

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072610.D
 Acq On : 18 Apr 2022 21:09
 Operator : VA/SY
 Sample : N2444-12
 Misc : 4.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12

Quant Time: Apr 19 02:53:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	3088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	6004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	6041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	2239	50.000	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	3216	86.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.180%#
35) Dibromofluoromethane	7.903	113	2937	62.945	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.900%
50) Toluene-d8	10.338	98	6679	41.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.360%
62) 4-Bromofluorobenzene	12.626	95	2401	37.905	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.800%

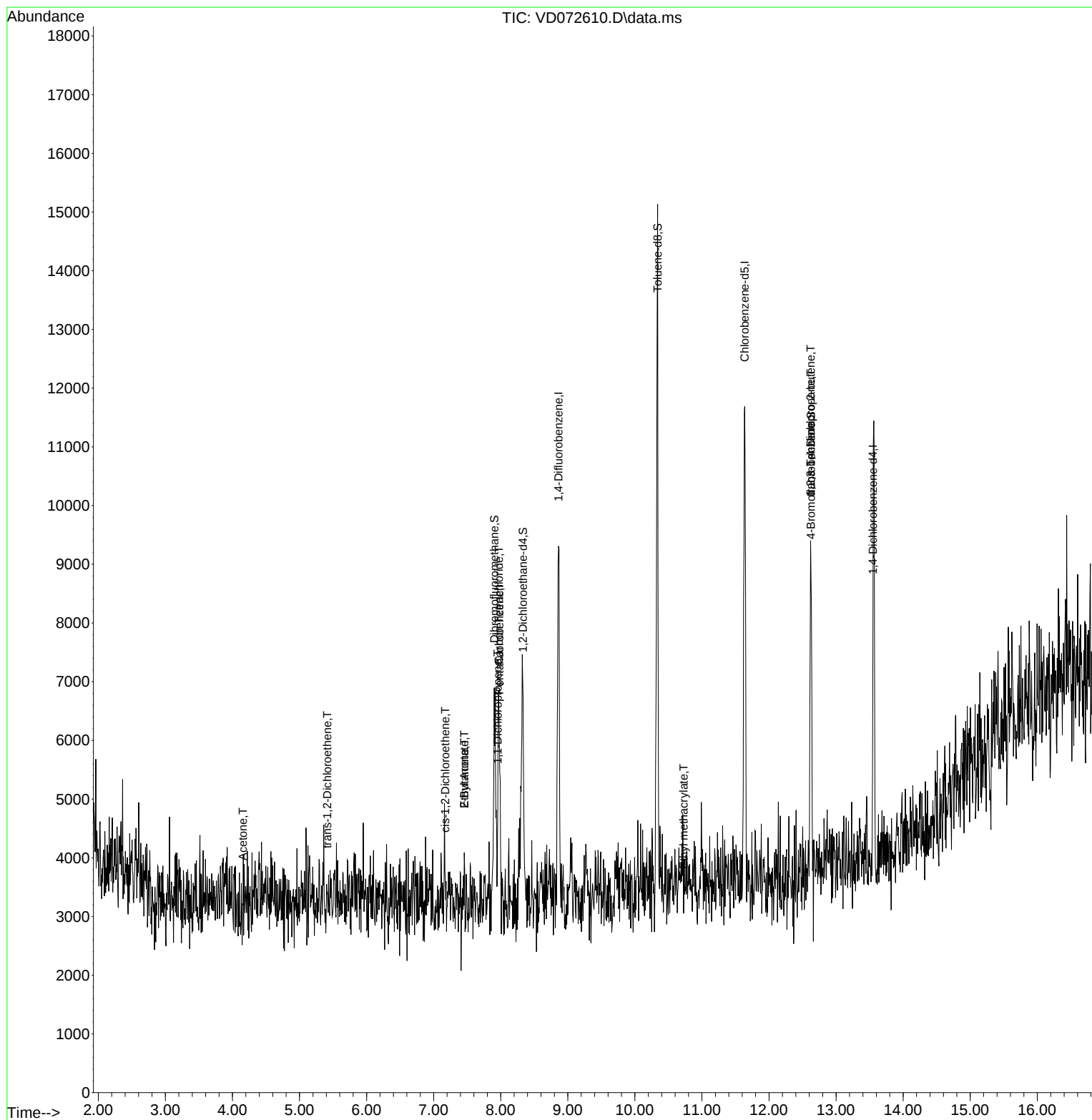
Target Compounds					Qvalue	
16) Acetone	4.156	43	161	23.114	ug/l #	47
21) trans-1,2-Dichloroethene	5.414	96	63	2.587	ug/l #	1
25) 2-Butanone	7.456	43	62	6.436	ug/l #	52
27) cis-1,2-Dichloroethene	7.173	96	70	1.662	ug/l #	1
36) 1,1-Dichloropropene	7.956	75	53	1.993	ug/l #	43
37) Ethyl Acetate	7.456	43	62	2.508	ug/l #	72
38) Carbon Tetrachloride	7.973	117	251	3.905	ug/l #	13
56) Ethyl methacrylate	10.726	69	61	2.534	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	1252	51.270	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	1252	125.806	ug/l #	7

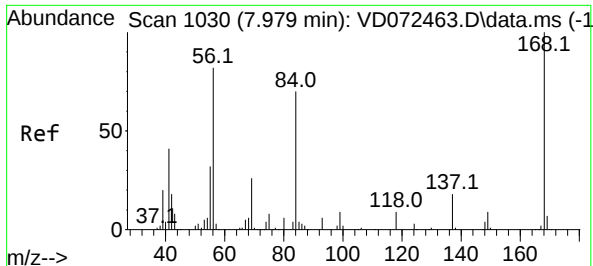
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
Data File : VD072610.D
Acq On : 18 Apr 2022 21:09
Operator : VA/SY
Sample : N2444-12
Misc : 4.34G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12

Quant Time: Apr 19 02:53:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

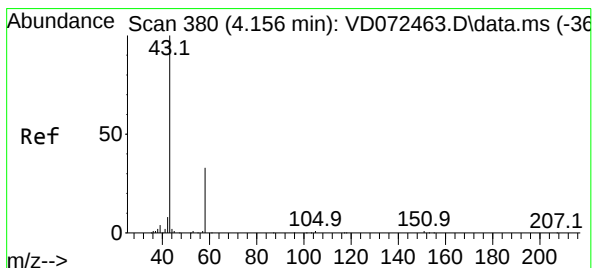
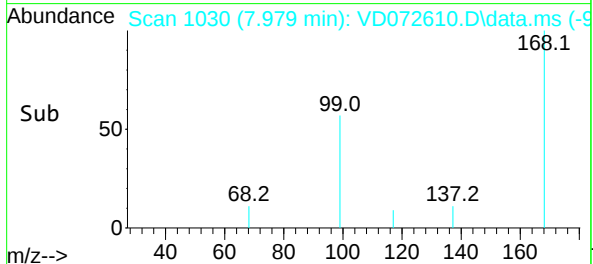
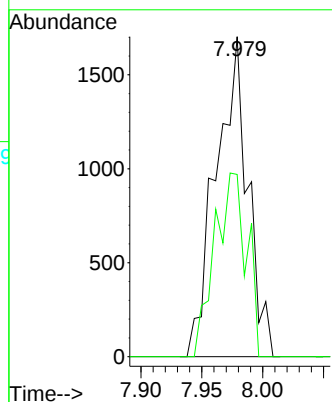
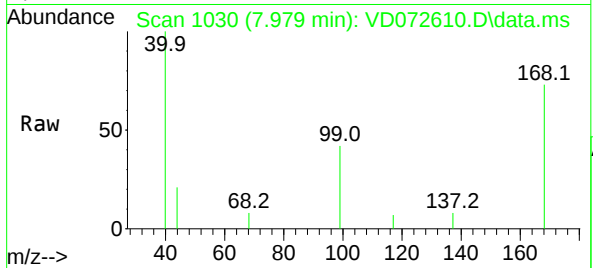




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

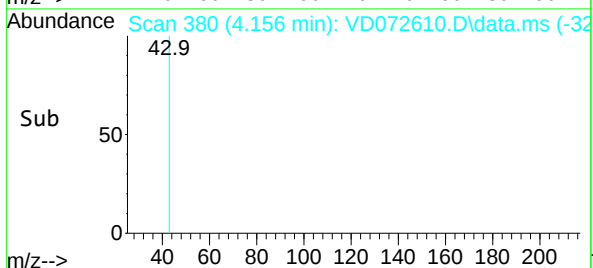
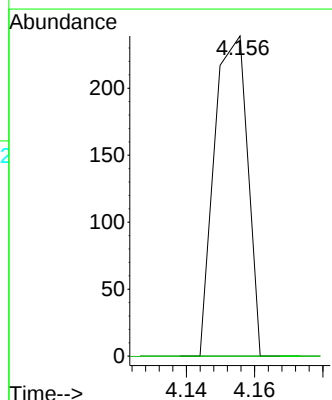
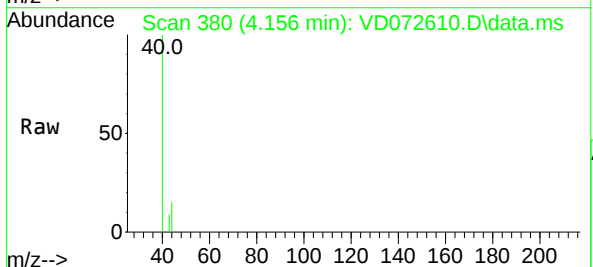
Instrument :
MSVOA_D
ClientSampleId :
SB-12

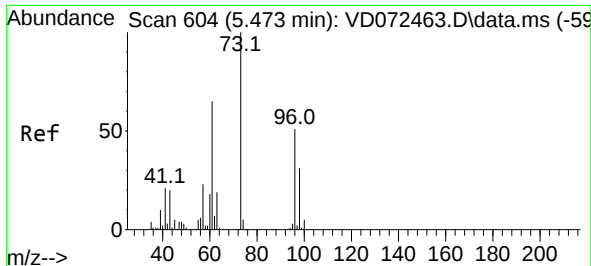
Tgt Ion:168 Resp: 3088
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#16
Acetone
Concen: 23.114 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

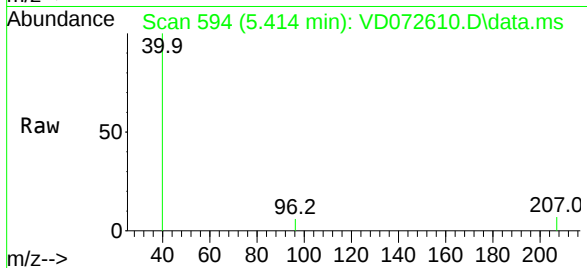
Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



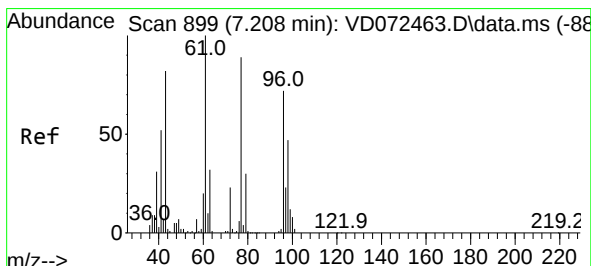
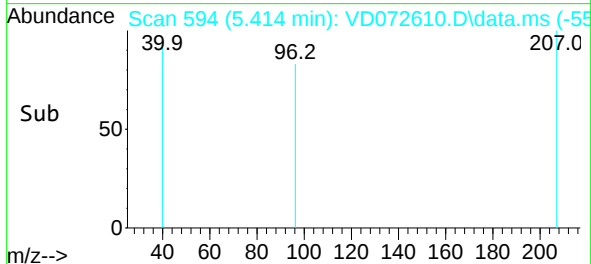
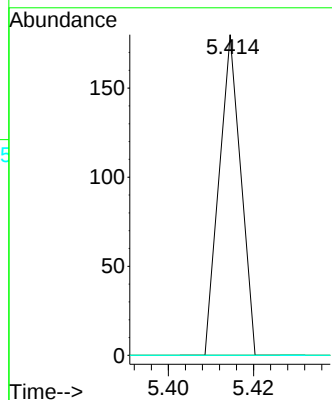


#21
trans-1,2-Dichloroethene
Concen: 2.587 ug/l
RT: 5.414 min Scan# 51
Delta R.T. -0.059 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

Instrument :
MSVOA_D
ClientSampleId :
SB-12

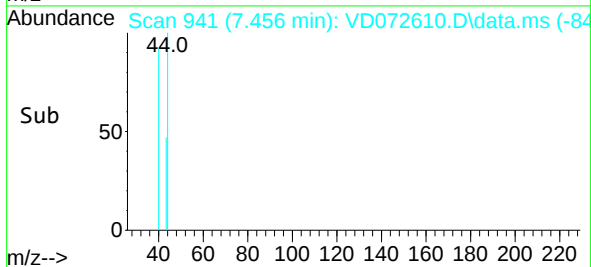
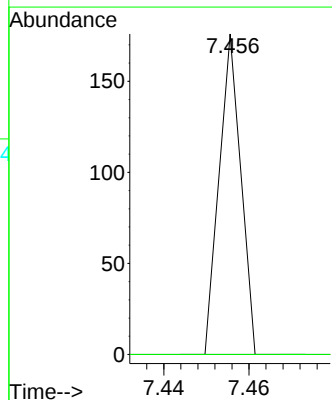
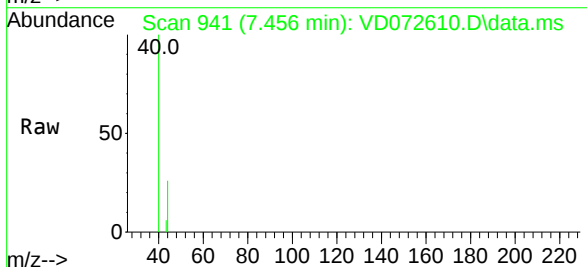


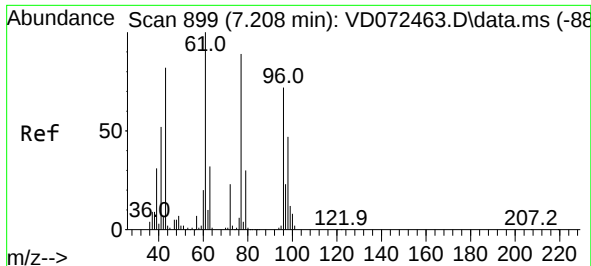
Tgt Ion: 96 Resp: 63
Ion Ratio Lower Upper
96 100
61 0.0 117.9 176.9#
98 0.0 49.4 74.2#



#25
2-Butanone
Concen: 6.436 ug/l
RT: 7.456 min Scan# 941
Delta R.T. 0.247 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

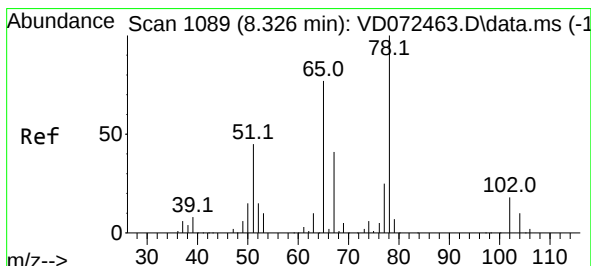
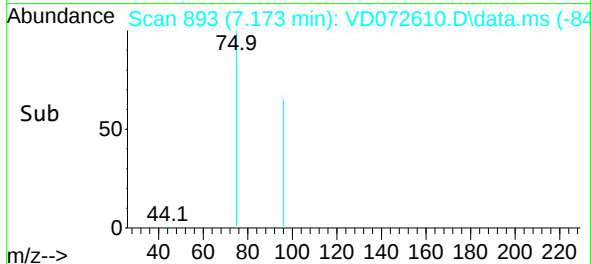
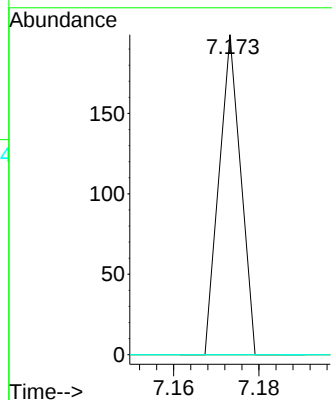
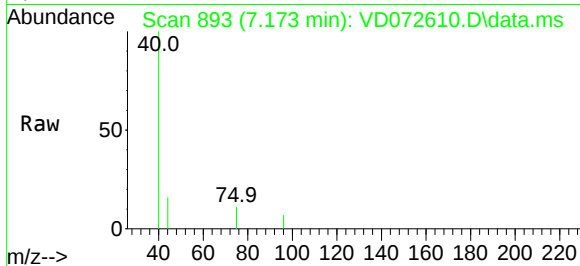




#27
 cis-1,2-Dichloroethene
 Concen: 1.662 ug/l
 RT: 7.173 min Scan# 899
 Delta R.T. -0.035 min
 Lab File: VD072610.D
 Acq: 18 Apr 2022 21:09

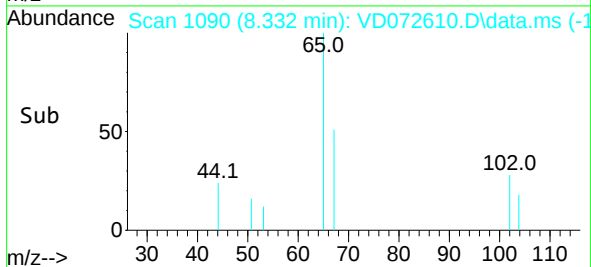
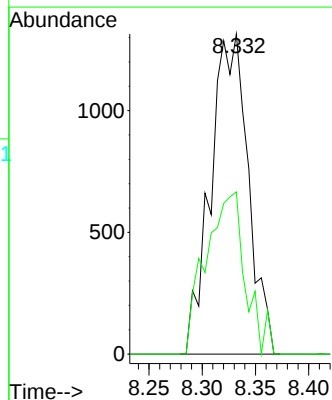
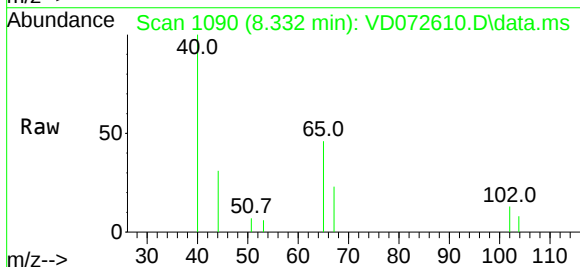
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12

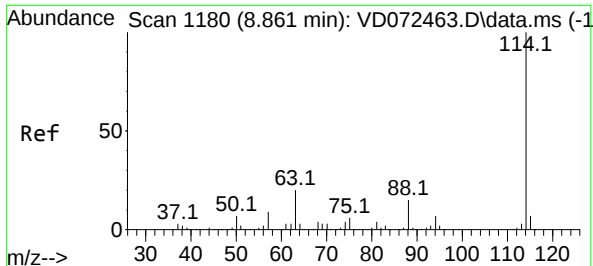
Tgt Ion: 96 Resp: 70
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 313.8
 98 0.0 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 86.092 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: VD072610.D
 Acq: 18 Apr 2022 21:09

Tgt Ion: 65 Resp: 3216
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.4

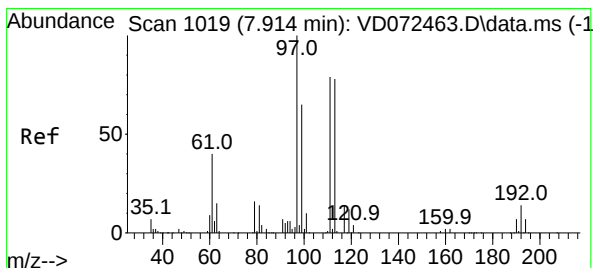
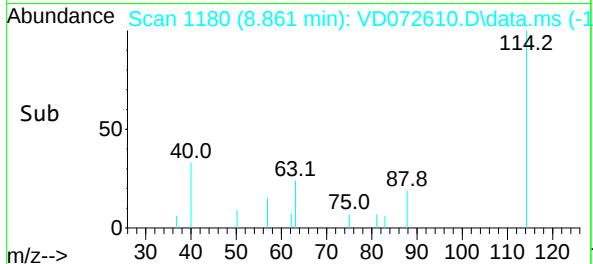
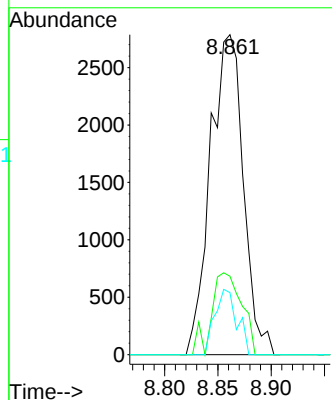
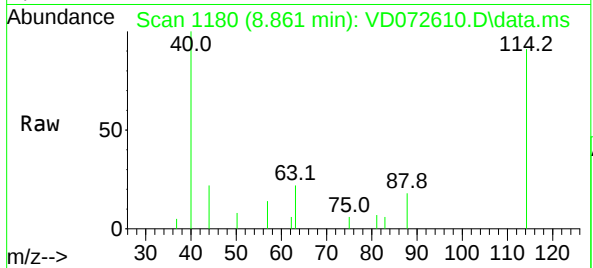




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

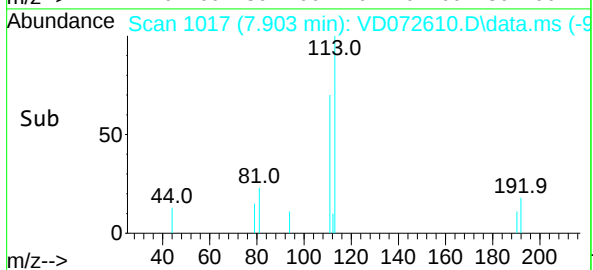
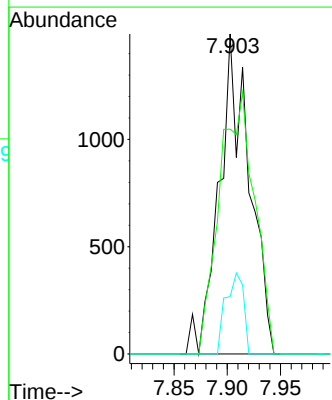
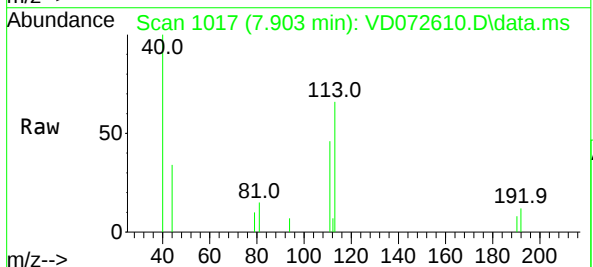
Instrument :
MSVOA_D
ClientSampleId :
SB-12

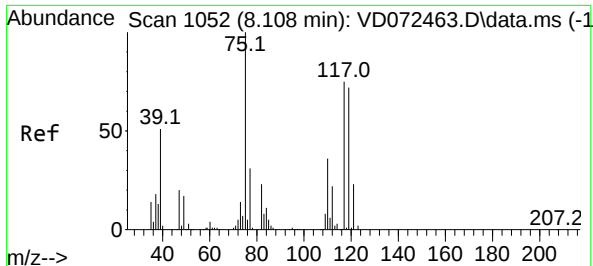
Tgt Ion:114	Resp:	6004
Ion Ratio	Lower	Upper
114	100	
63	24.5	0.0 46.6
88	19.4	0.0 33.2



#35
Dibromofluoromethane
Concen: 62.945 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

Tgt Ion:113	Resp:	2937
Ion Ratio	Lower	Upper
113	100	
111	95.4	83.8 125.6
192	14.7	14.6 21.8





#36

1,1-Dichloropropene

Concen: 1.993 ug/l

RT: 7.956 min Scan# 1052

Delta R.T. -0.152 min

Lab File: VD072610.D

Acq: 18 Apr 2022 21:09

Instrument :

MSVOA_D

ClientSampleId :

SB-12

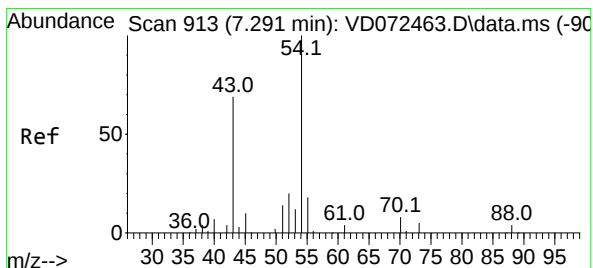
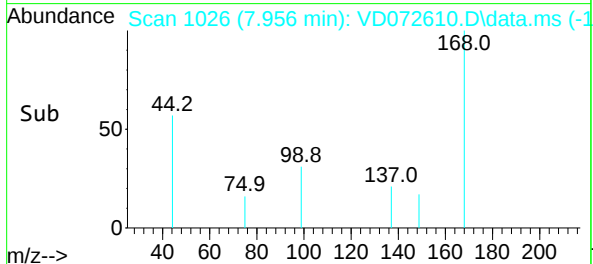
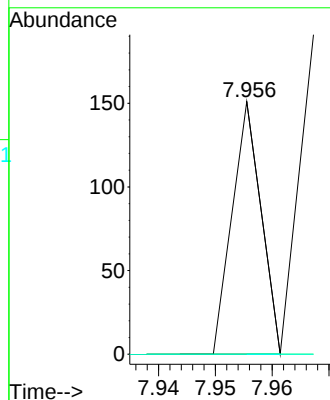
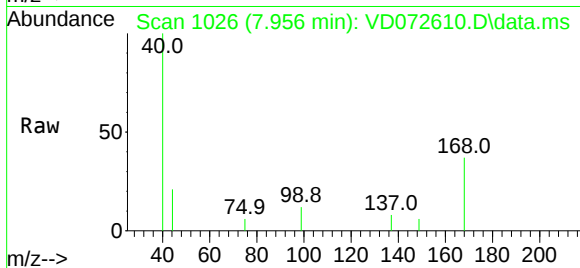
Tgt Ion: 75 Resp: 53

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 2.508 ug/l

RT: 7.456 min Scan# 941

Delta R.T. 0.165 min

Lab File: VD072610.D

Acq: 18 Apr 2022 21:09

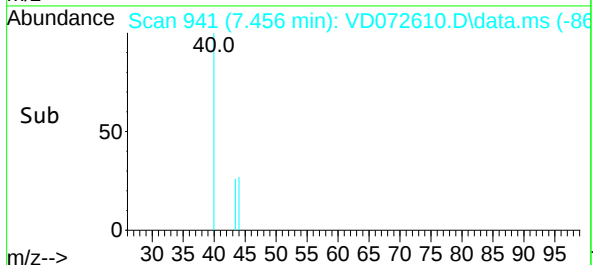
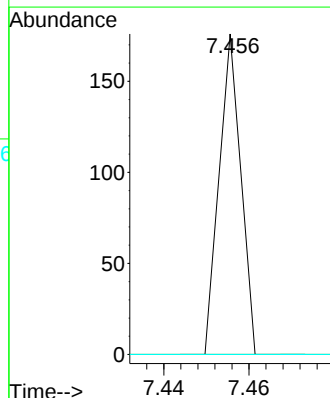
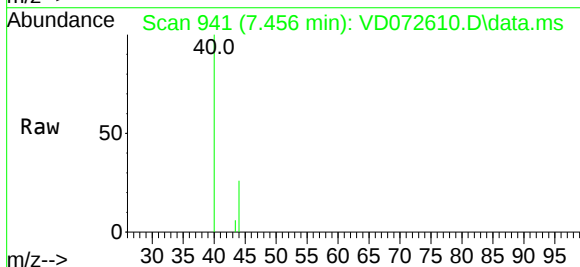
Tgt Ion: 43 Resp: 62

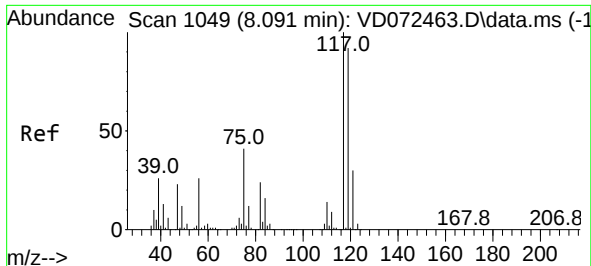
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#





#38

Carbon Tetrachloride

Concen: 3.905 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD072610.D

Acq: 18 Apr 2022 21:09

Instrument :

MSVOA_D

ClientSampleId :

SB-12

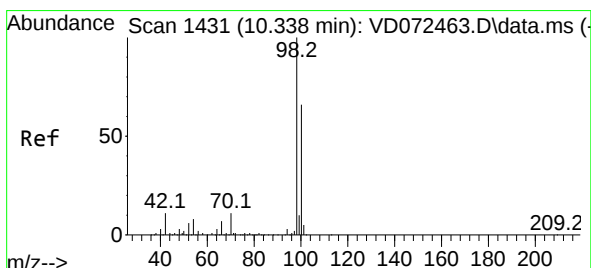
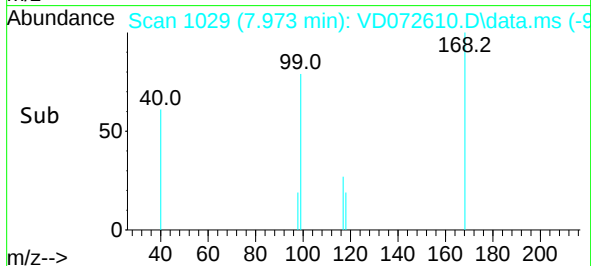
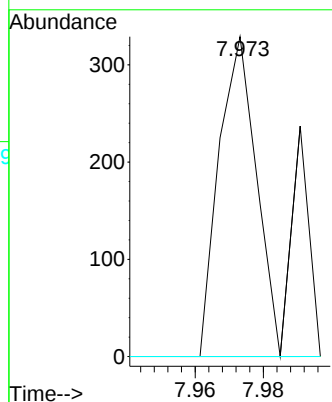
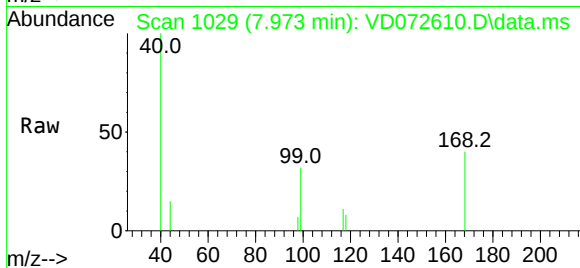
Tgt Ion:117 Resp: 251

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 41.180 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD072610.D

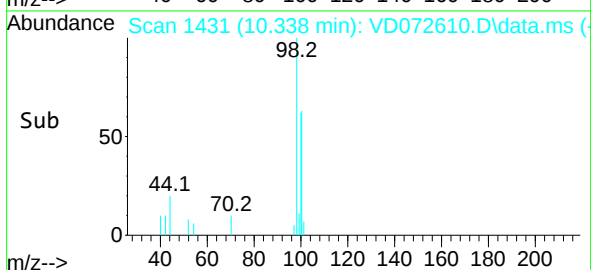
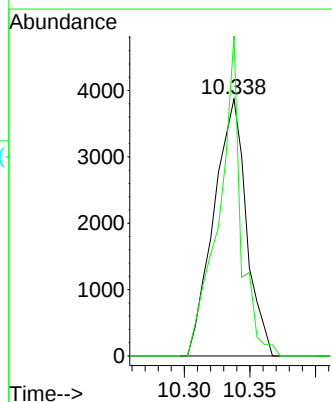
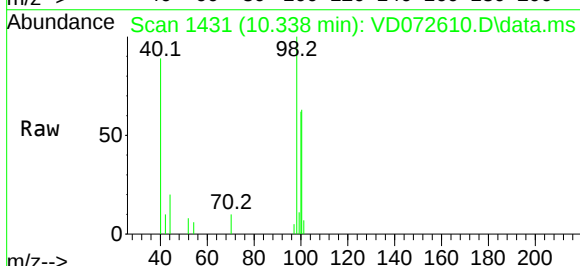
Acq: 18 Apr 2022 21:09

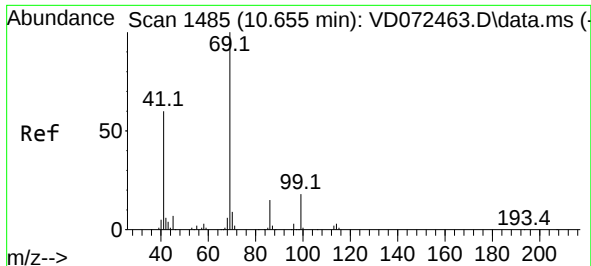
Tgt Ion: 98 Resp: 6679

Ion Ratio Lower Upper

98 100

100 84.4 52.4 78.6#

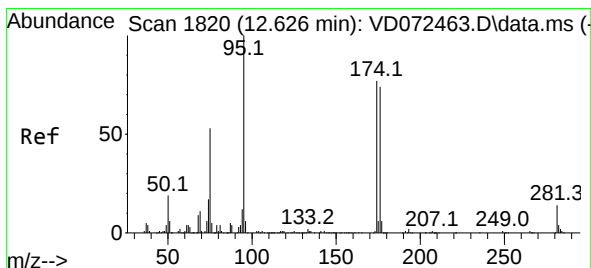
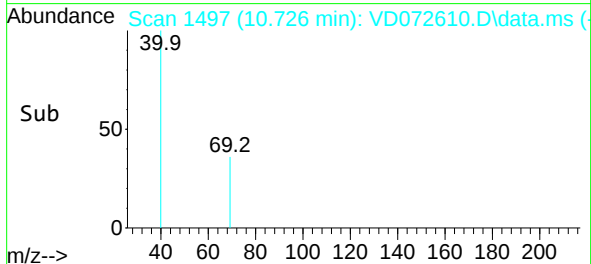
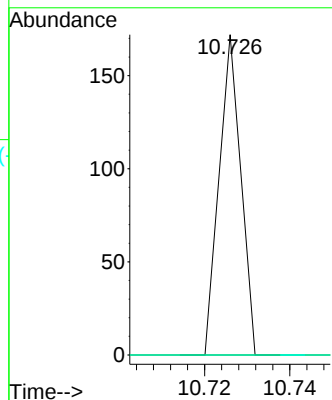
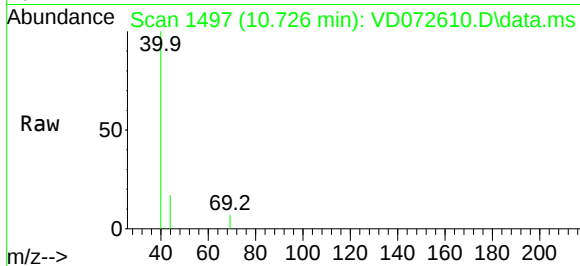




#56
Ethyl methacrylate
Concen: 2.534 ug/l
RT: 10.726 min Scan# 1485
Delta R.T. 0.071 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

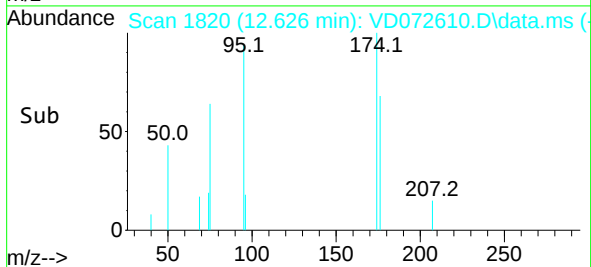
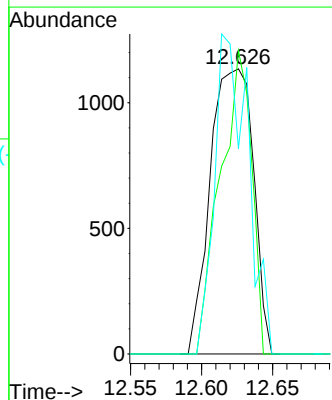
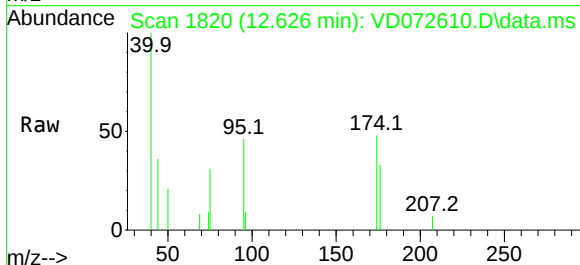
Instrument :
MSVOA_D
ClientSampleId :
SB-12

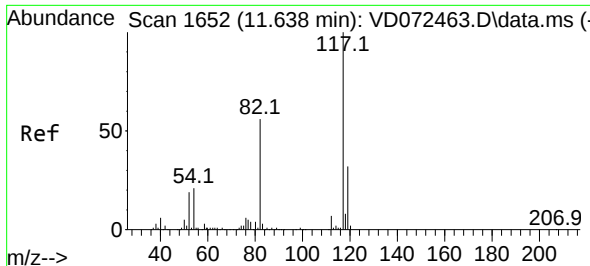
Tgt Ion: 69 Resp: 61
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 37.905 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

Tgt Ion: 95 Resp: 2401
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 86.8 0.0 145.4

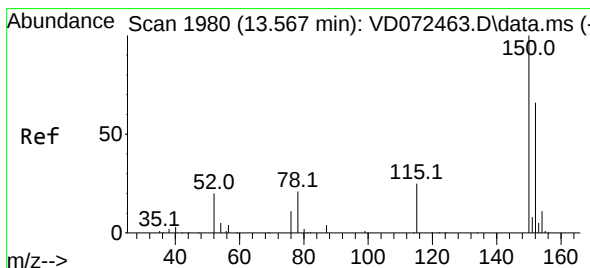
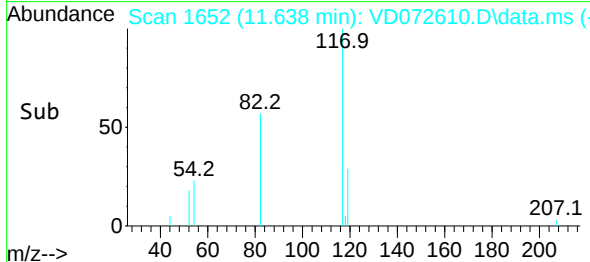
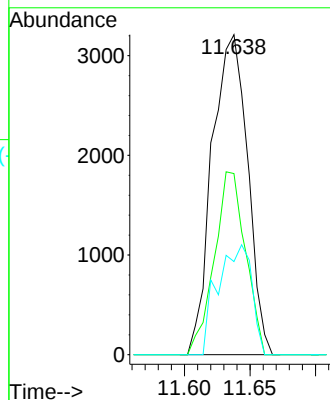
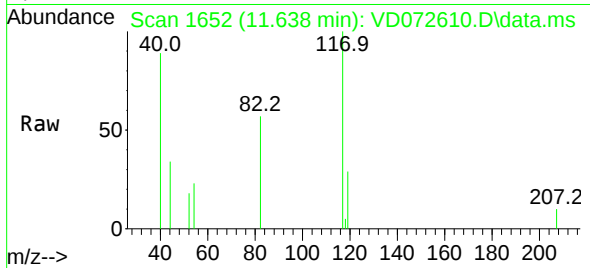




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

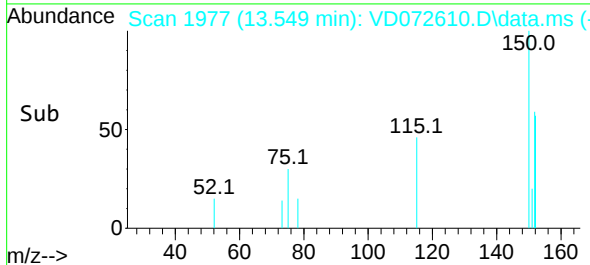
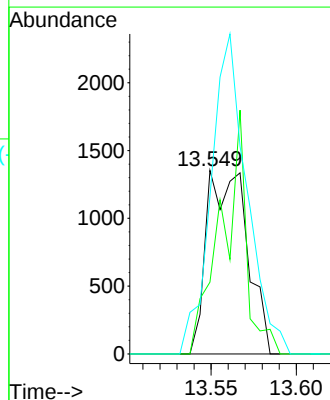
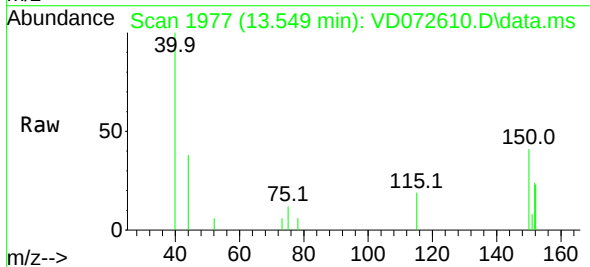
Instrument :
MSVOA_D
ClientSampleId :
SB-12

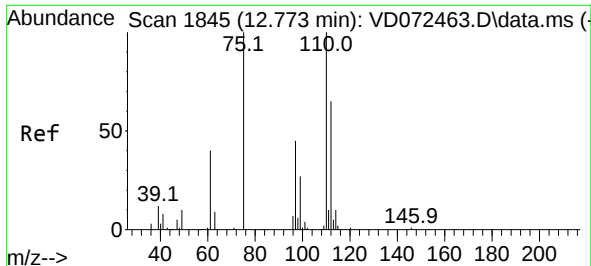
Tgt Ion:117	Resp:	6041
Ion Ratio	Lower	Upper
117	100	
82	56.6	45.3 67.9
119	29.1	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.018 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

Tgt Ion:152	Resp:	2239
Ion Ratio	Lower	Upper
152	100	
115	81.6	31.3 93.8
150	154.2	0.0 348.6

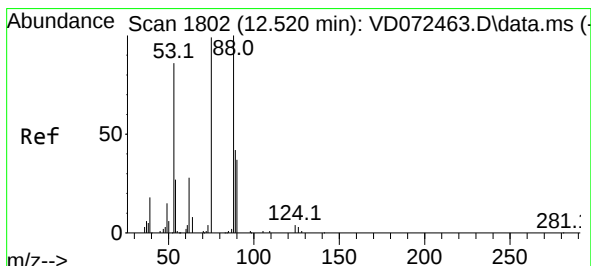
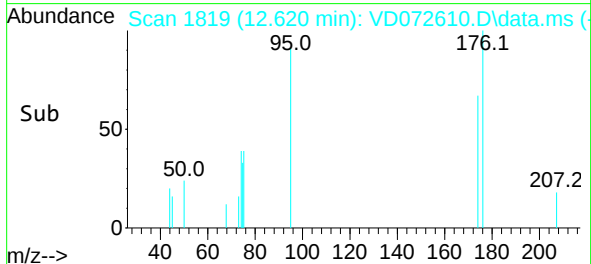
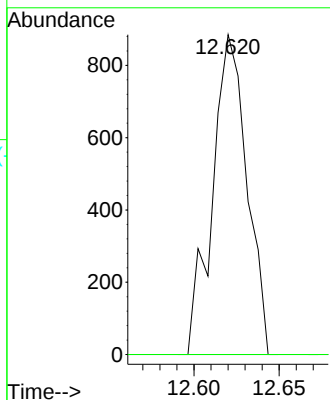
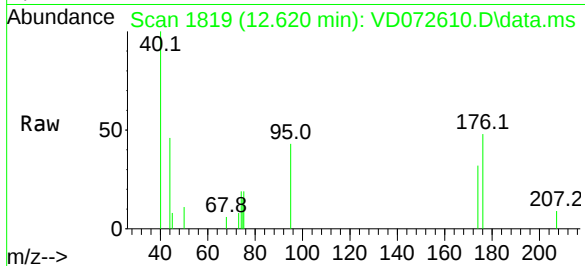




#76
 1,2,3-Trichloropropane
 Concen: 51.270 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072610.D
 Acq: 18 Apr 2022 21:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12

Tgt Ion: 75 Resp: 1252
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.806 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.100 min
 Lab File: VD072610.D
 Acq: 18 Apr 2022 21:09

Tgt Ion: 75 Resp: 1252
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

