

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074229.D
 Acq On : 24 Aug 2022 18:03
 Operator : VA/SY
 Sample : N4264-10RE
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3

Quant Time: Aug 25 05:03:25 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)

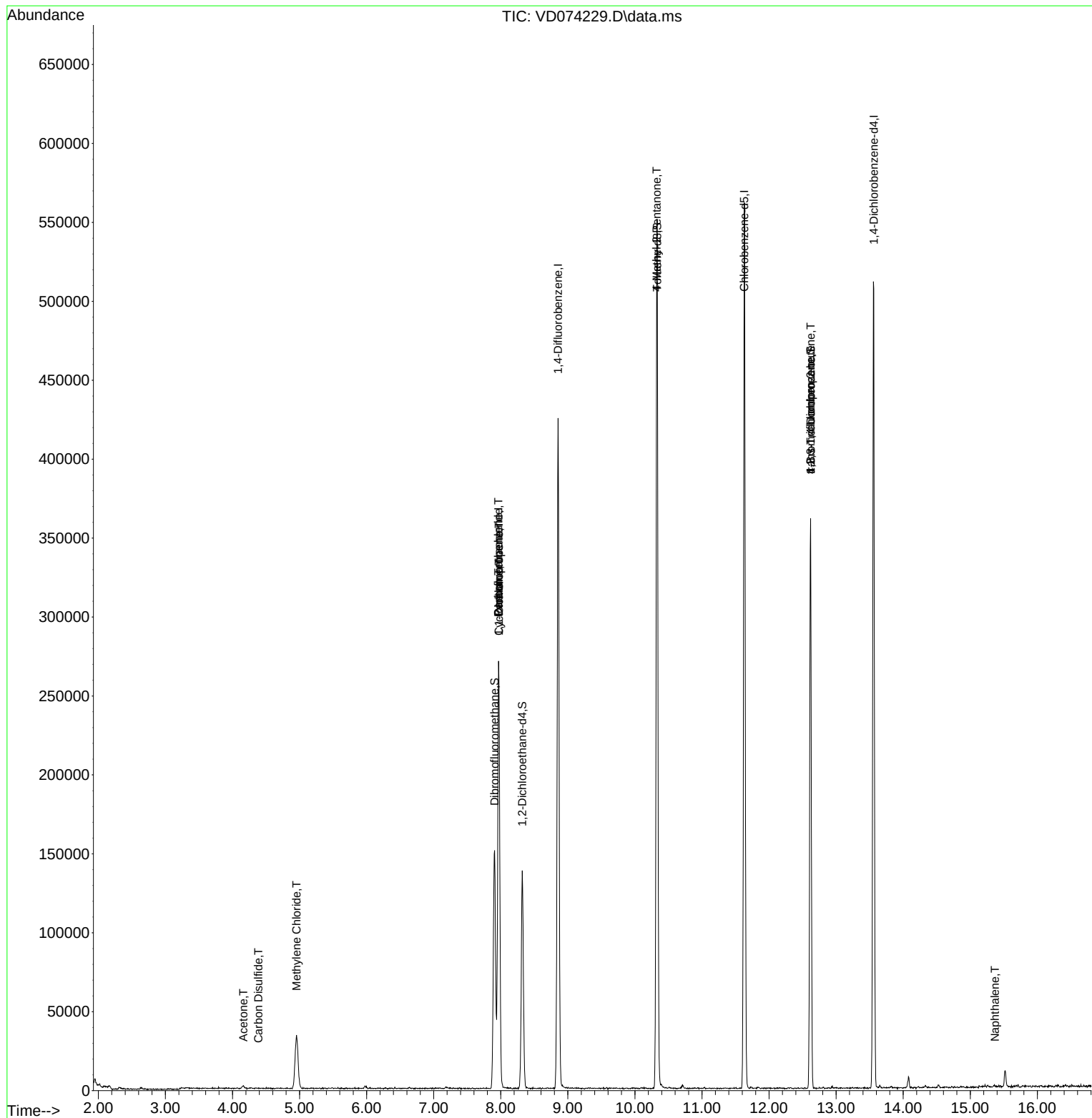
Internal Standards						
1) Pentafluorobenzene	7.967	168	190054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	350105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	318885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	136048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	110337	56.814	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.620%			
35) Dibromofluoromethane	7.908	113	109624	46.812	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.620%			
50) Toluene-d8	10.332	98	373466	49.552	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.620	95	116387	39.089	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.180%			
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	2938	7.941	ug/l	93
17) Carbon Disulfide	4.385	76	60	2.022	ug/l #	74
20) Methylene Chloride	4.956	84	26141	5.977	ug/l	94
31) Cyclohexane	7.973	56	4312	1.247	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	16526	4.669	ug/l #	51
38) Carbon Tetrachloride	7.967	117	20512	5.395	ug/l #	17
51) 4-Methyl-2-Pentanone	10.326	43	1636	1.167	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	60369	45.445	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	60369	116.868	ug/l #	7
95) Naphthalene	15.367	128	123	3.450	ug/l #	70

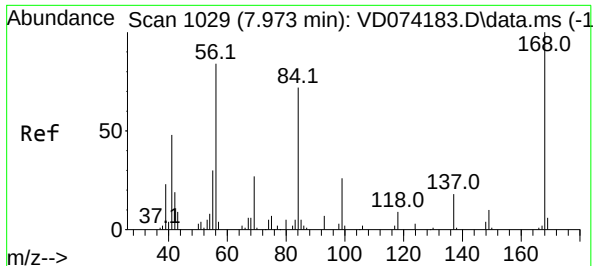
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
Data File : VD074229.D
Acq On : 24 Aug 2022 18:03
Operator : VA/SY
Sample : N4264-10RE
Misc : 5.45G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3

Quant Time: Aug 25 05:03:25 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

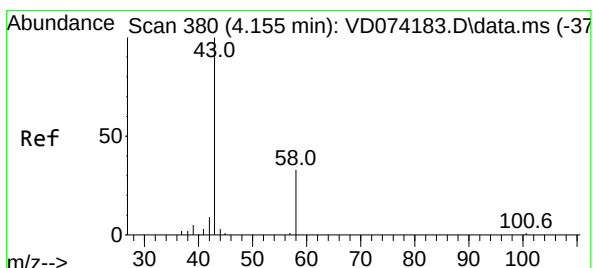
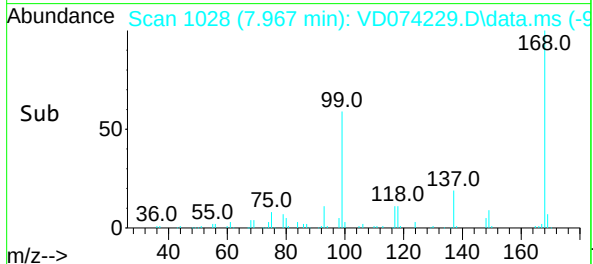
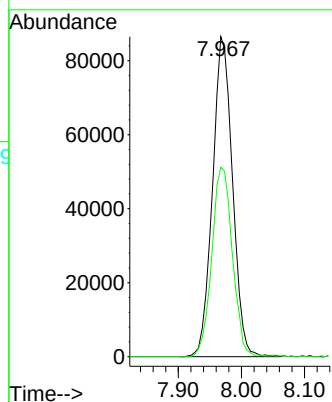
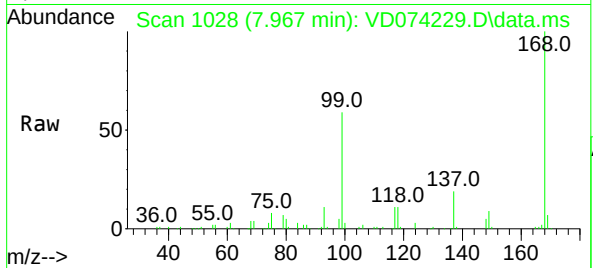




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

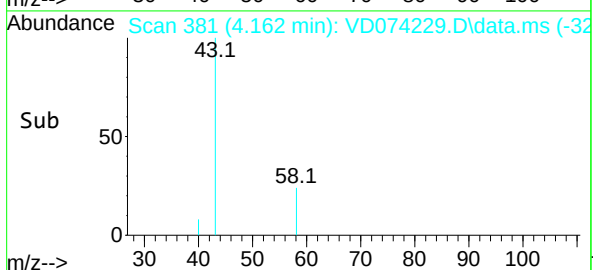
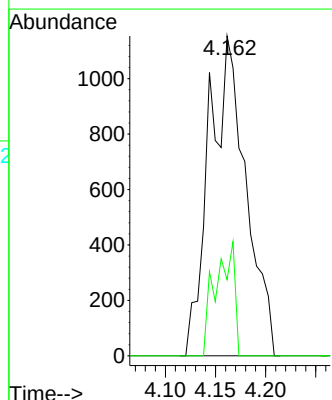
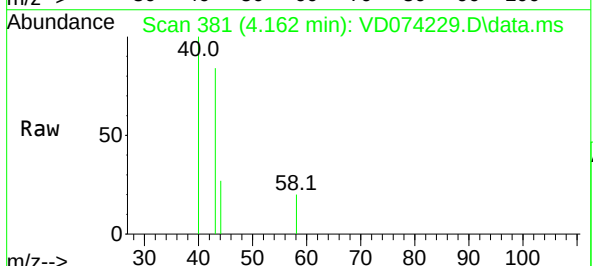
Instrument :
MSVOA_D
ClientSampleId :
B-3

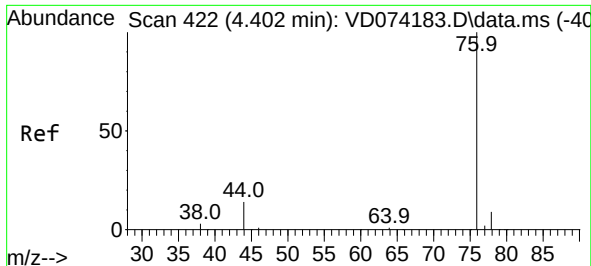
Tgt Ion:168 Resp: 190054
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#16
Acetone
Concen: 7.941 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

Tgt Ion: 43 Resp: 2938
Ion Ratio Lower Upper
43 100
58 23.8 22.1 33.1

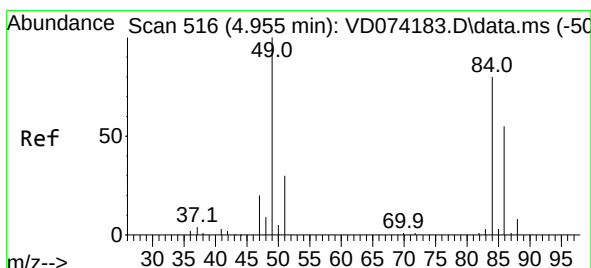
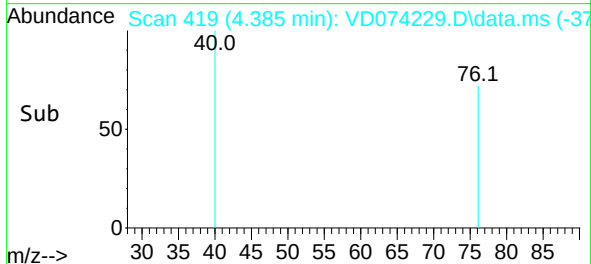
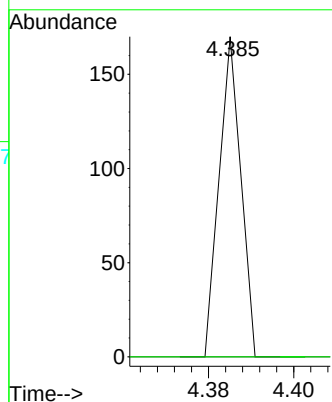
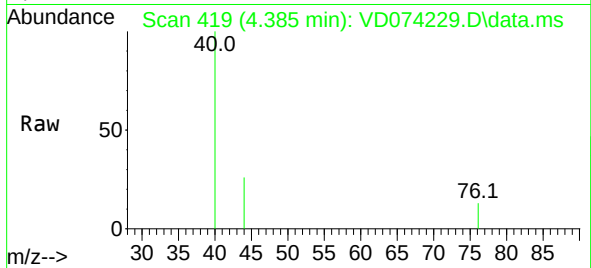




#17
Carbon Disulfide
Concen: 2.022 ug/l
RT: 4.385 min Scan# 419
Delta R.T. -0.017 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

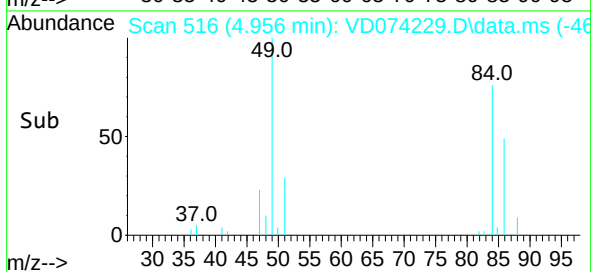
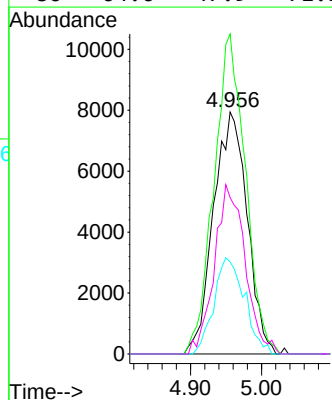
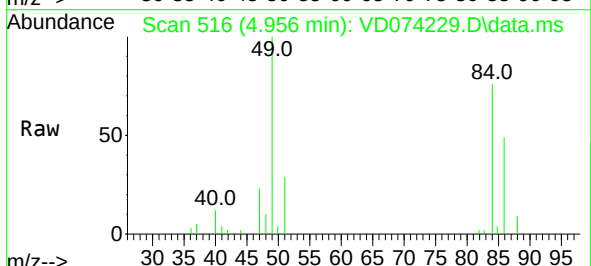
Instrument :
MSVOA_D
ClientSampleId :
B-3

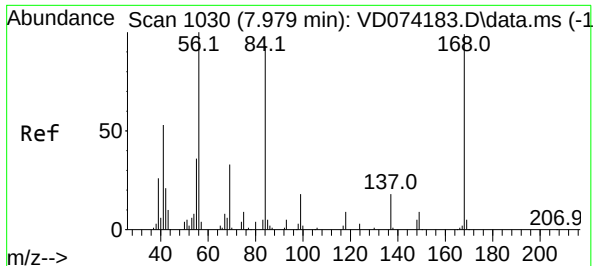
Tgt Ion: 76 Resp: 60
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 5.977 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

Tgt Ion: 84 Resp: 26141
Ion Ratio Lower Upper
84 100
49 132.3 112.8 169.2
51 38.0 32.6 48.8
86 64.6 47.9 71.9





#31

Cyclohexane

Concen: 1.247 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD074229.D

Acq: 24 Aug 2022 18:03

Instrument :

MSVOA_D

ClientSampleId :

B-3

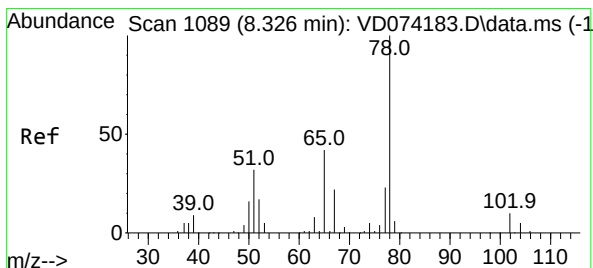
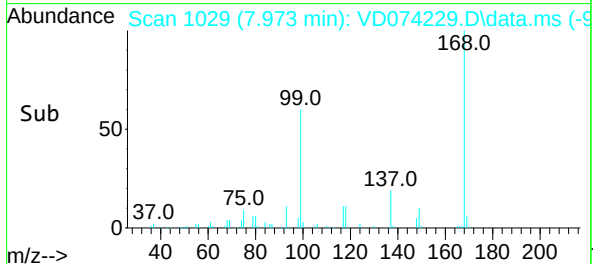
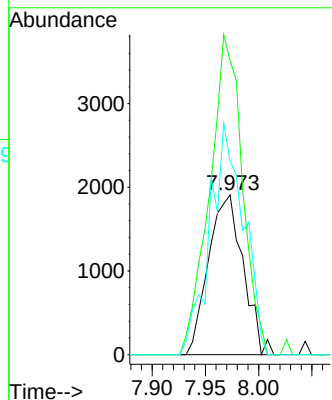
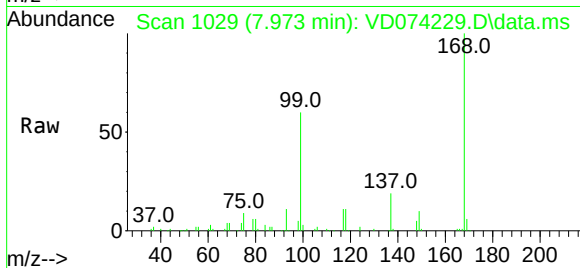
Tgt Ion: 56 Resp: 4312

Ion Ratio Lower Upper

56 100

69 183.6 25.4 38.2#

84 121.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 56.814 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD074229.D

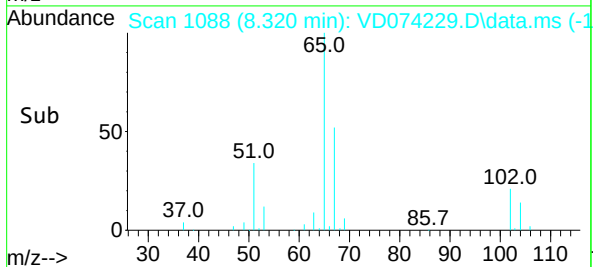
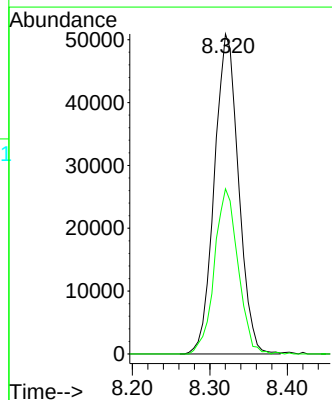
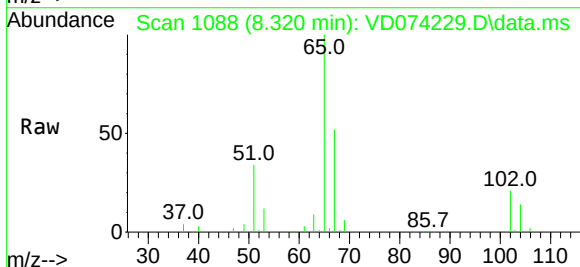
Acq: 24 Aug 2022 18:03

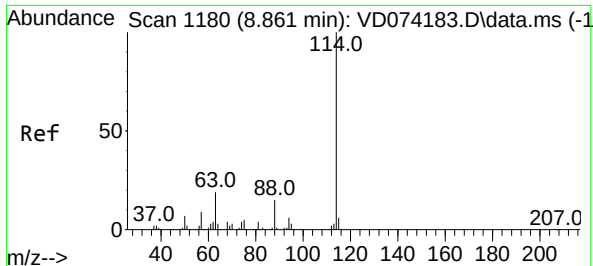
Tgt Ion: 65 Resp: 110337

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074229.D

Acq: 24 Aug 2022 18:03

Instrument :

MSVOA_D

ClientSampleId :

B-3

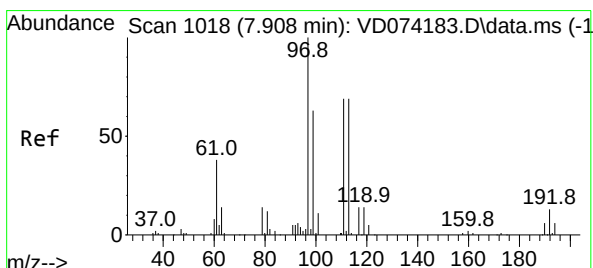
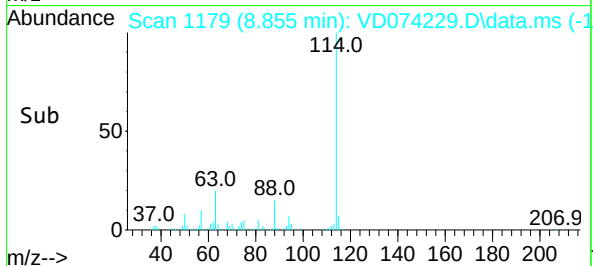
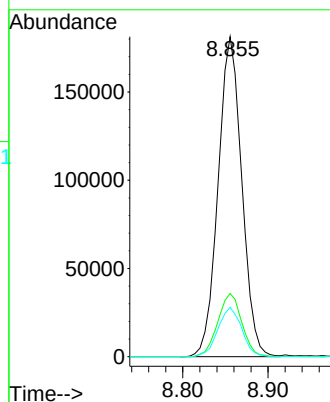
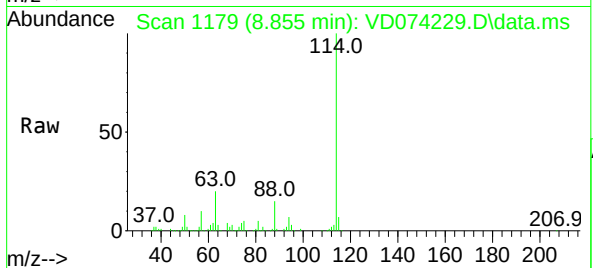
Tgt Ion:114 Resp: 350105

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.812 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074229.D

Acq: 24 Aug 2022 18:03

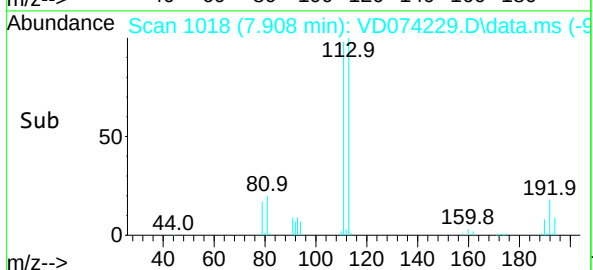
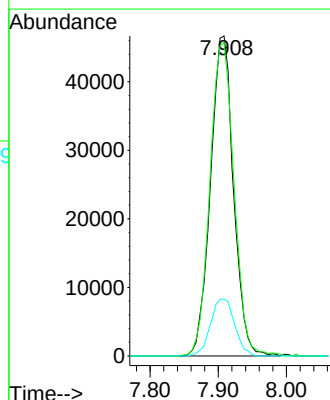
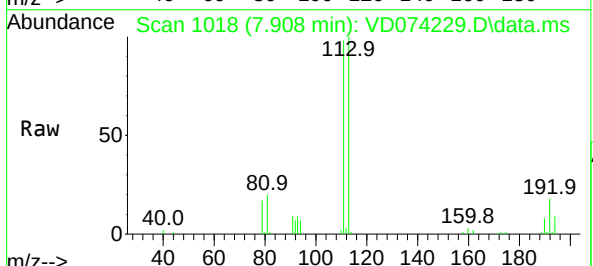
Tgt Ion:113 Resp: 109624

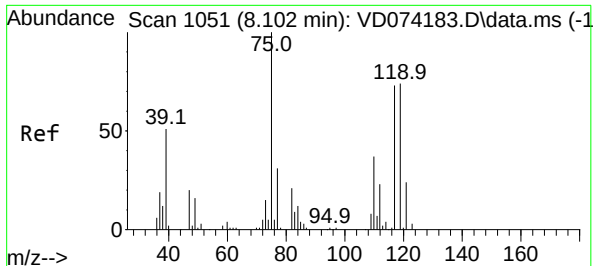
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.7 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.669 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD074229.D

Acq: 24 Aug 2022 18:03

Instrument :

MSVOA_D

ClientSampleId :

B-3

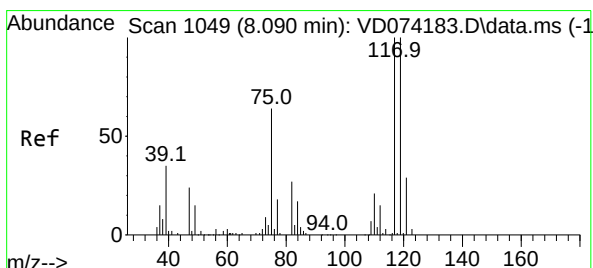
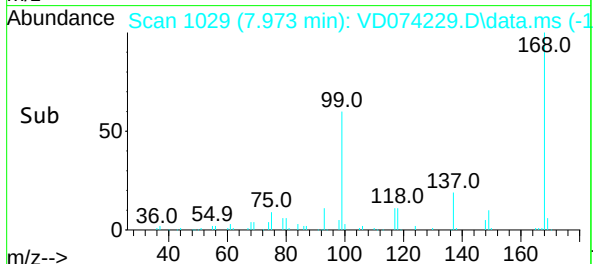
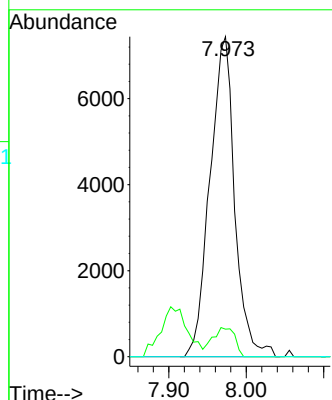
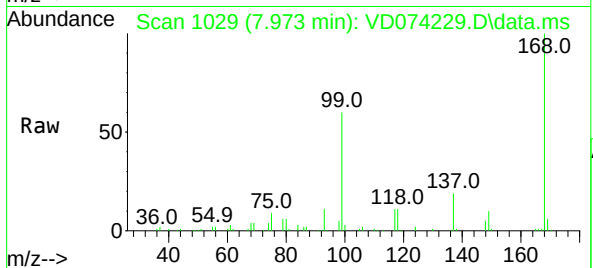
Tgt Ion: 75 Resp: 16526

Ion Ratio Lower Upper

75 100

110 8.3 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.395 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.123 min

Lab File: VD074229.D

Acq: 24 Aug 2022 18:03

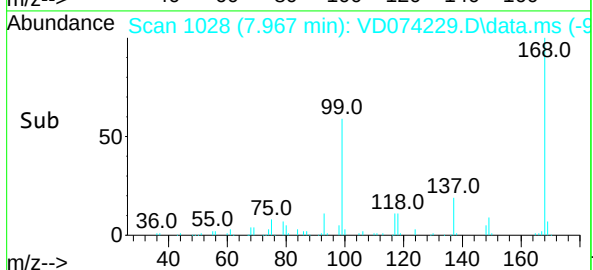
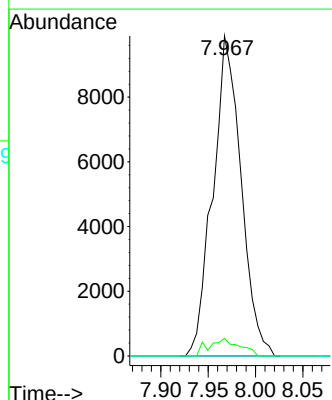
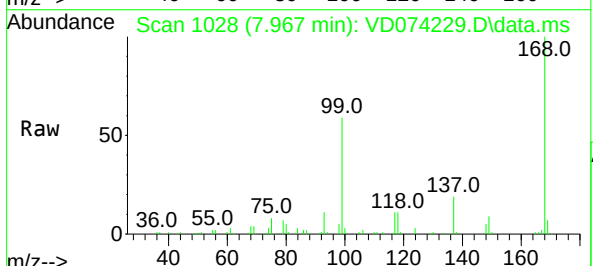
Tgt Ion: 117 Resp: 20512

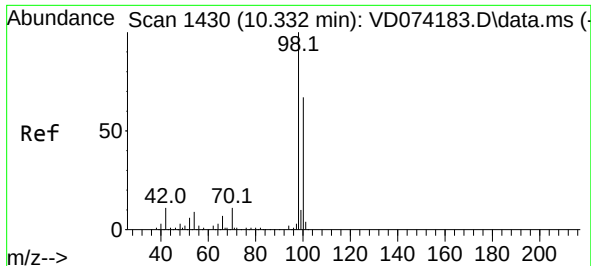
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

121 0.0 24.5 36.7#

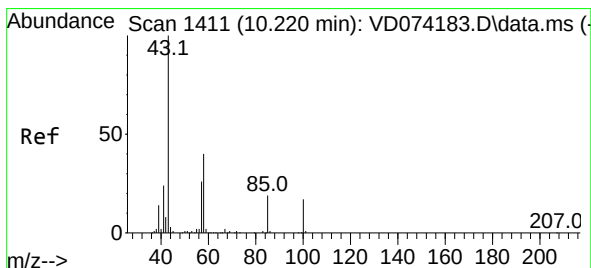
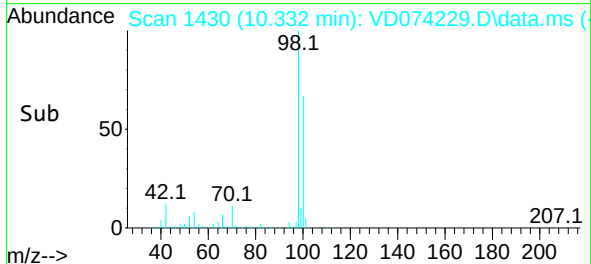
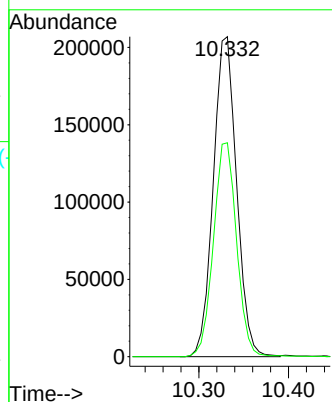
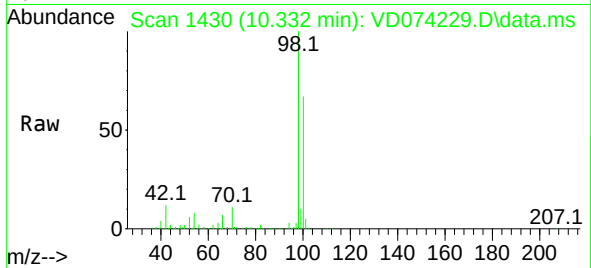




#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

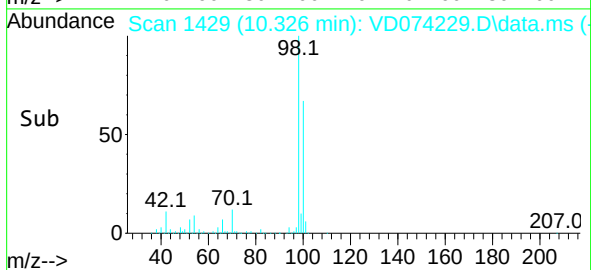
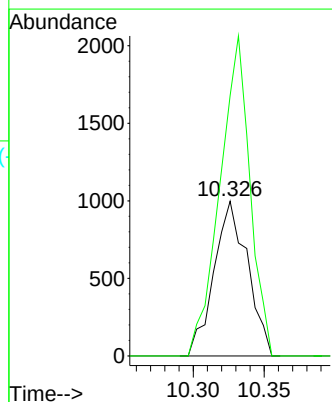
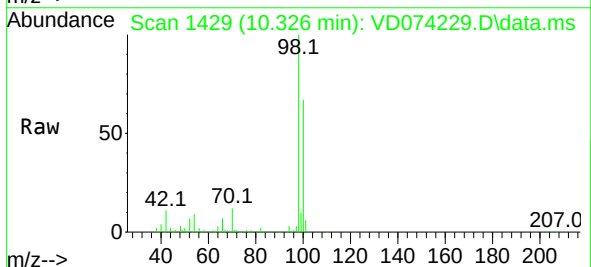
Instrument :
MSVOA_D
ClientSampleId :
B-3

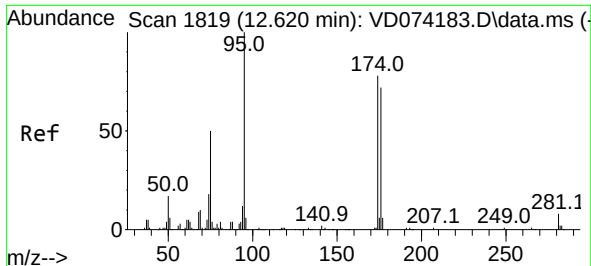
Tgt Ion: 98 Resp: 373466
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.167 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. 0.106 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
58 186.2 28.6 43.0#

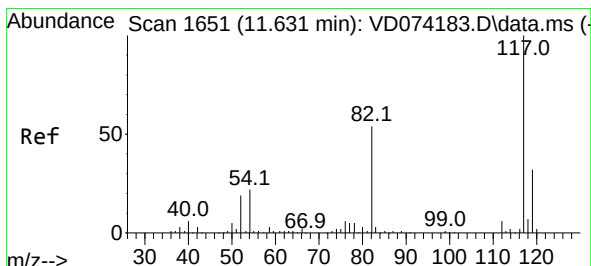
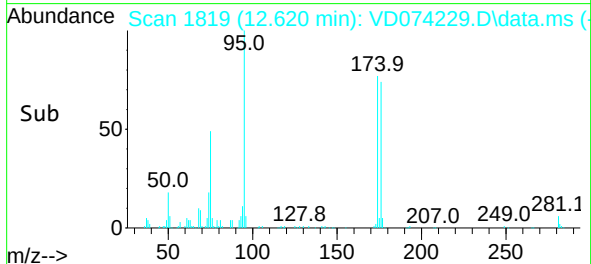
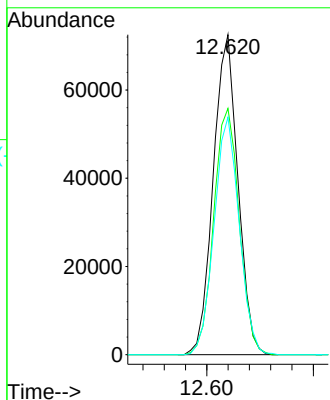
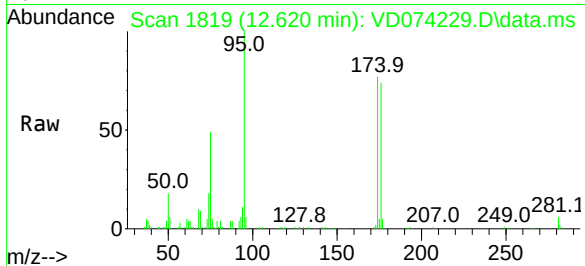




#62
4-Bromofluorobenzene
Concen: 39.089 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

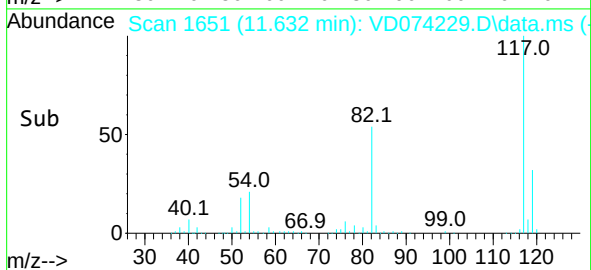
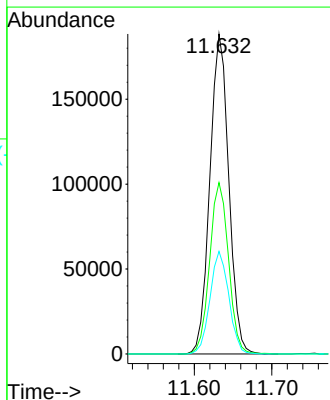
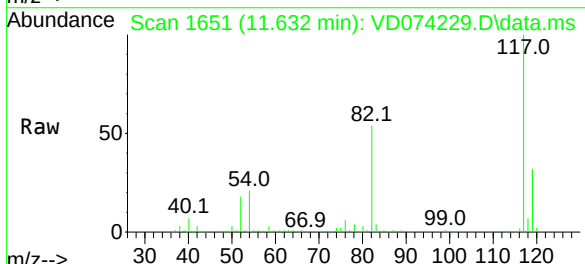
Instrument :
MSVOA_D
ClientSampleId :
B-3

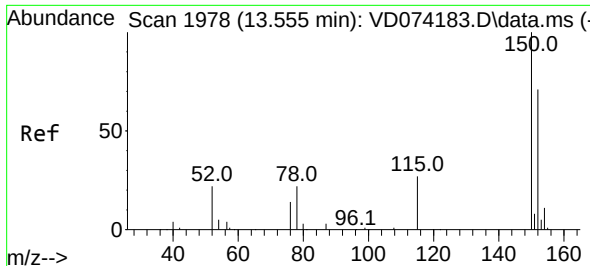
Tgt Ion: 95 Resp: 116387
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 75.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

Tgt Ion: 117 Resp: 318885
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 32.1 26.6 40.0

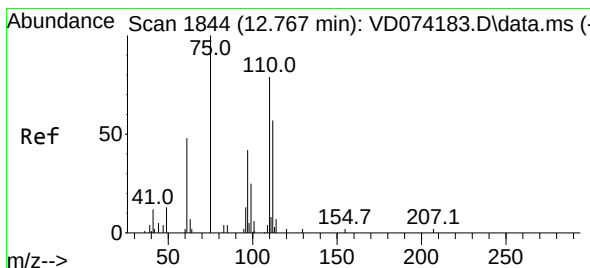
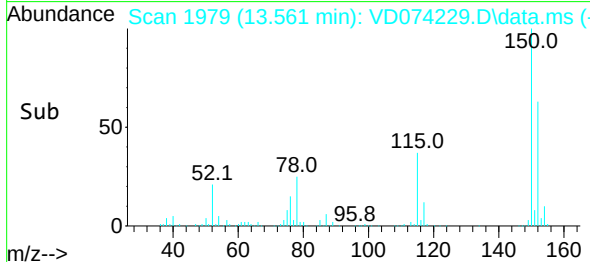
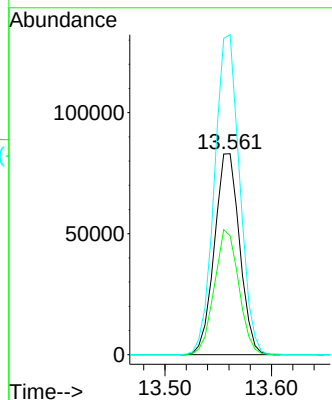
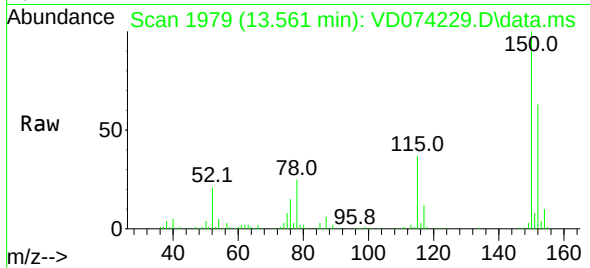




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1978
 Delta R.T. 0.006 min
 Lab File: VD074229.D
 Acq: 24 Aug 2022 18:03

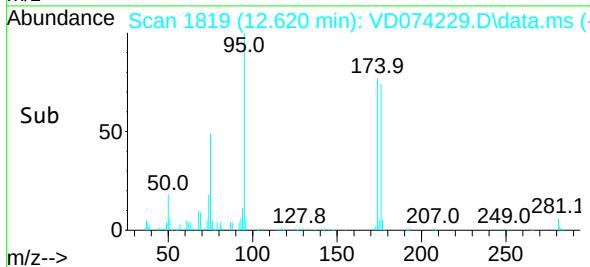
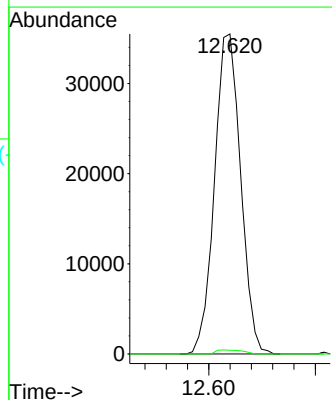
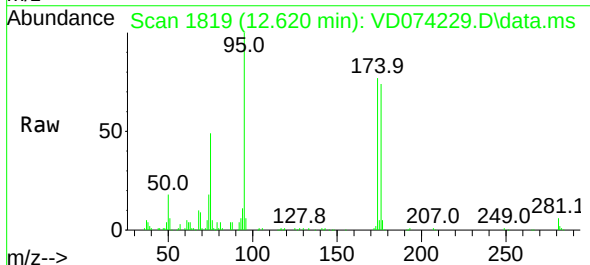
Instrument :
 MSVOA_D
 ClientSampleId :
 B-3

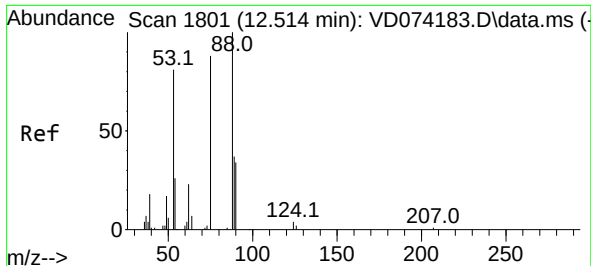
Tgt Ion:152 Resp: 136048
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.3 93.8
 150 159.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 45.445 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD074229.D
 Acq: 24 Aug 2022 18:03

Tgt Ion: 75 Resp: 60369
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

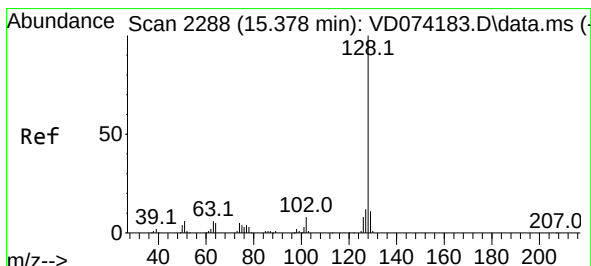
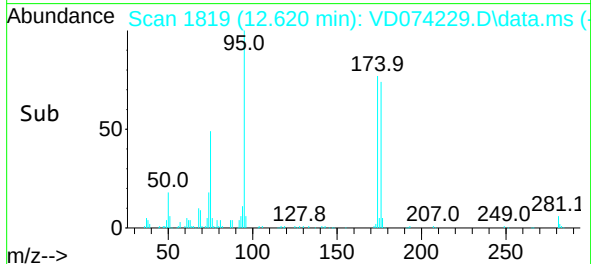
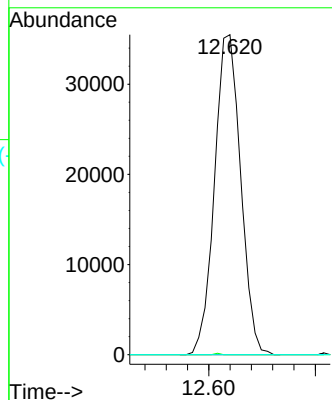
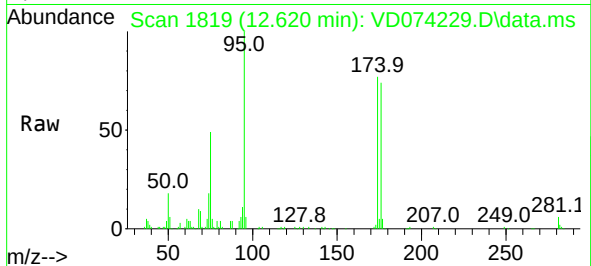




#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.868 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD074229.D
 Acq: 24 Aug 2022 18:03

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3

Tgt Ion: 75 Resp: 60369
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.0 33.9 50.9#



#95
 Naphthalene
 Concen: 3.450 ug/l
 RT: 15.367 min Scan# 2286
 Delta R.T. -0.011 min
 Lab File: VD074229.D
 Acq: 24 Aug 2022 18:03

Tgt Ion: 128 Resp: 123
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.4 12.6#

