

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070912.D
 Acq On : 03 Nov 2021 16:04
 Operator : VA/SY
 Sample : M4475-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01B

Quant Time: Nov 03 22:11:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	11109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	16962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	18050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	7573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8169	73.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.220%
35) Dibromofluoromethane	7.920	113	5944	53.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.300%
50) Toluene-d8	10.332	98	21844	51.916	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.620	95	7007	50.473	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.940%

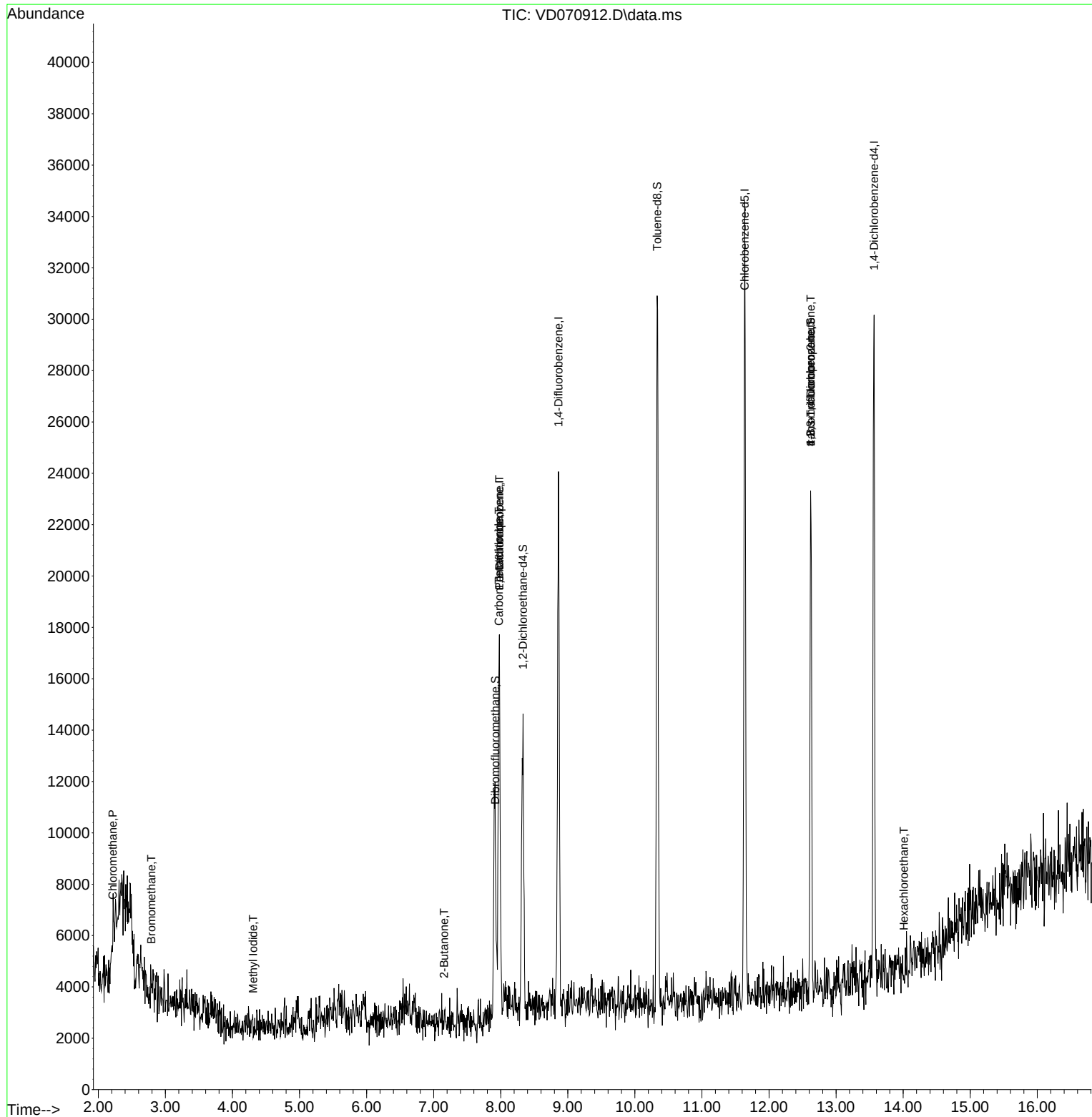
Target Compounds					Qvalue	
3) Chloromethane	2.215	50	345	2.366	ug/l #	51
5) Bromomethane	2.791	94	723	3.433	ug/l	99
10) Methyl Iodide	4.309	142	151	4.651	ug/l #	40
20) Methylene Chloride	4.967	84	492	Below Cal	#	27
25) 2-Butanone	7.156	43	86	2.688	ug/l #	45
36) 1,1-Dichloropropene	7.979	75	806	4.542	ug/l #	41
38) Carbon Tetrachloride	7.973	117	850	4.763	ug/l #	12
76) 1,2,3-Trichloropropane	12.620	75	3458	46.385	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	3458	121.745	ug/l #	18
90) Hexachloroethane	14.008	117	116	1.140	ug/l #	14

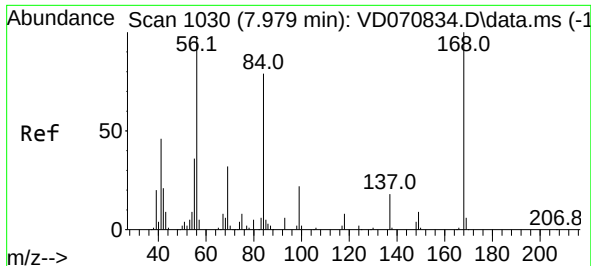
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
Data File : VD070912.D
Acq On : 03 Nov 2021 16:04
Operator : VA/SY
Sample : M4475-02
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB01B

Quant Time: Nov 03 22:11:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration

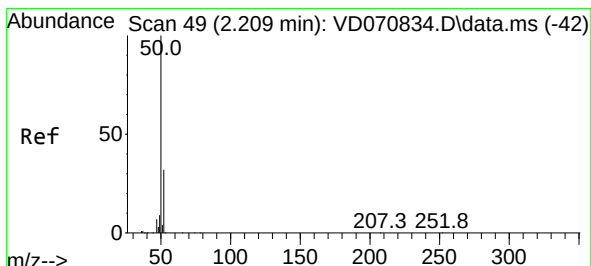
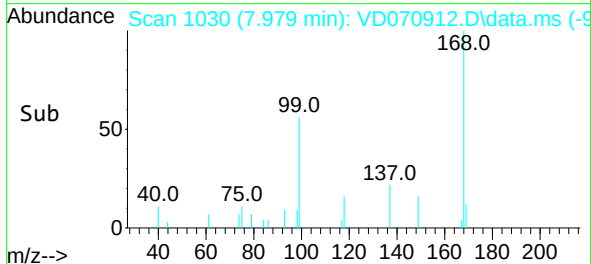
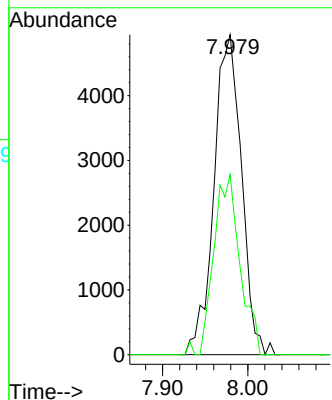
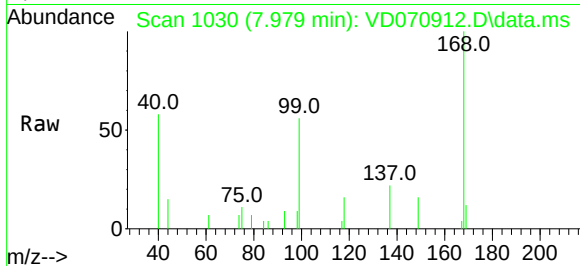




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

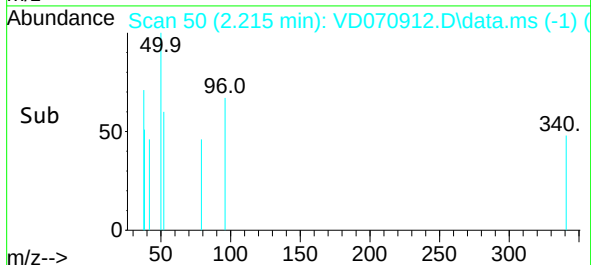
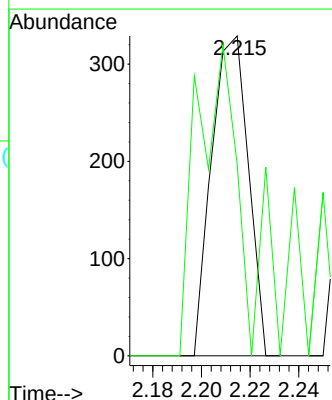
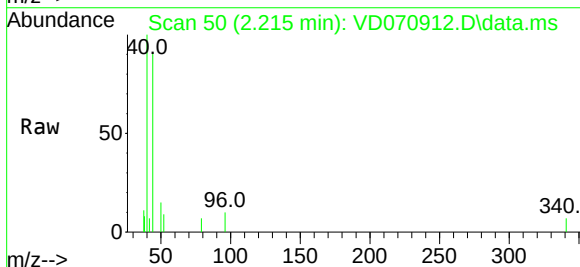
Instrument :
MSVOA_D
ClientSampleId :
SB01B

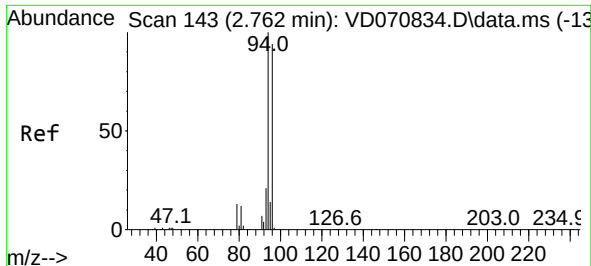
Tgt Ion:168 Resp: 11109
Ion Ratio Lower Upper
168 100
99 56.3 46.6 69.8



#3
Chloromethane
Concen: 2.366 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

Tgt Ion: 50 Resp: 345
Ion Ratio Lower Upper
50 100
52 59.9 25.8 38.8#

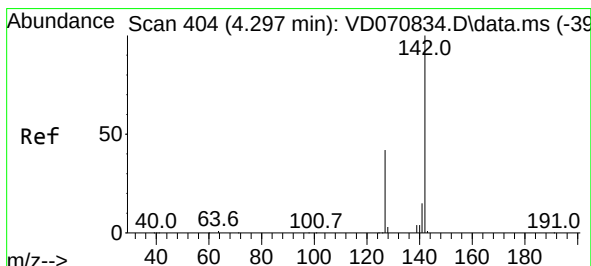
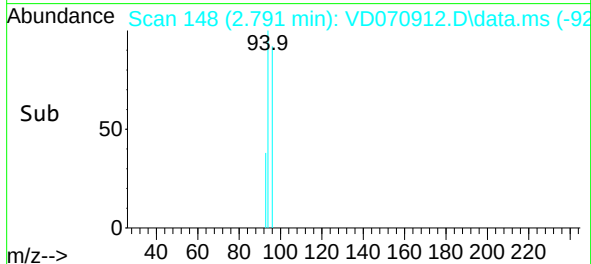
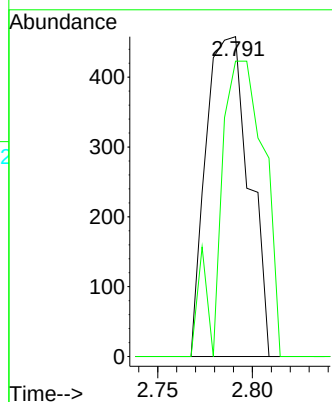
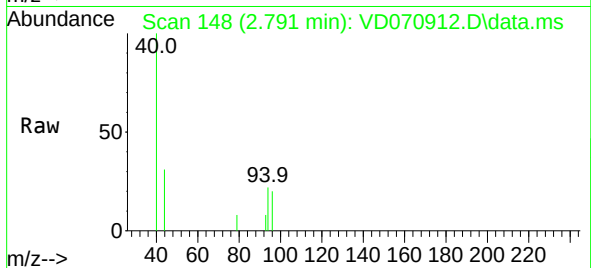




#5
Bromomethane
Concen: 3.433 ug/l
RT: 2.791 min Scan# 14
Delta R.T. 0.029 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

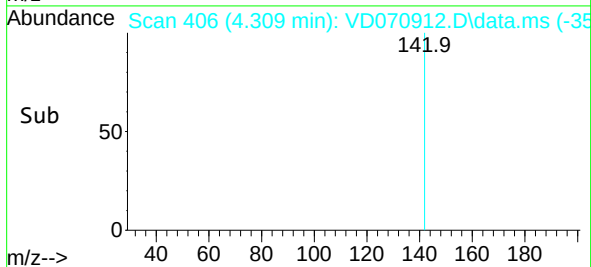
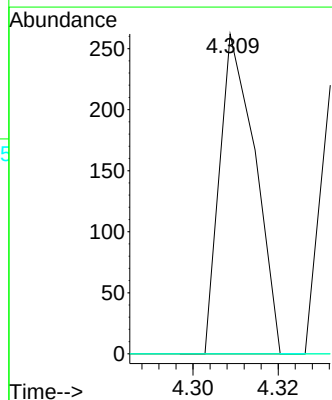
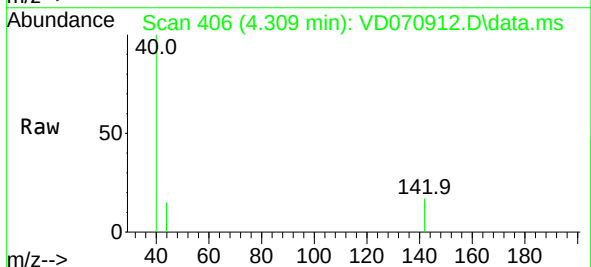
Instrument :
MSVOA_D
ClientSampleId :
SB01B

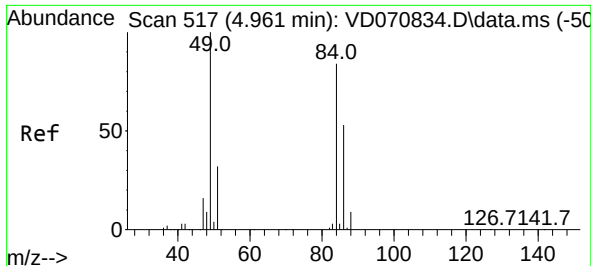
Tgt Ion: 94 Resp: 723
Ion Ratio Lower Upper
94 100
96 92.4 74.8 112.2



#10
Methyl Iodide
Concen: 4.651 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

Tgt Ion: 142 Resp: 151
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#

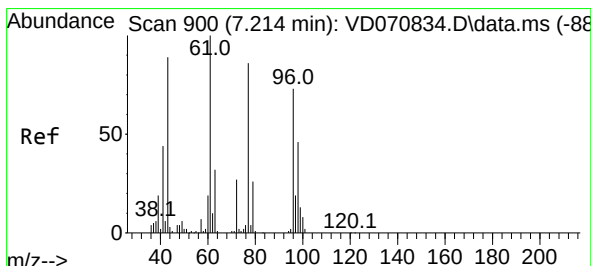
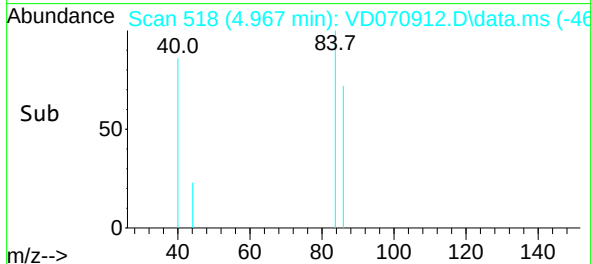
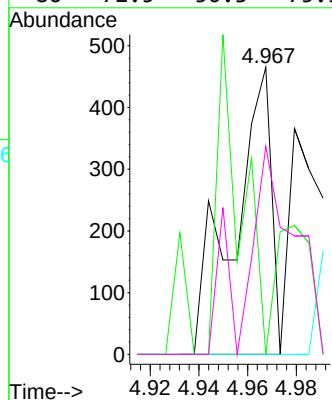
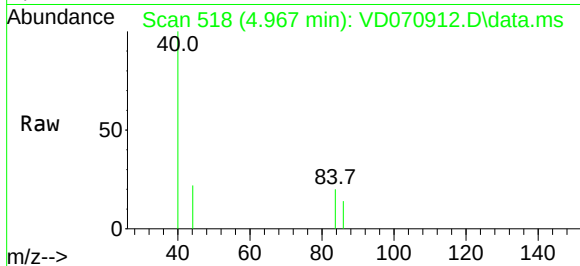




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

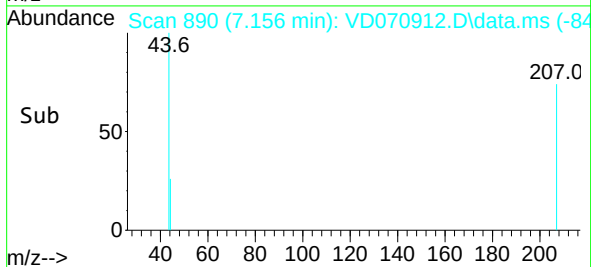
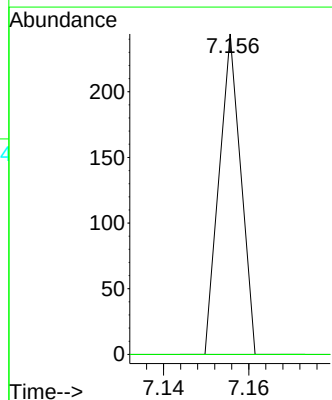
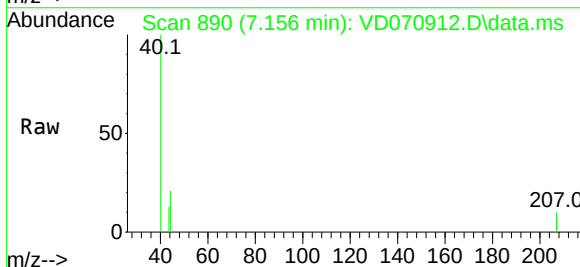
Instrument :
MSVOA_D
ClientSampleId :
SB01B

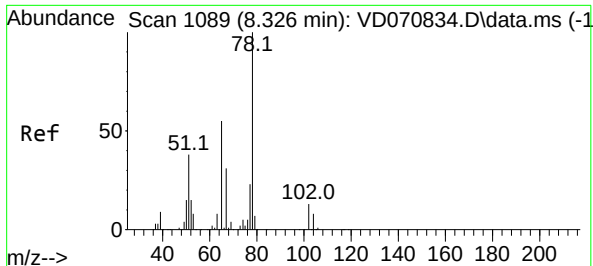
Tgt Ion:	84	Resp:	492
Ion	Ratio	Lower	Upper
84	100		
49	0.0	95.8	143.6#
51	0.0	30.9	46.3#
86	72.5	50.3	75.5



#25
2-Butanone
Concen: 2.688 ug/l
RT: 7.156 min Scan# 890
Delta R.T. -0.059 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

Tgt Ion:	43	Resp:	86
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.8	35.6#





#33

1,2-Dichloroethane-d4

Concen: 73.114 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD070912.D

Acq: 03 Nov 2021 16:04

Instrument :

MSVOA_D

ClientSampleId :

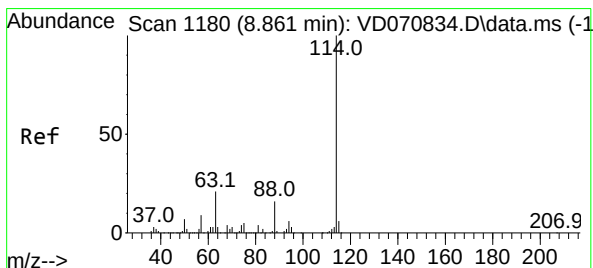
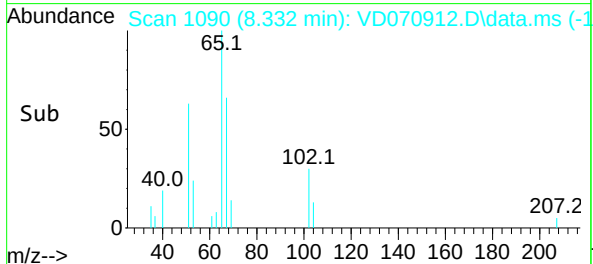
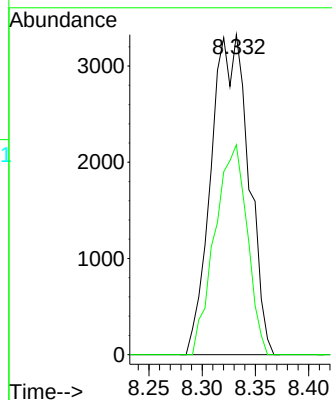
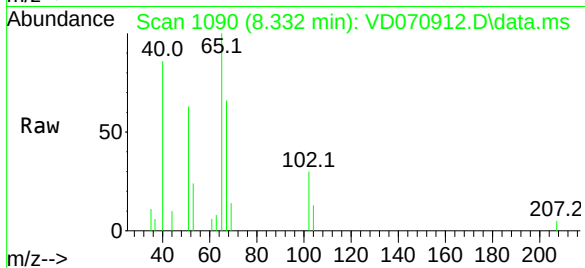
SB01B

Tgt Ion: 65 Resp: 8169

Ion Ratio Lower Upper

65 100

67 56.2 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070912.D

Acq: 03 Nov 2021 16:04

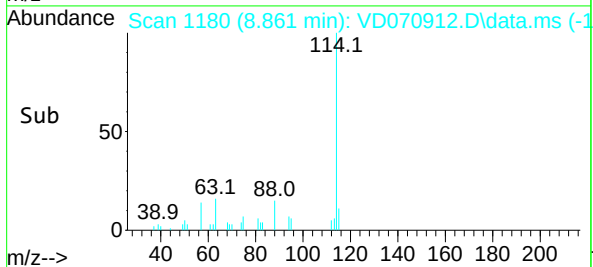
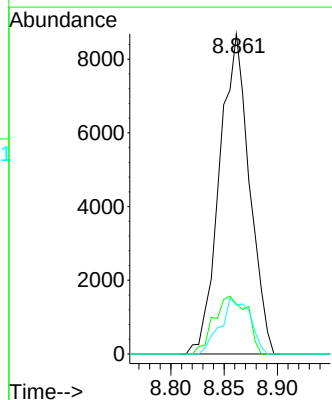
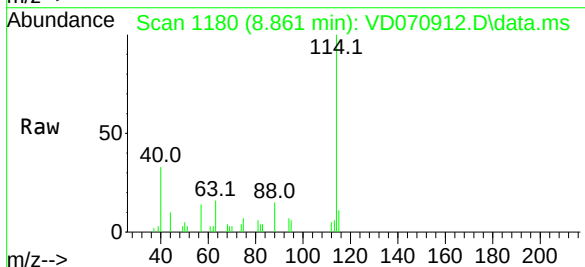
Tgt Ion: 114 Resp: 16962

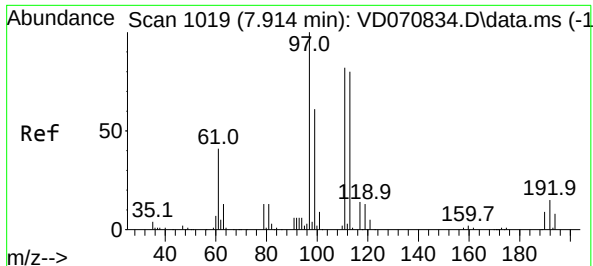
Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.8

88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.148 ug/l

RT: 7.920 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD070912.D

Acq: 03 Nov 2021 16:04

Instrument :

MSVOA_D

ClientSampleId :

SB01B

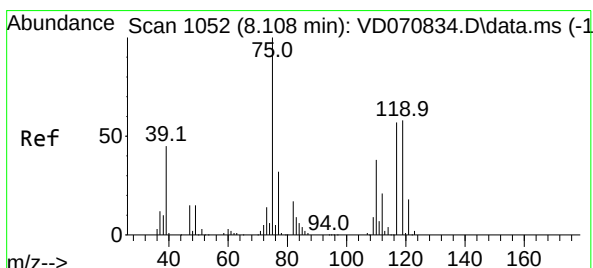
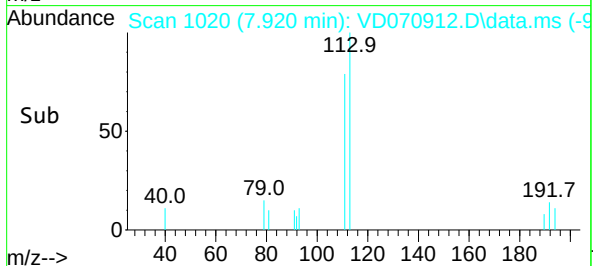
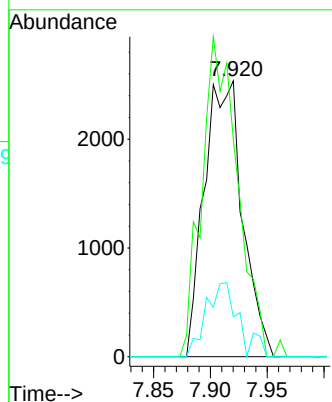
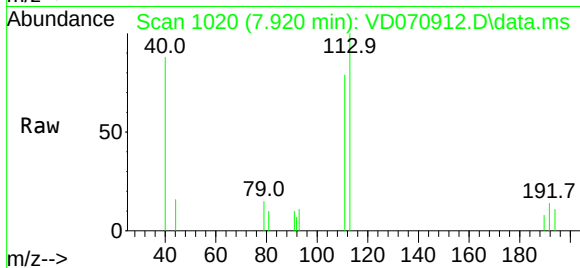
Tgt Ion:113 Resp: 5944

Ion Ratio Lower Upper

113 100

111 107.8 82.0 123.0

192 22.9 15.2 22.8#



#36

1,1-Dichloropropene

Concen: 4.542 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070912.D

Acq: 03 Nov 2021 16:04

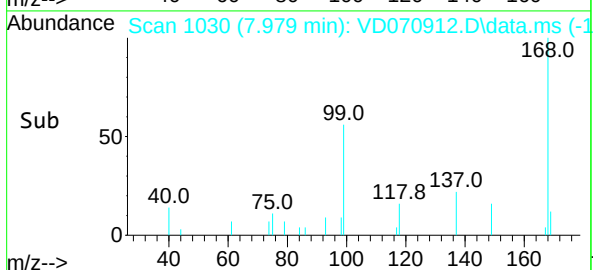
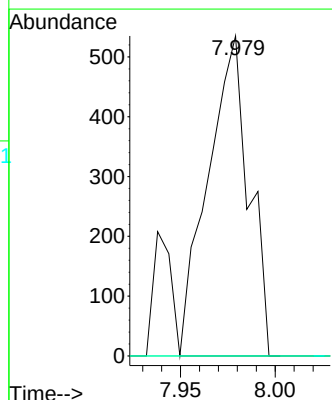
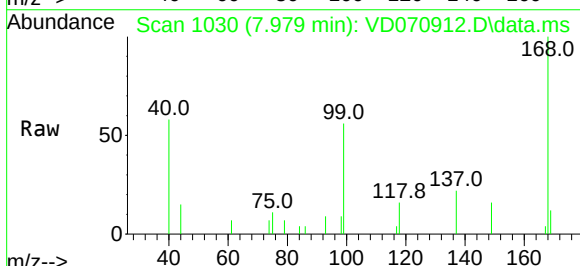
Tgt Ion: 75 Resp: 806

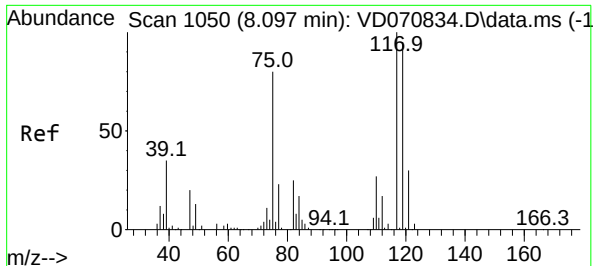
Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.4#

77 0.0 24.8 37.2#

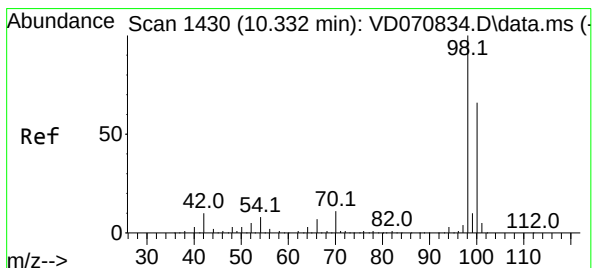
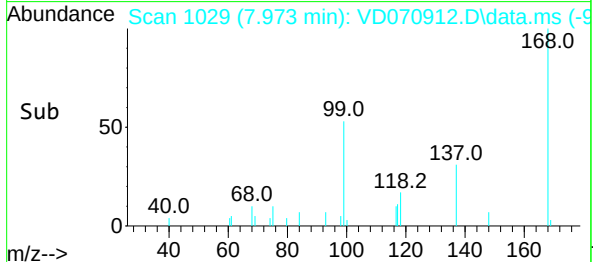
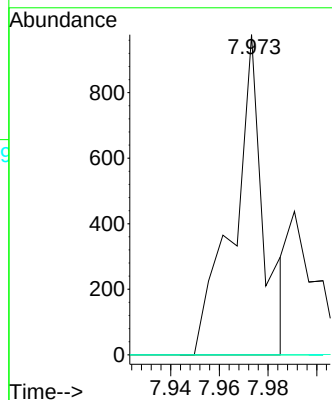
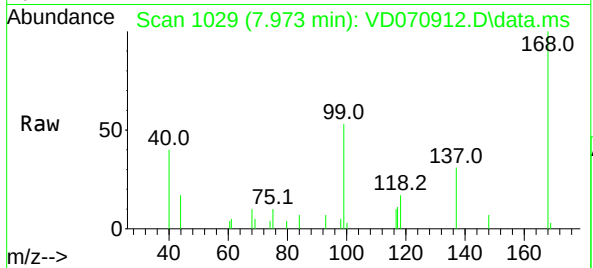




#38
Carbon Tetrachloride
Concen: 4.763 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.123 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

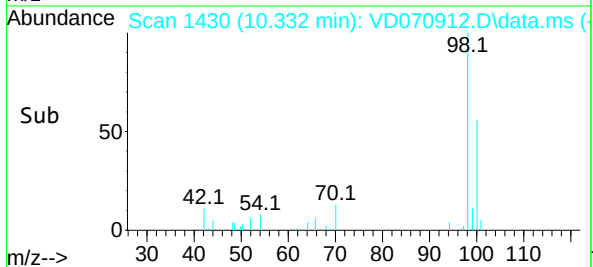
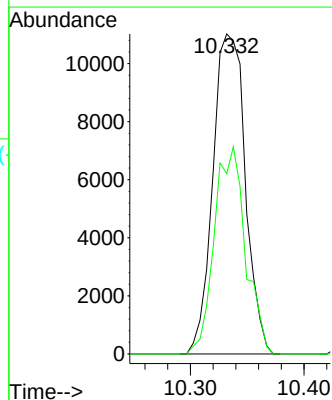
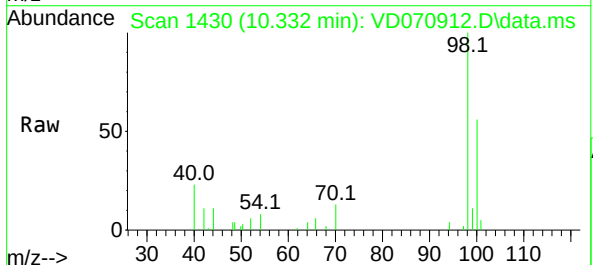
Instrument :
MSVOA_D
ClientSampleId :
SB01B

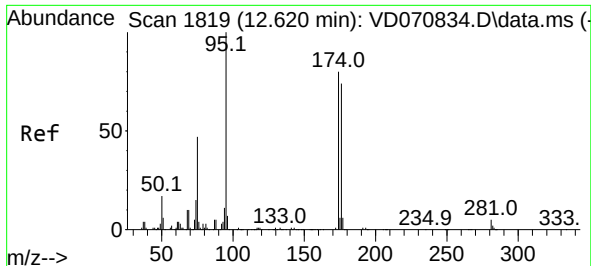
Tgt Ion:117 Resp: 850
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 51.916 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

Tgt Ion: 98 Resp: 21844
Ion Ratio Lower Upper
98 100
100 62.1 51.8 77.6

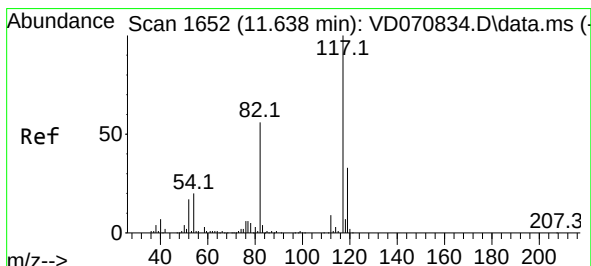
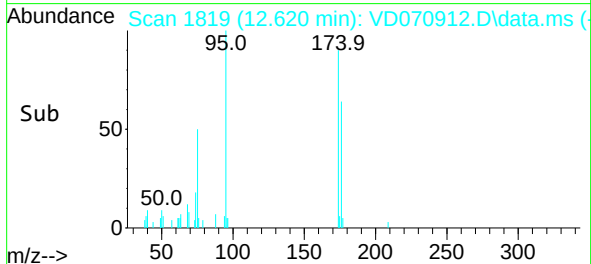
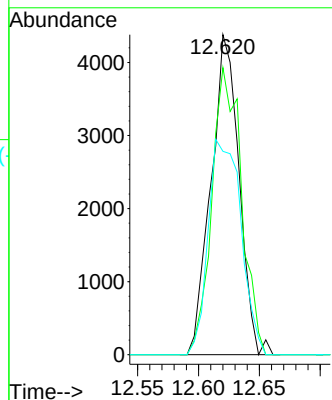
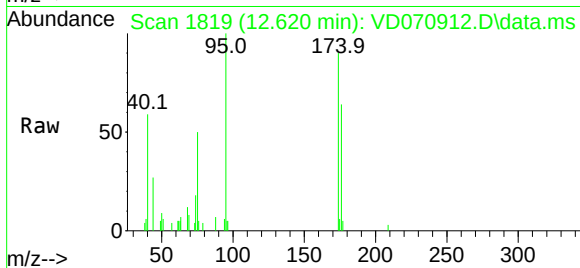




#62
4-Bromofluorobenzene
Concen: 50.473 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

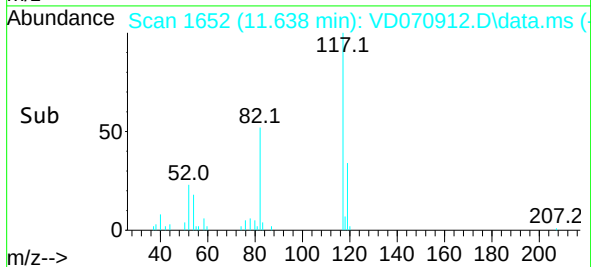
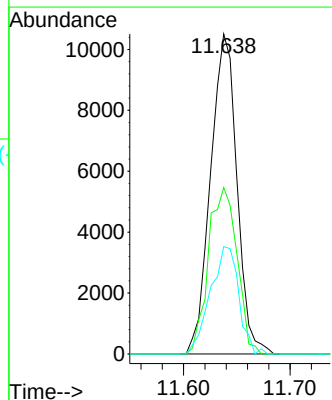
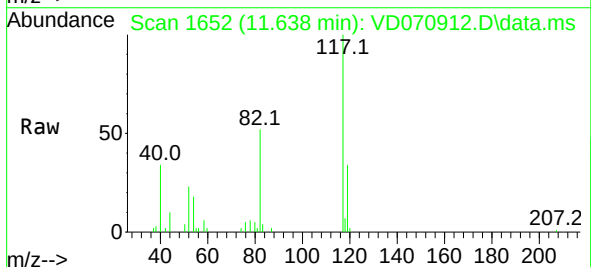
Instrument :
MSVOA_D
ClientSampleId :
SB01B

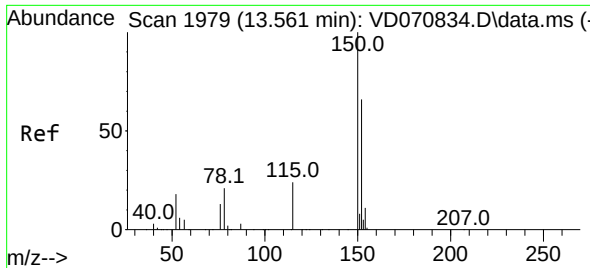
Tgt Ion: 95 Resp: 7007
Ion Ratio Lower Upper
95 100
174 94.6 0.0 159.4
176 78.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

Tgt Ion: 117 Resp: 18050
Ion Ratio Lower Upper
117 100
82 52.0 44.7 67.1
119 33.6 26.2 39.4

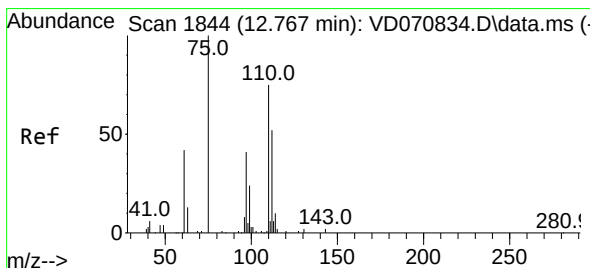
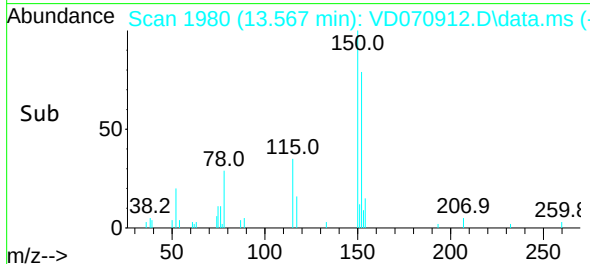
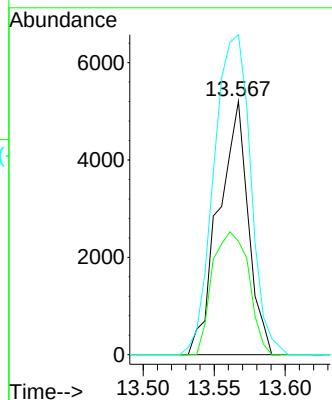
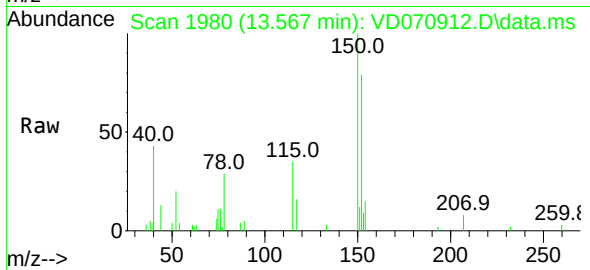




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD070912.D
 Acq: 03 Nov 2021 16:04

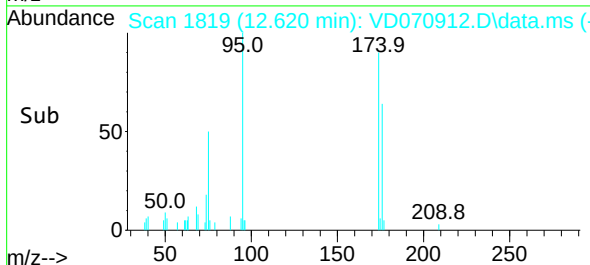
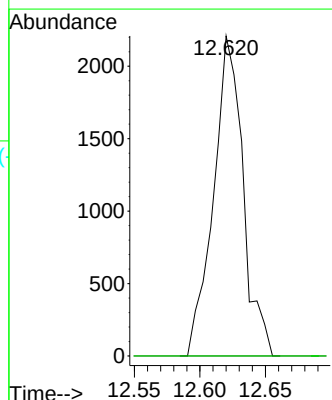
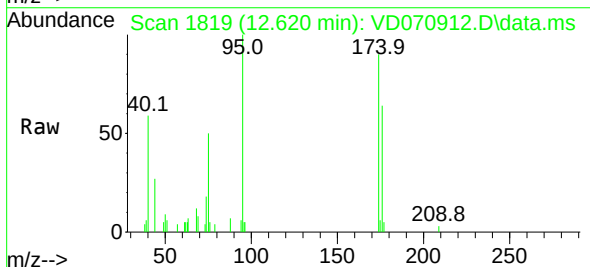
Instrument :
 MSVOA_D
 ClientSampleId :
 SB01B

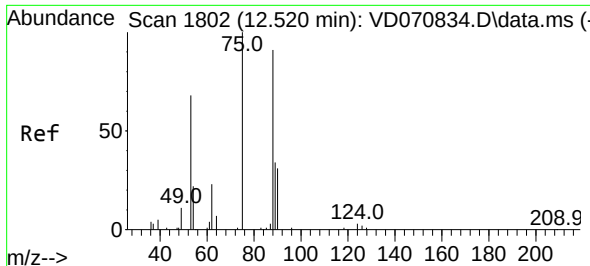
Tgt Ion:152 Resp: 7573
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.8 89.3
 150 155.8 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 46.385 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD070912.D
 Acq: 03 Nov 2021 16:04

Tgt Ion: 75 Resp: 3458
 Ion Ratio Lower Upper
 75 100
 77 0.0 158.4 475.3#

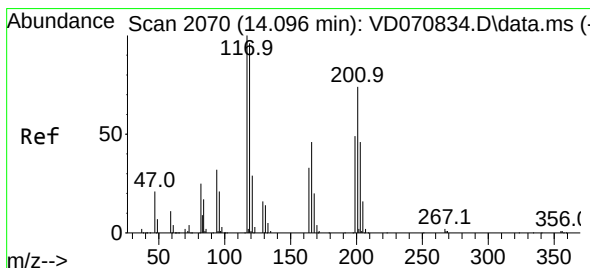
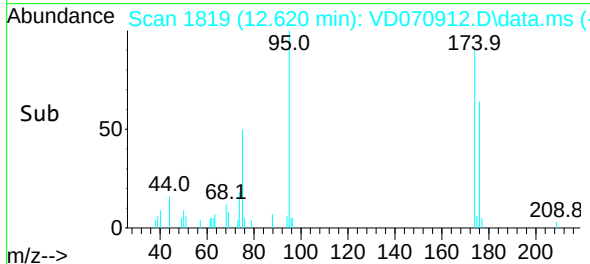
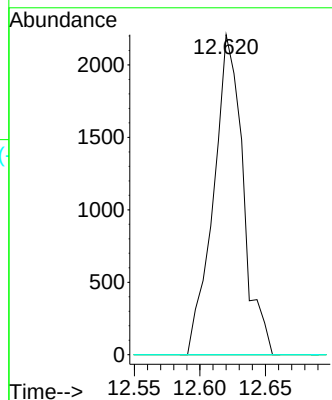
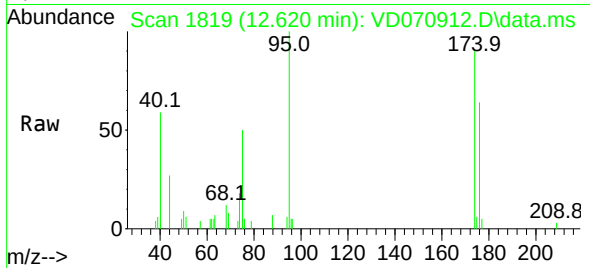




#81
trans-1,4-Dichloro-2-butene
Concen: 121.745 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

Instrument :
MSVOA_D
ClientSampleId :
SB01B

Tgt Ion: 75 Resp: 3458
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#



#90
Hexachloroethane
Concen: 1.140 ug/l
RT: 14.008 min Scan# 2055
Delta R.T. -0.088 min
Lab File: VD070912.D
Acq: 03 Nov 2021 16:04

Tgt Ion: 117 Resp: 116
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#

