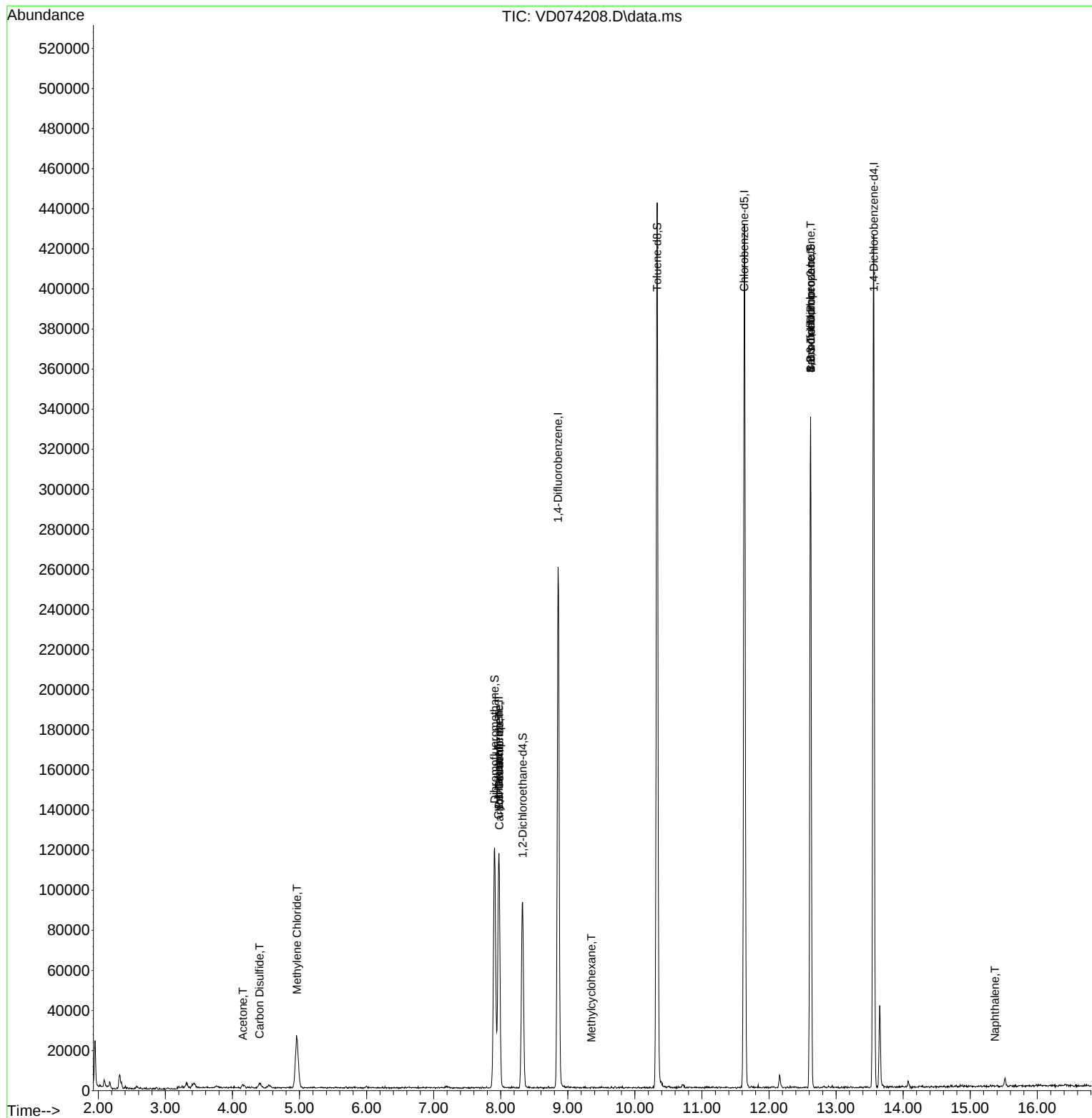
Internal Standards						
1) Pentafluorobenzene	7.973	168	84823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	219085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	252628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	75769	87.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.840%#	
35) Dibromofluoromethane	7.909	113	86551	59.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.120%	
50) Toluene-d8	10.332	98	294304	62.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.800%	
62) 4-Bromofluorobenzene	12.620	95	109759	58.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	2558	15.490	ug/l #	89
17) Carbon Disulfide	4.403	76	5293	3.894	ug/l #	74
20) Methylene Chloride	4.962	84	19818	14.707	ug/l #	79
31) Cyclohexane	7.967	56	2329	1.510	ug/l #	6
36) 1,1-Dichloropropene	7.973	75	7321	3.305	ug/l #	51
38) Carbon Tetrachloride	7.979	117	8837	3.714	ug/l #	17
39) Methylcyclohexane	9.350	83	58	2.235	ug/l #	17
71) Bromoform	12.620	173	1231	1.093	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	55810	48.837	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	55810	125.592	ug/l #	7
95) Naphthalene	15.367	128	137	3.457	ug/l #	70

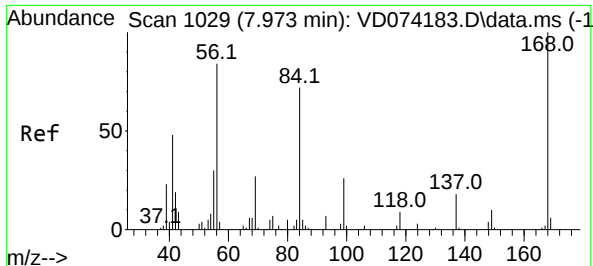
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
Data File : VD074208.D
Acq On : 24 Aug 2022 03:55
Operator : VA/SY
Sample : N4226-01RE
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-1RE

Quant Time: Aug 24 06:27:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

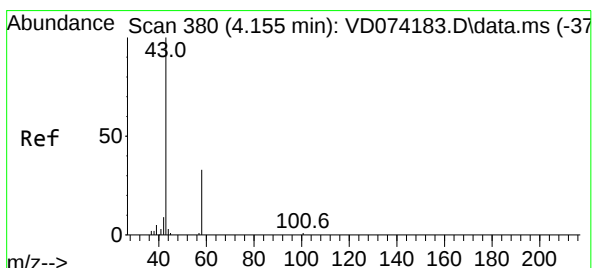
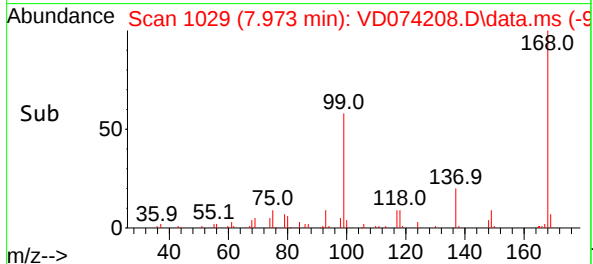
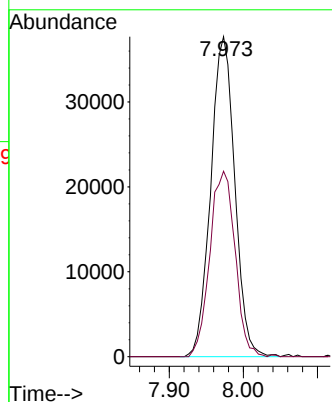
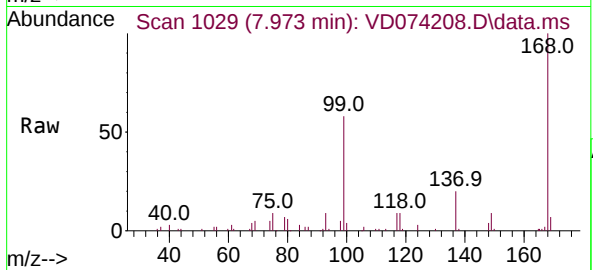




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

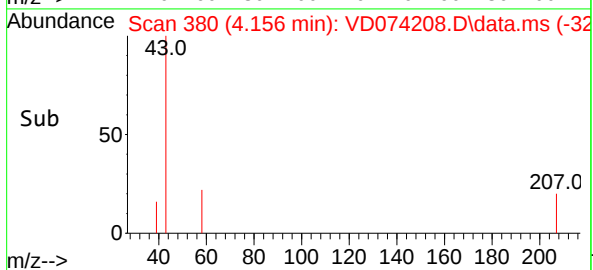
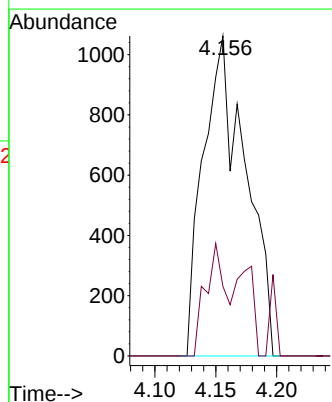
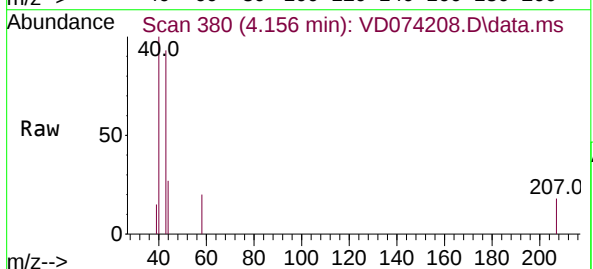
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

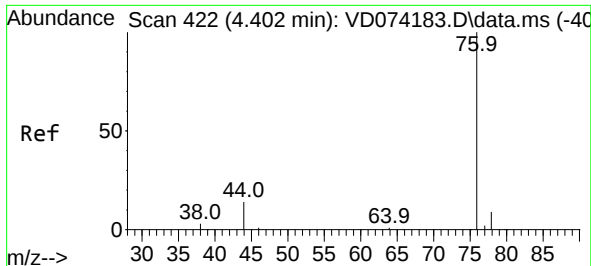
Tgt Ion:168 Resp: 84823
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#16
Acetone
Concen: 15.490 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

Tgt Ion: 43 Resp: 2558
Ion Ratio Lower Upper
43 100
58 21.8 22.1 33.1#





#17

Carbon Disulfide

Concen: 3.894 ug/l

RT: 4.403 min Scan# 41

Delta R.T. 0.001 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

Instrument :

MSVOA_D

ClientSampleId :

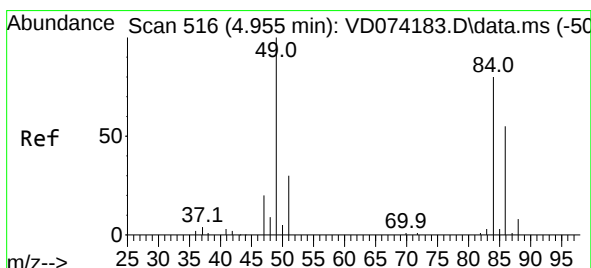
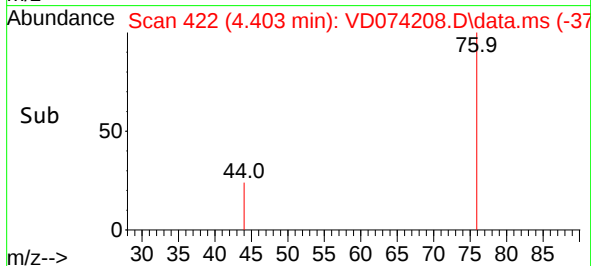
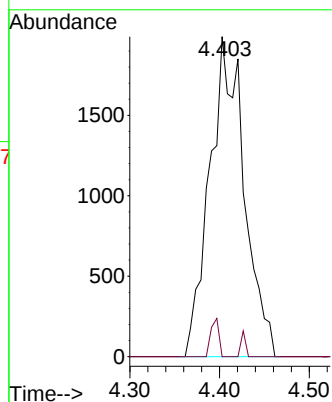
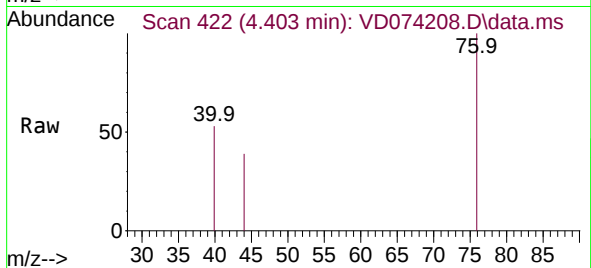
B-1RE

Tgt Ion: 76 Resp: 5293

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



#20

Methylene Chloride

Concen: 14.707 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.007 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

Tgt Ion: 84 Resp: 19818

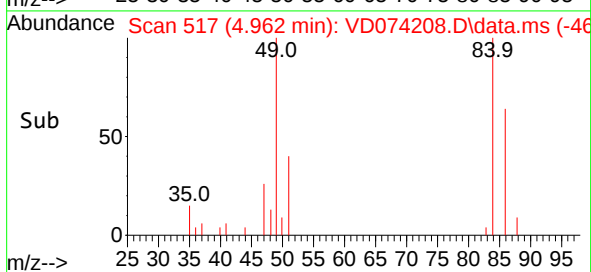
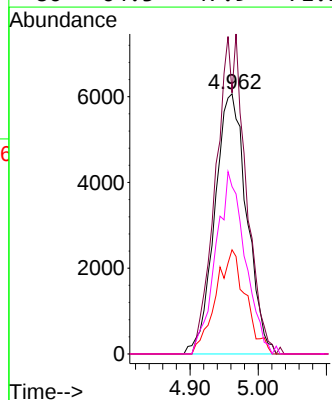
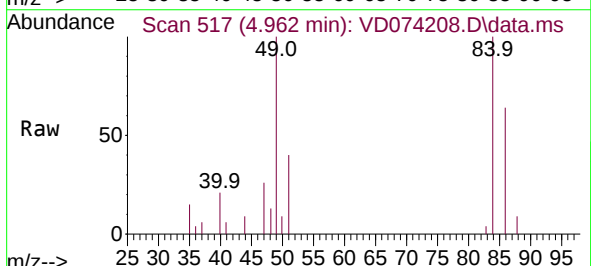
Ion Ratio Lower Upper

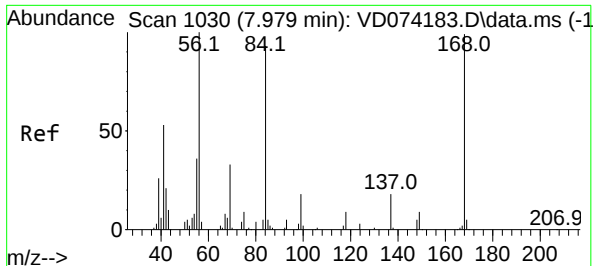
84 100

49 100.4 112.8 169.2#

51 40.0 32.6 48.8

86 64.3 47.9 71.9

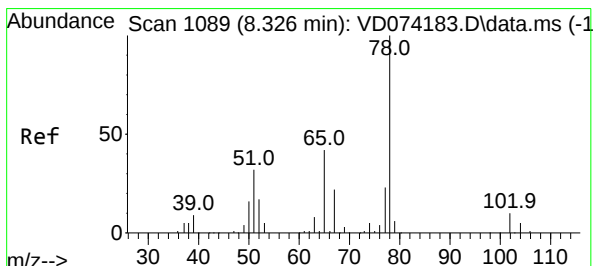
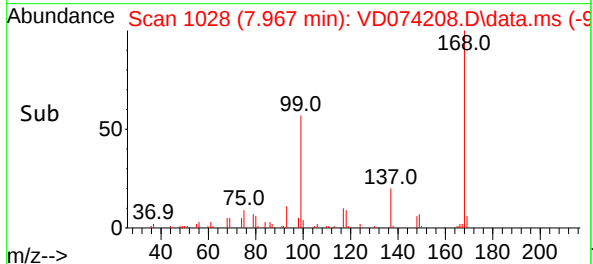
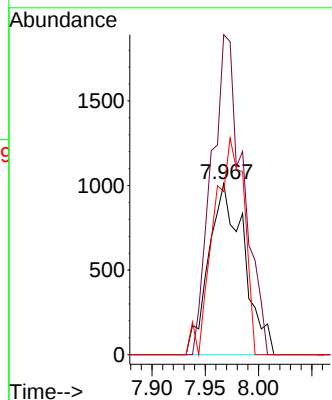
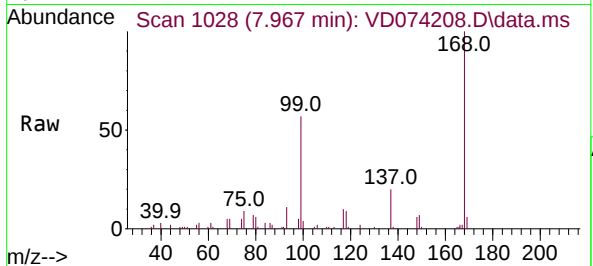




#31
Cyclohexane
Concen: 1.510 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

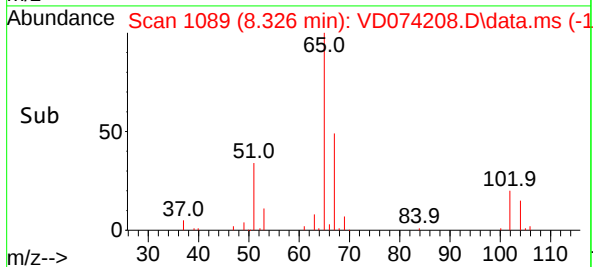
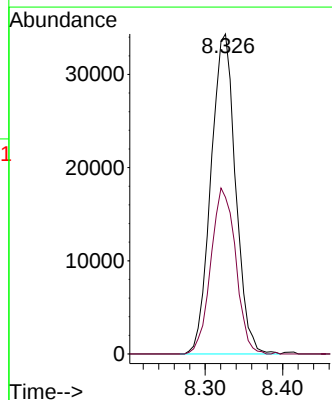
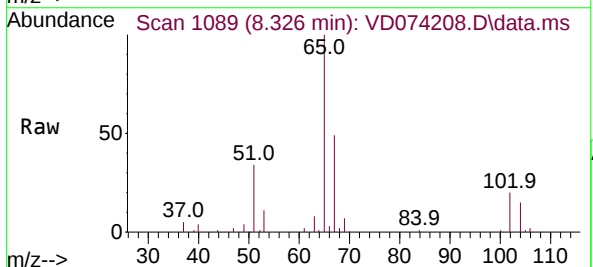
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

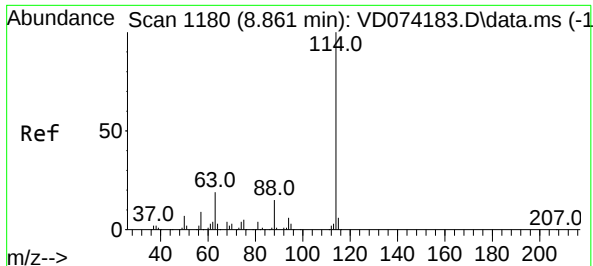
Tgt Ion: 56 Resp: 2329
Ion Ratio Lower Upper
56 100
69 187.1 25.4 38.2#
84 95.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 87.416 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

Tgt Ion: 65 Resp: 75769
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

Instrument :

MSVOA_D

ClientSampleId :

B-1RE

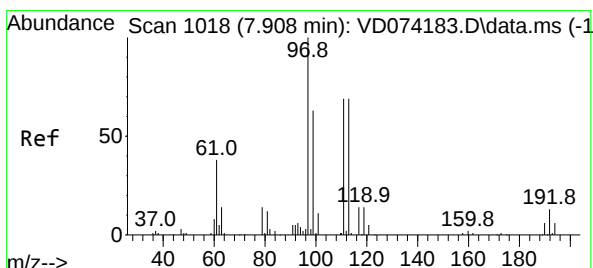
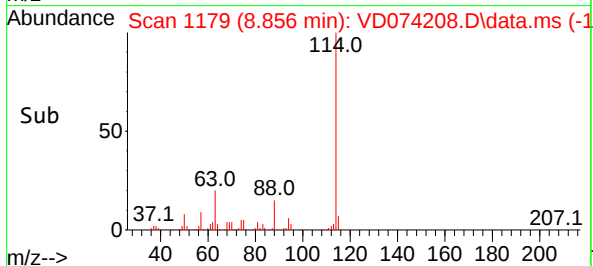
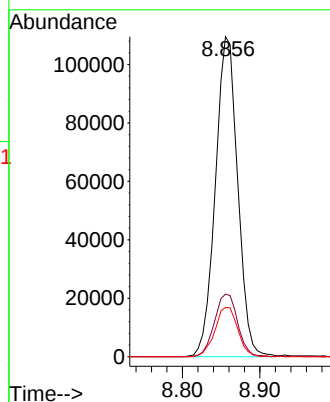
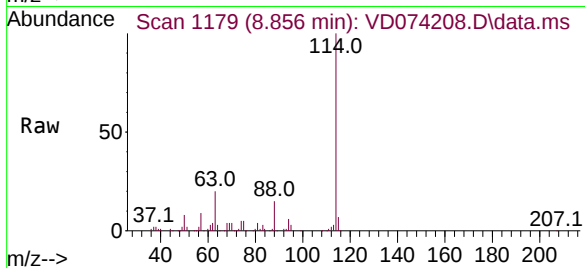
Tgt Ion:114 Resp: 219085

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 59.062 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

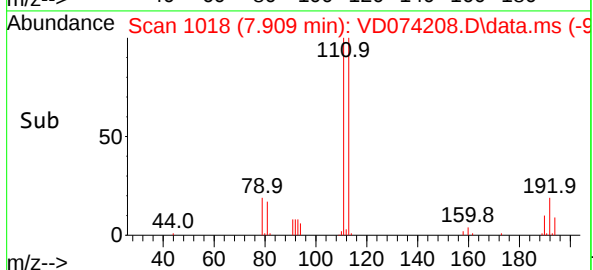
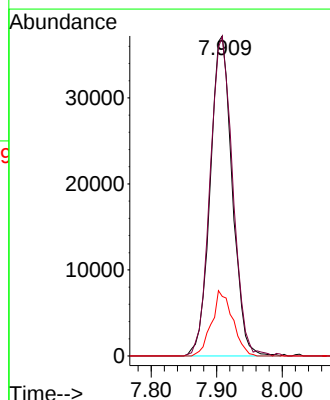
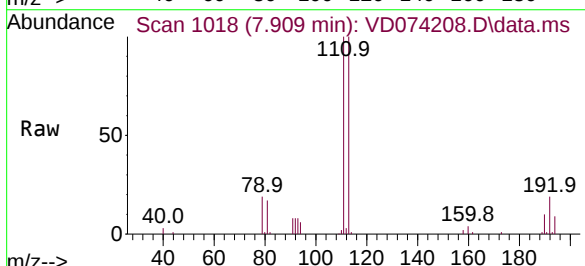
Tgt Ion:113 Resp: 86551

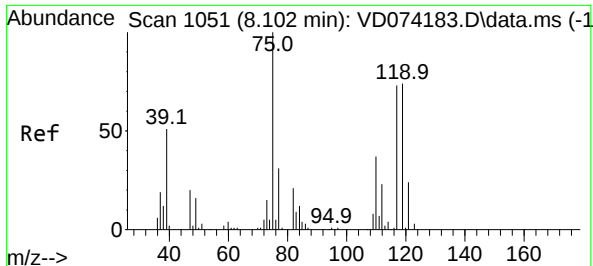
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 19.5 14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.305 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

Instrument :

MSVOA_D

ClientSampleId :

B-1RE

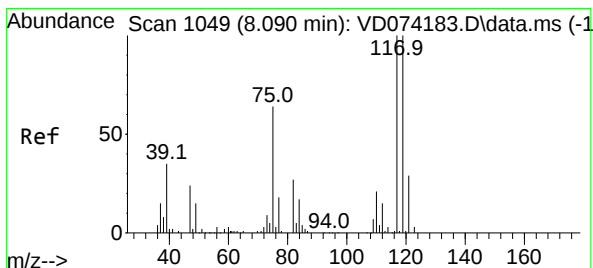
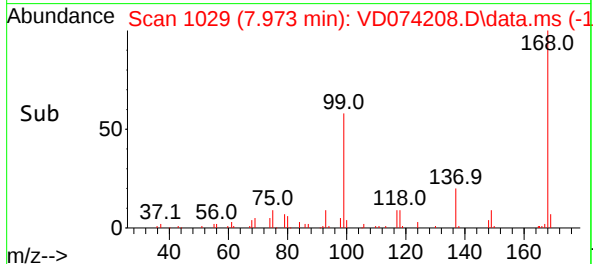
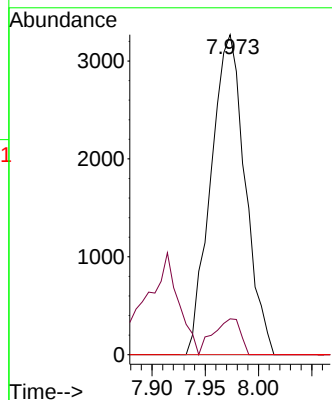
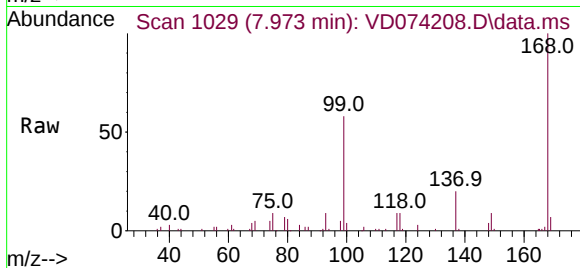
Tgt Ion: 75 Resp: 7321

Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 3.714 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.111 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

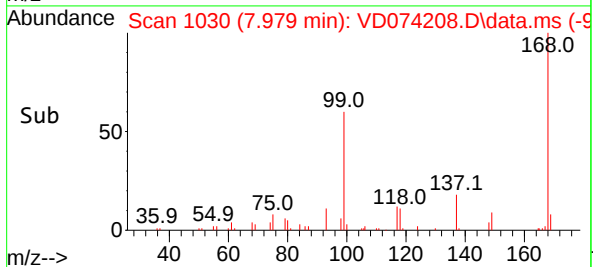
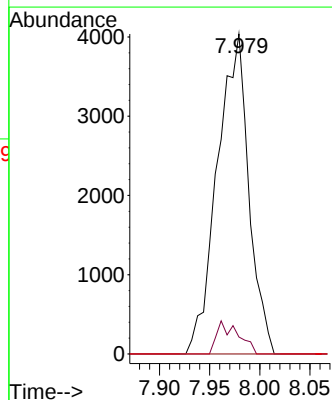
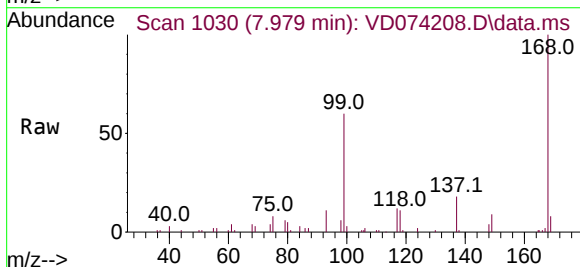
Tgt Ion: 117 Resp: 8837

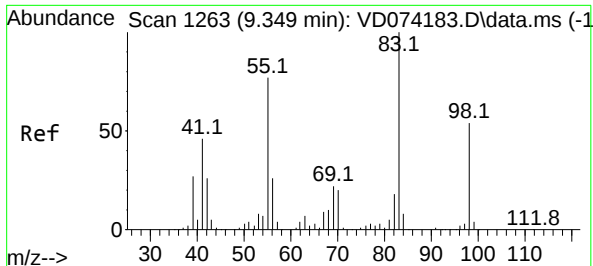
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 2.235 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

Instrument :

MSVOA_D

ClientSampleId :

B-1RE

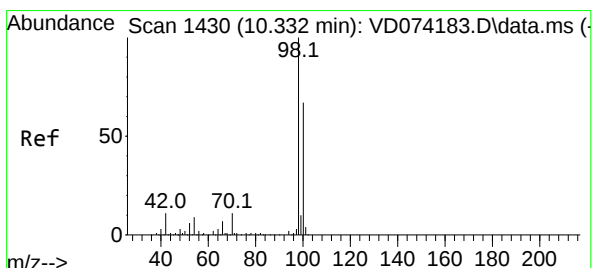
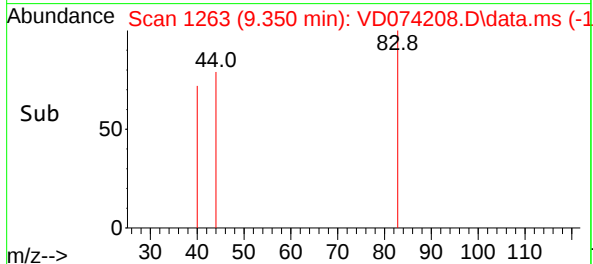
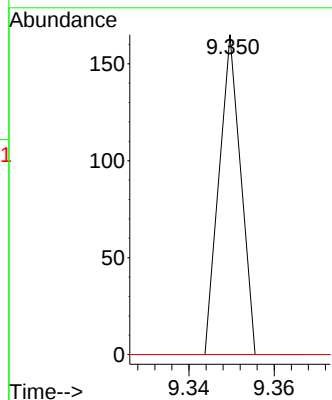
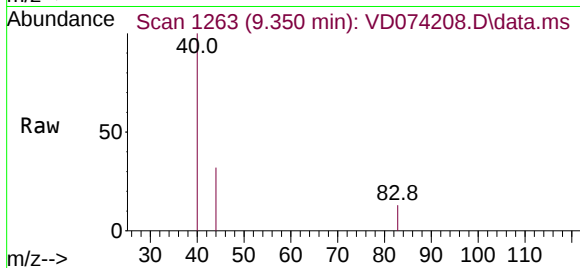
Tgt Ion: 83 Resp: 58

Ion Ratio Lower Upper

83 100

55 0.0 63.2 94.8#

98 0.0 38.2 57.4#



#50

Toluene-d8

Concen: 62.401 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074208.D

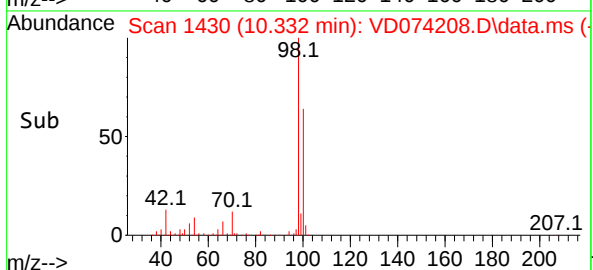
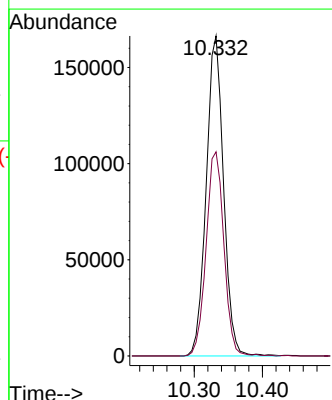
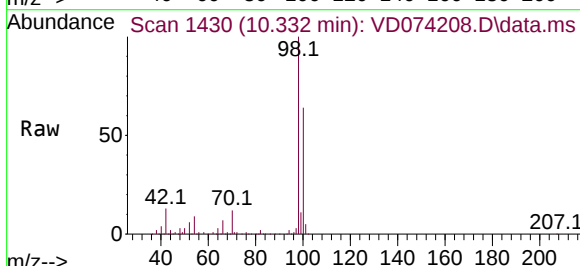
Acq: 24 Aug 2022 03:55

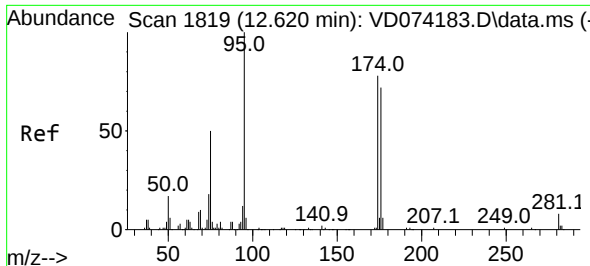
Tgt Ion: 98 Resp: 294304

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6

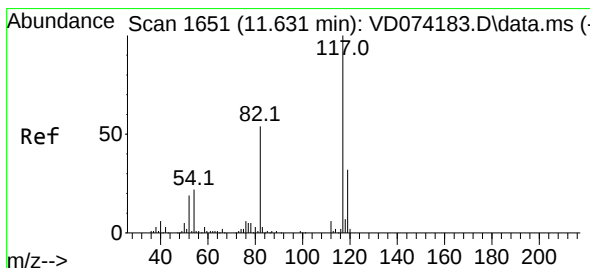
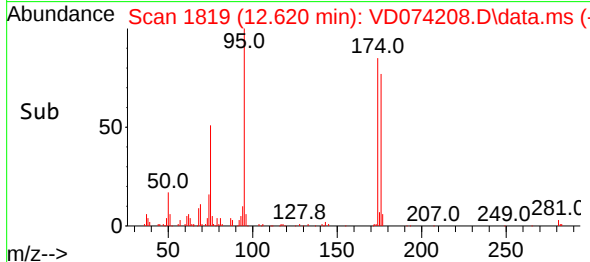
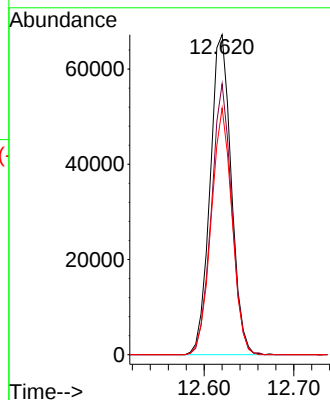
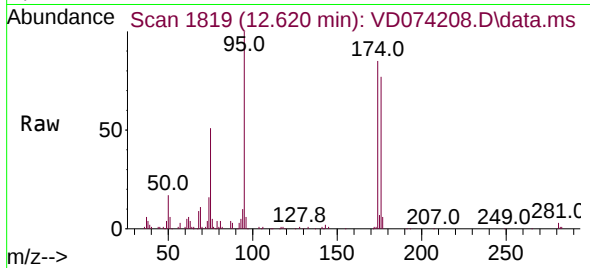




#62
4-Bromofluorobenzene
Concen: 58.908 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

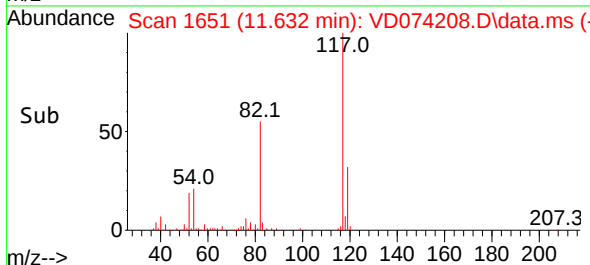
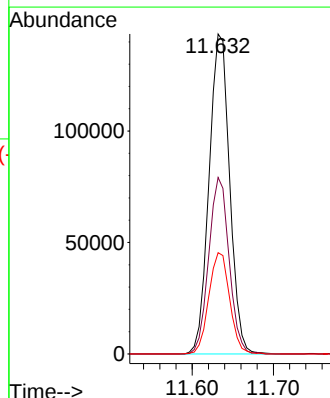
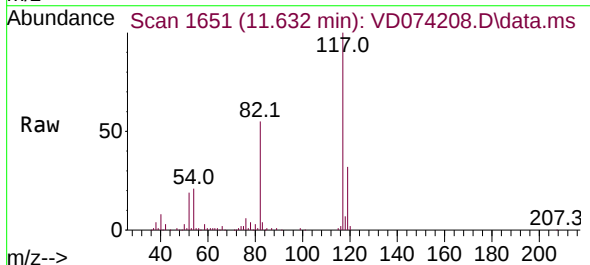
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

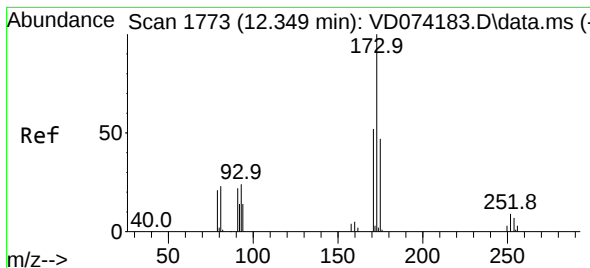
Tgt Ion: 95 Resp: 109759
Ion Ratio Lower Upper
95 100
174 81.6 0.0 152.8
176 76.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

Tgt Ion: 117 Resp: 252628
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 31.7 26.6 40.0





#71

Bromoform

Concen: 1.093 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.271 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

Instrument :

MSVOA_D

ClientSampleId :

B-1RE

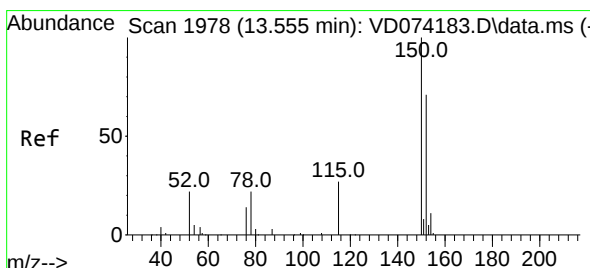
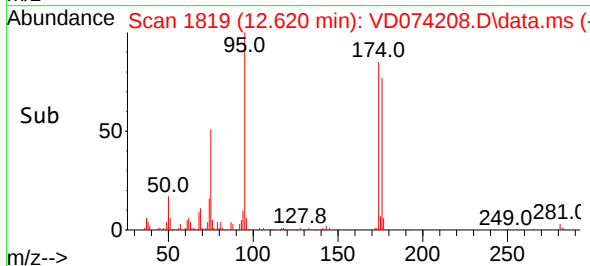
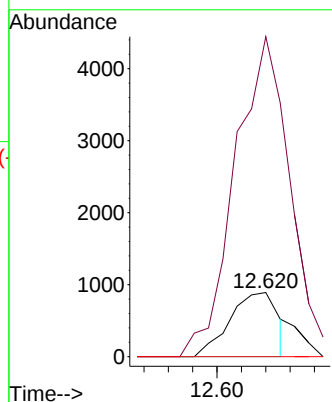
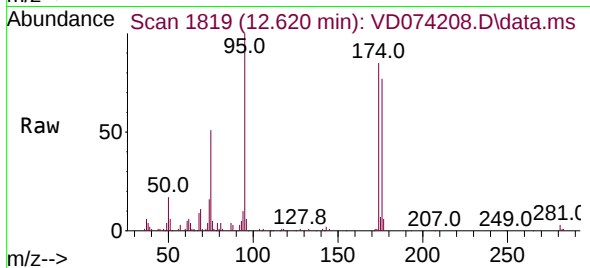
Tgt Ion:173 Resp: 1231

Ion Ratio Lower Upper

173 100

175 476.4 23.9 71.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.006 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

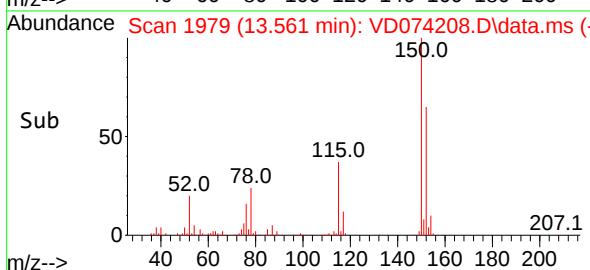
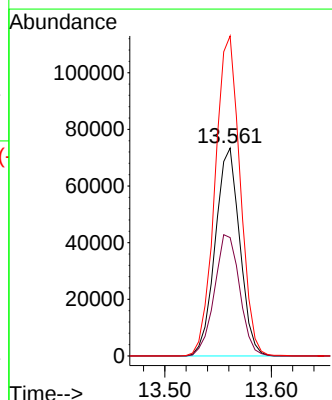
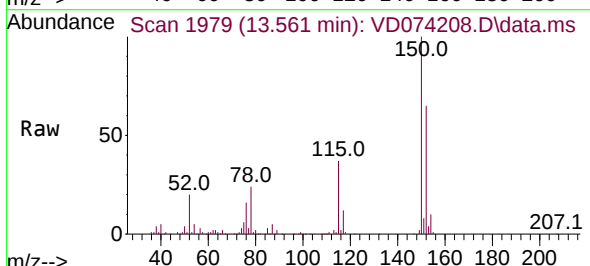
Tgt Ion:152 Resp: 117037

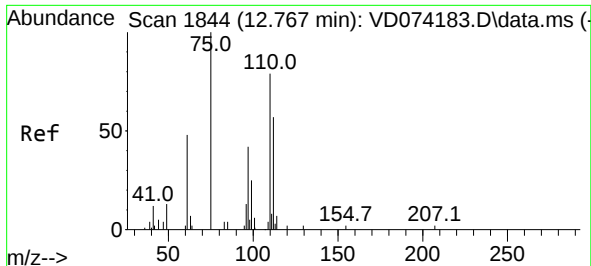
Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 157.6 0.0 348.6

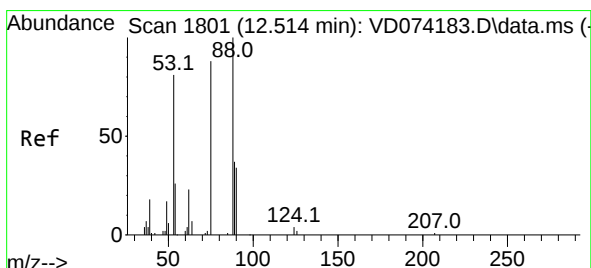
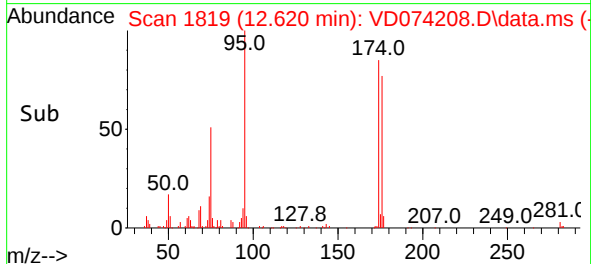
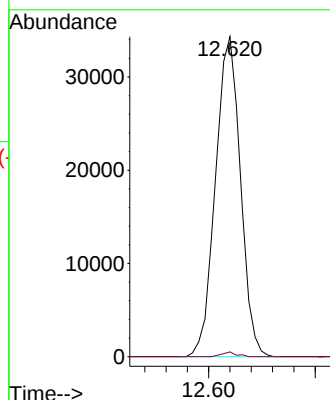
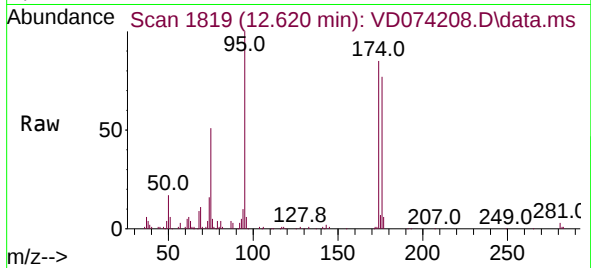




#76
1,2,3-Trichloropropane
Concen: 48.837 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

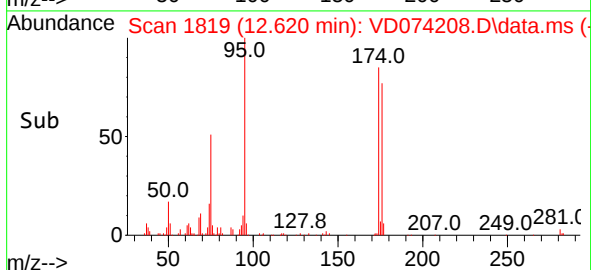
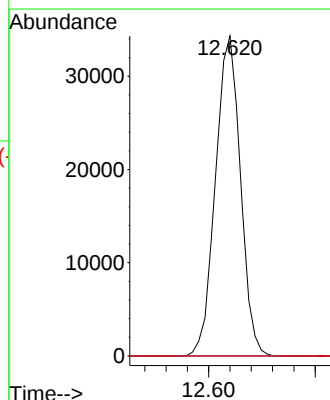
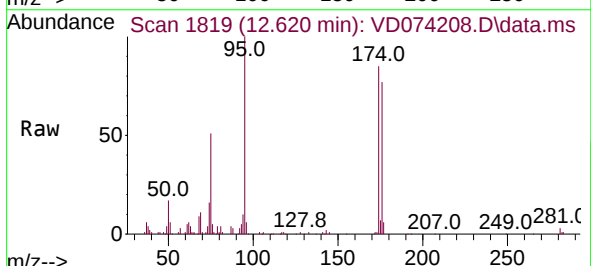
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

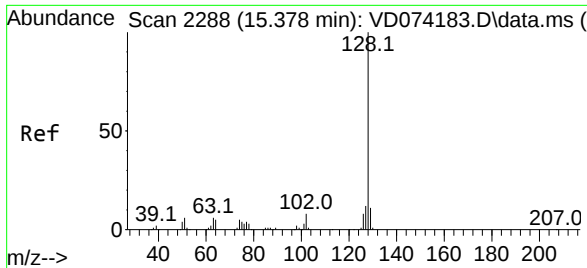
Tgt Ion: 75 Resp: 55810
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.592 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

Tgt Ion: 75 Resp: 55810
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 3.457 ug/l

RT: 15.367 min Scan# 21

Delta R.T. -0.011 min

Lab File: VD074208.D

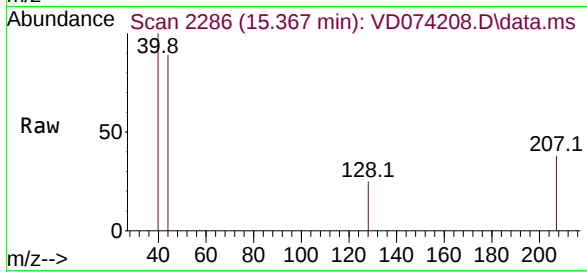
Acq: 24 Aug 2022 03:55

Instrument :

MSVOA_D

ClientSampleId :

B-1RE



Tgt Ion:128 Resp: 137

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

