

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072854.D
 Acq On : 06 May 2022 16:29
 Operator : VA/SY
 Sample : N2665-08RE
 Misc : 3.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11.8

Quant Time: May 07 00:05:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

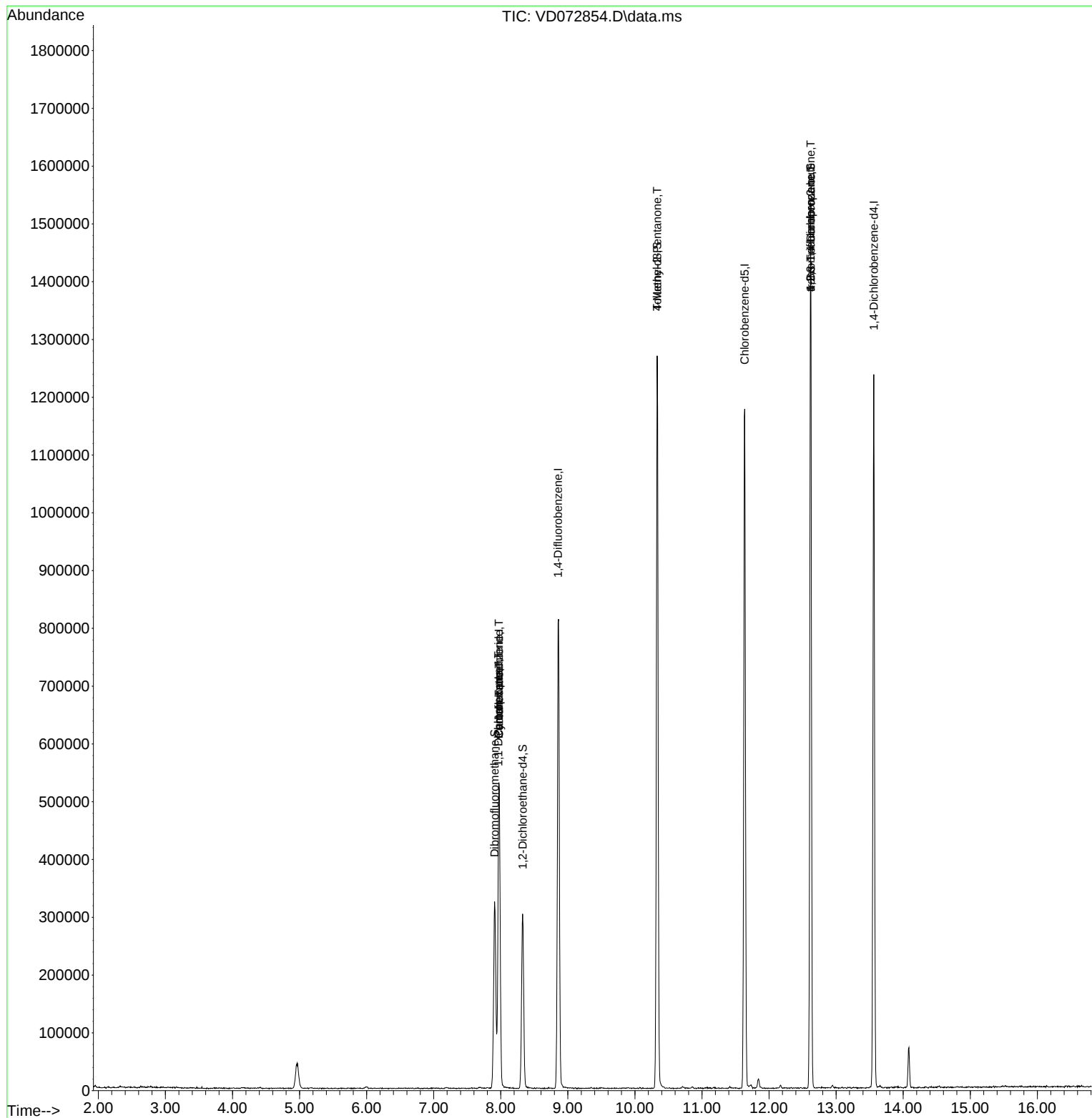
Internal Standards						
1) Pentafluorobenzene	7.973	168	380583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	692672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	689636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239839	48.548	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.100%		
35) Dibromofluoromethane	7.908	113	229749	47.228	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.460%		
50) Toluene-d8	10.332	98	852895	48.876	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.620	95	332551	51.109	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.220%		
Target Compounds						
5) Bromomethane	2.785	94	797	Below Cal	#	57
13) Acrolein	3.726	56	79	Below Cal	#	14
16) Acetone	4.156	43	1503	Below Cal		95
18) Methyl Acetate	4.832	43	79	Below Cal	#	55
20) Methylene Chloride	4.956	84	16235	Below Cal		88
31) Cyclohexane	7.973	56	10048	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	33499	4.235	ug/l #	53
38) Carbon Tetrachloride	7.973	117	40981	4.991	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	4166	1.195	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	177247	50.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	177247	116.961	ug/l #	8

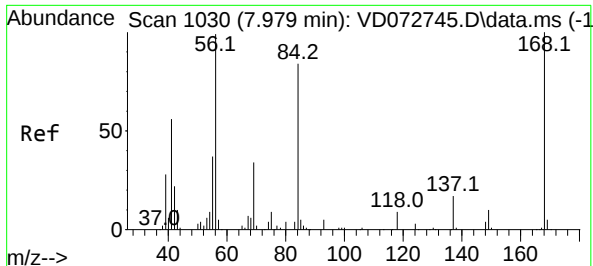
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
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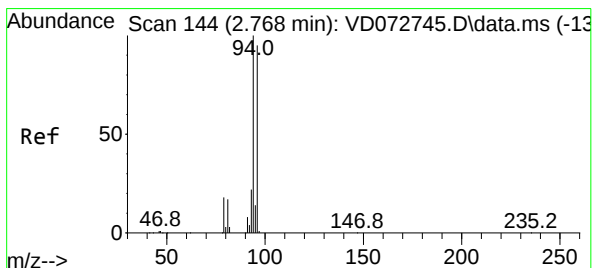
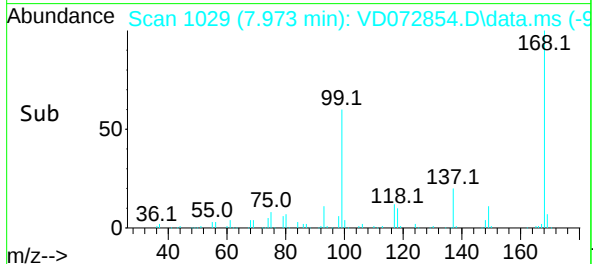
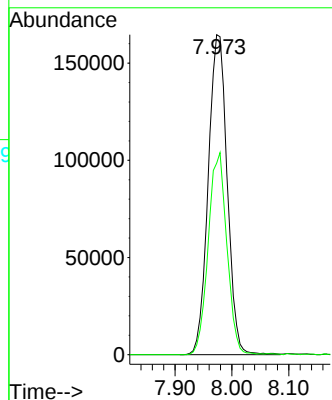
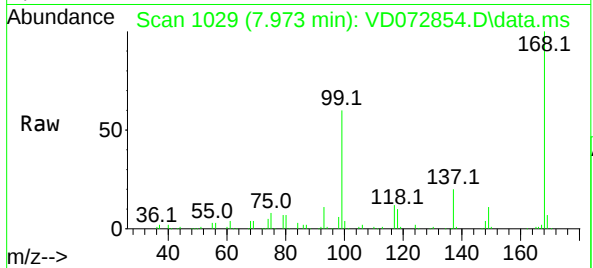




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

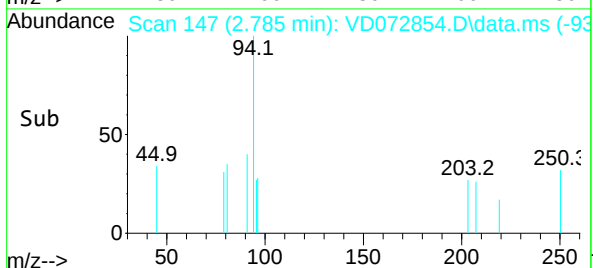
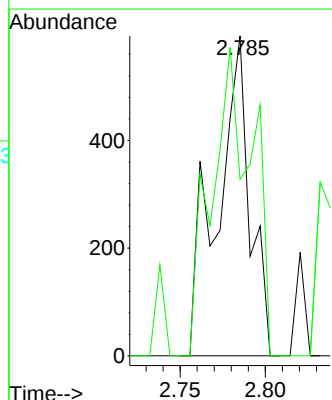
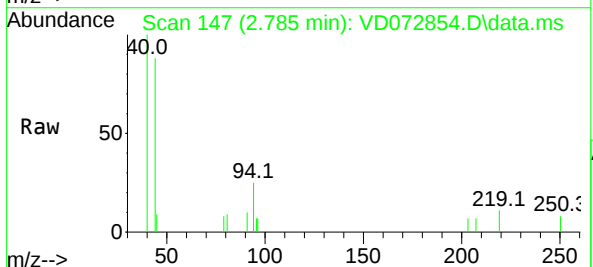
Instrument :
MSVOA_D
ClientSampleId :
SB-11.8

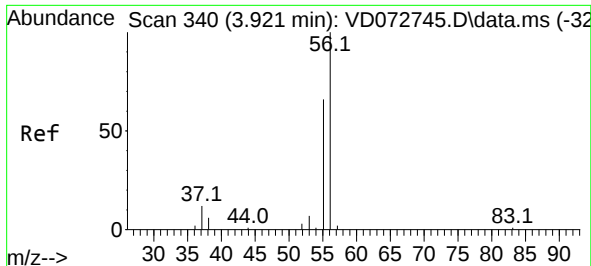
Tgt Ion:168 Resp: 380583
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

Tgt Ion: 94 Resp: 797
Ion Ratio Lower Upper
94 100
96 55.2 77.6 116.4#

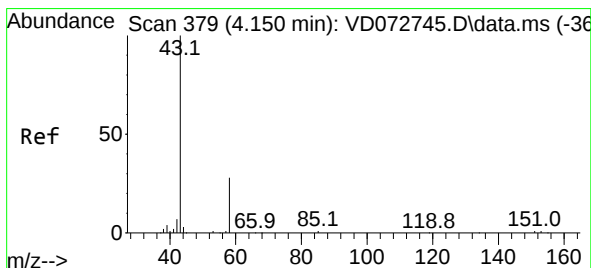
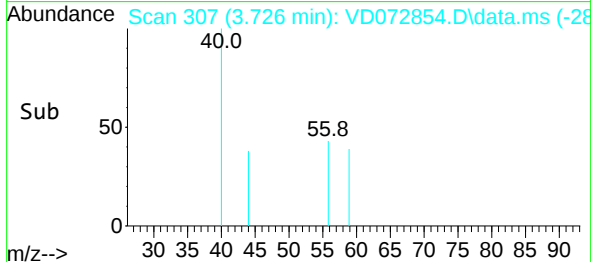
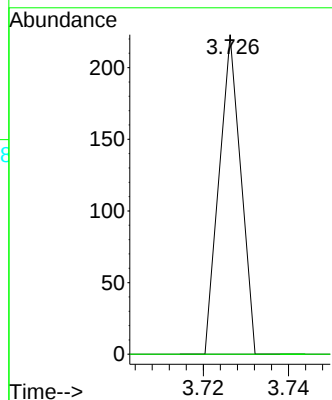
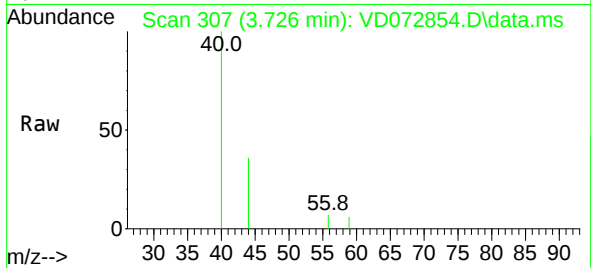




#13
Acrolein
Concen: Below Cal
RT: 3.726 min Scan# 30
Delta R.T. -0.195 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

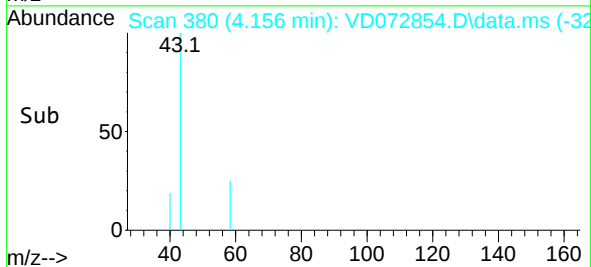
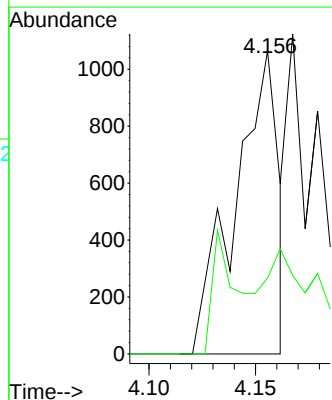
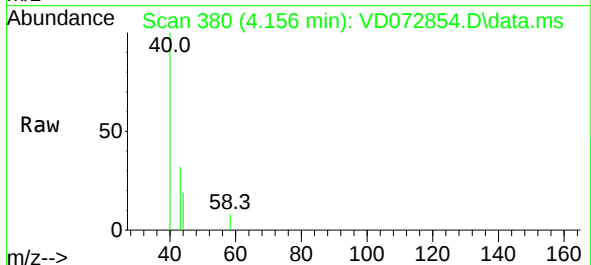
Instrument :
MSVOA_D
ClientSampleId :
SB-11.8

Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 25.0 22.1 33.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 517

Delta R.T. -0.006 min

Lab File: VD072854.D

Acq: 06 May 2022 16:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11.8

Tgt Ion: 84 Resp: 16235

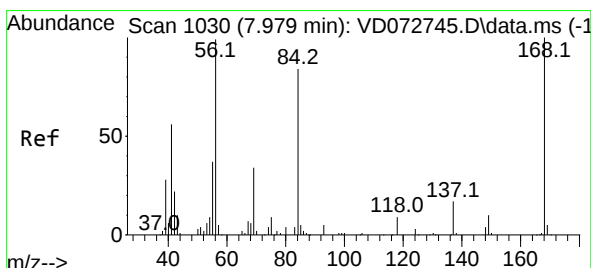
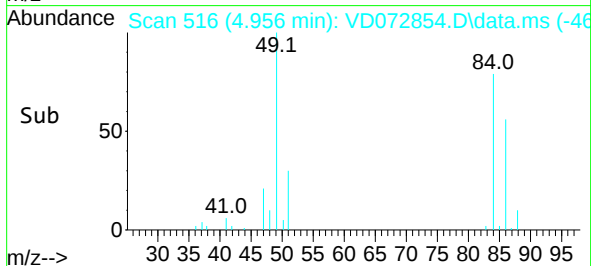
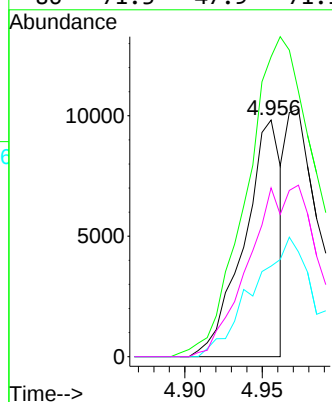
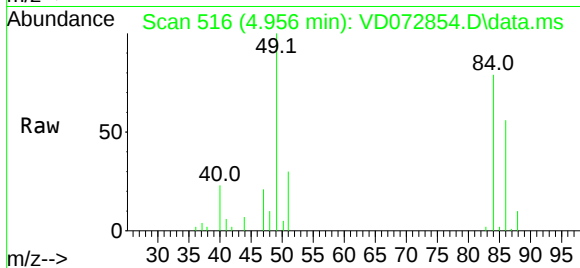
Ion Ratio Lower Upper

84 100

49 125.2 112.8 169.2

51 38.3 32.6 48.8

86 71.3 47.9 71.9



#31

Cyclohexane

Concen: 1.164 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072854.D

Acq: 06 May 2022 16:29

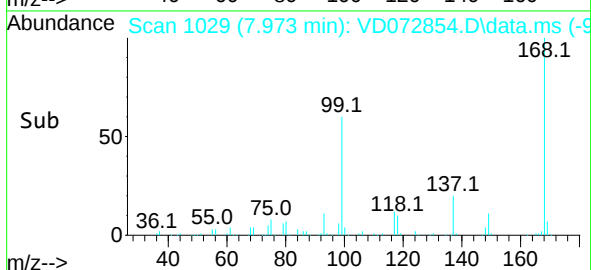
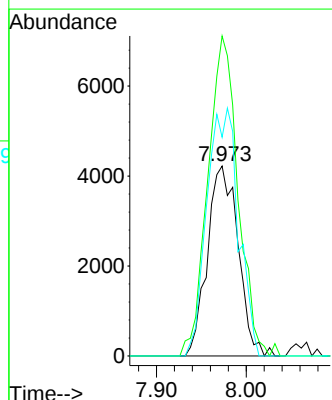
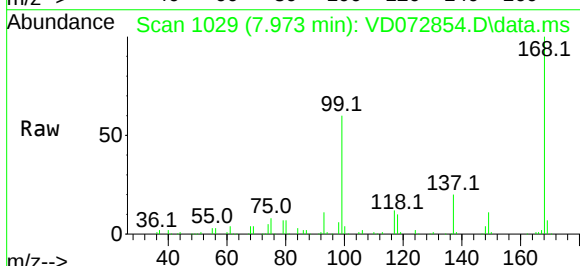
Tgt Ion: 56 Resp: 10048

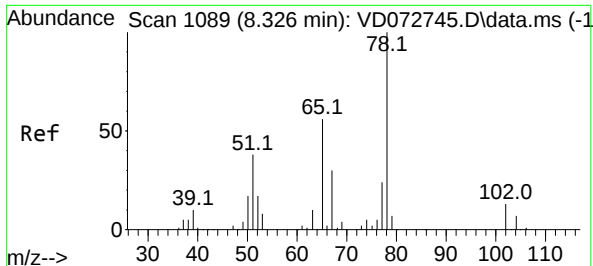
Ion Ratio Lower Upper

56 100

69 168.5 25.4 38.2#

84 115.2 63.0 94.4#

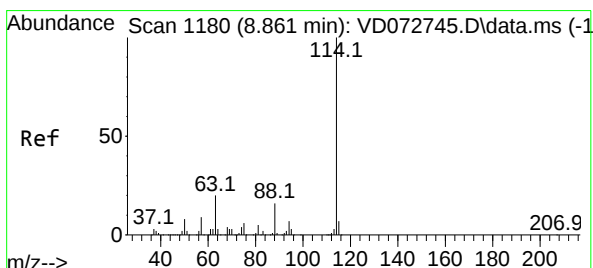
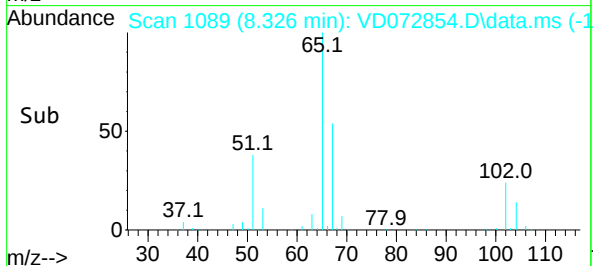
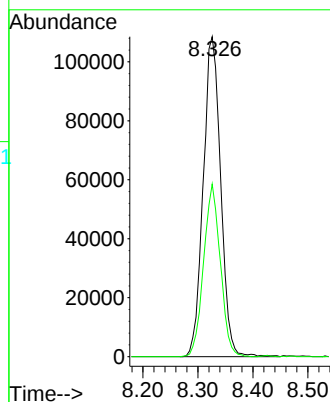
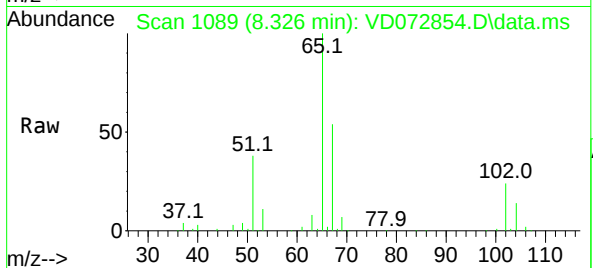




#33
 1,2-Dichloroethane-d4
 Concen: 48.548 ug/l
 RT: 8.326 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VD072854.D
 Acq: 06 May 2022 16:29

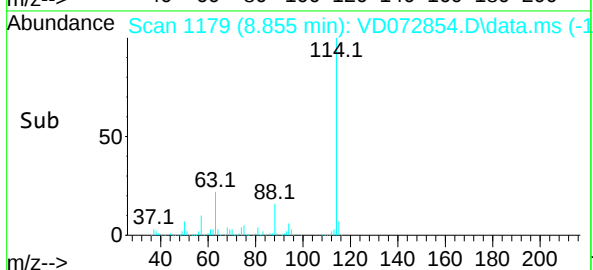
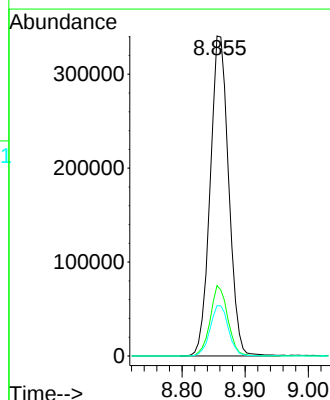
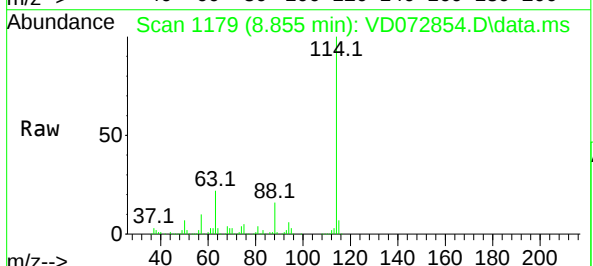
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11.8

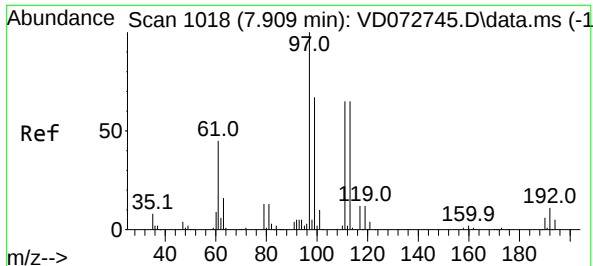
Tgt Ion: 65 Resp: 239839
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1179
 Delta R.T. -0.006 min
 Lab File: VD072854.D
 Acq: 06 May 2022 16:29

Tgt Ion: 114 Resp: 692672
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 46.6
 88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.228 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072854.D

Acq: 06 May 2022 16:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11.8

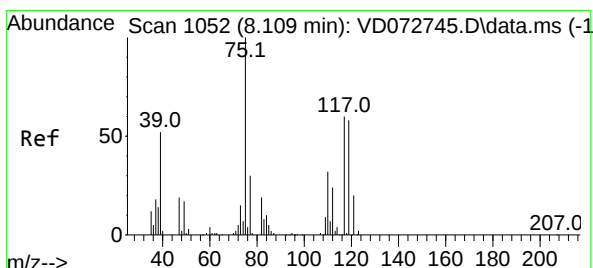
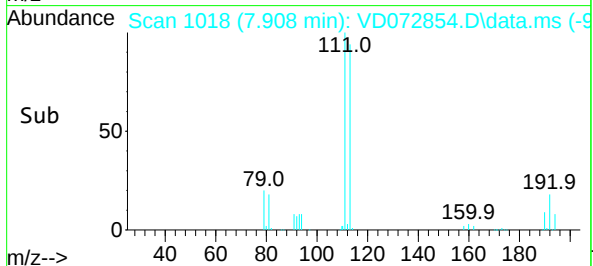
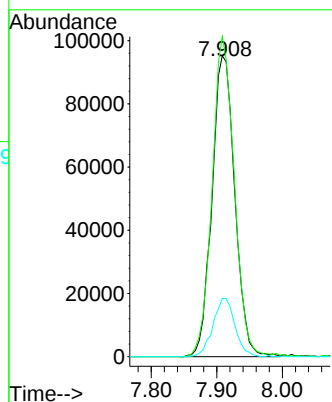
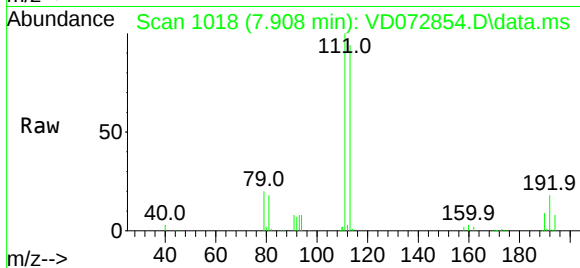
Tgt Ion:113 Resp: 229749

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.235 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.142 min

Lab File: VD072854.D

Acq: 06 May 2022 16:29

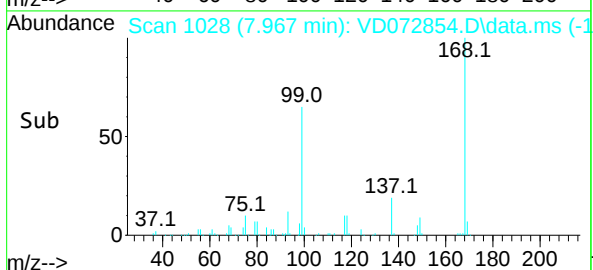
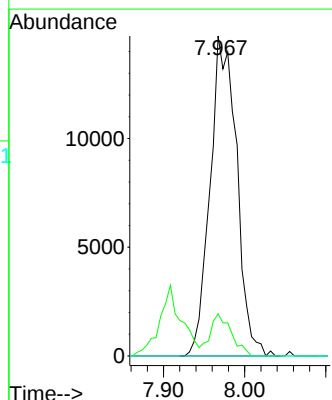
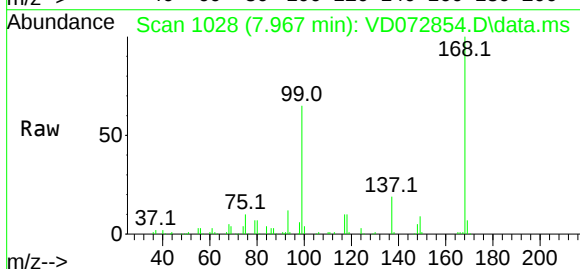
Tgt Ion: 75 Resp: 33499

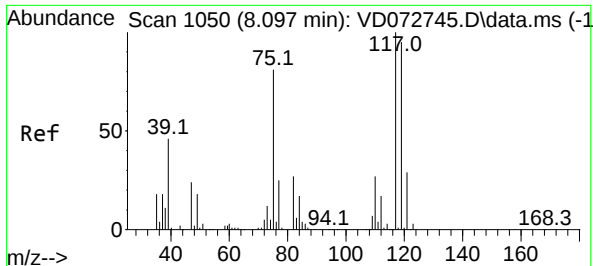
Ion Ratio Lower Upper

75 100

110 10.6 16.4 49.1#

77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 4.991 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072854.D

Acq: 06 May 2022 16:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11.8

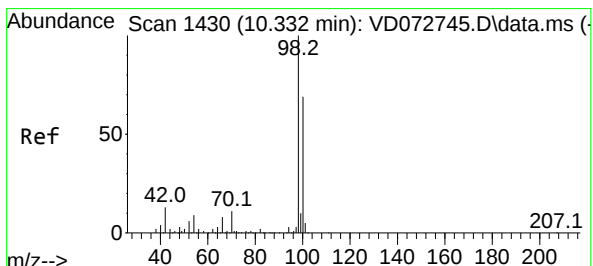
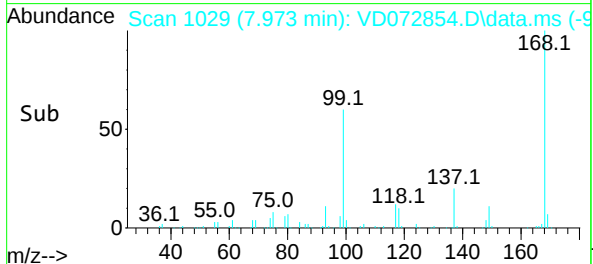
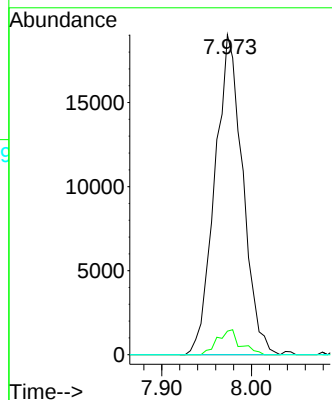
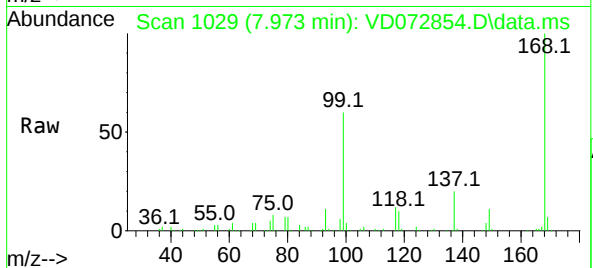
Tgt Ion:117 Resp: 40981

Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 48.876 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072854.D

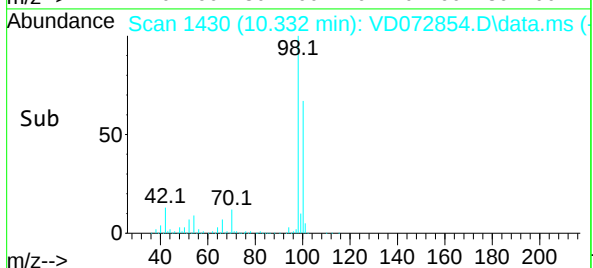
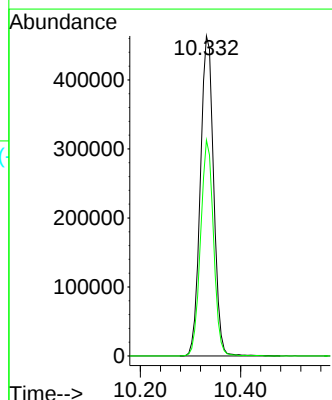
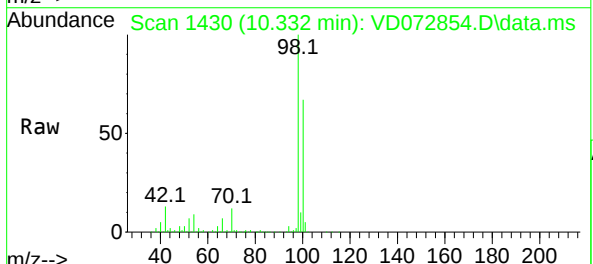
Acq: 06 May 2022 16:29

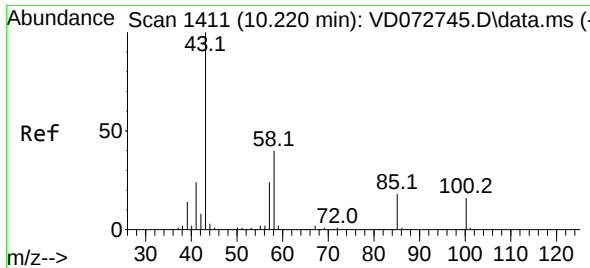
Tgt Ion: 98 Resp: 852895

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

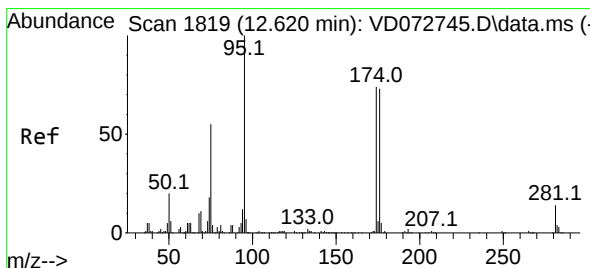
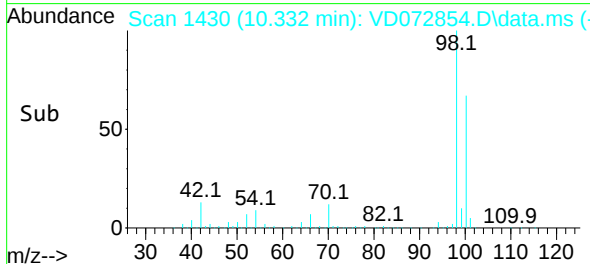
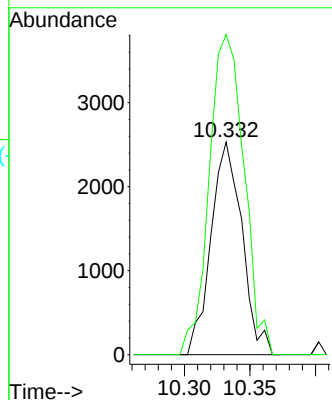
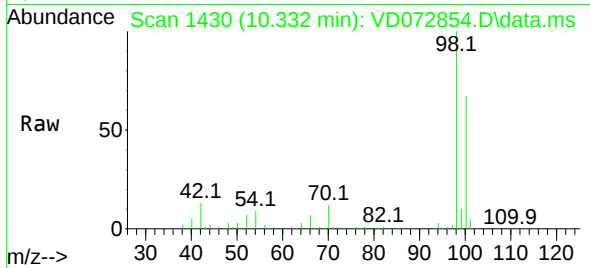




#51
4-Methyl-2-Pentanone
Concen: 1.195 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

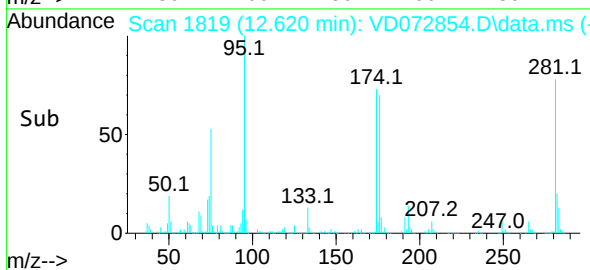
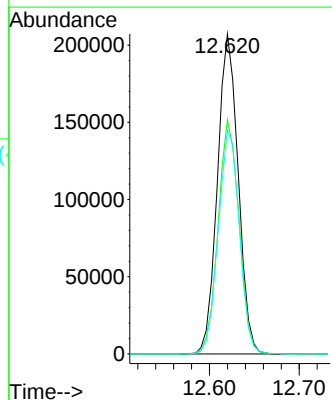
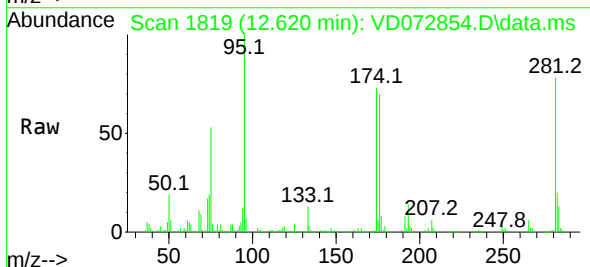
Instrument :
MSVOA_D
ClientSampleId :
SB-11.8

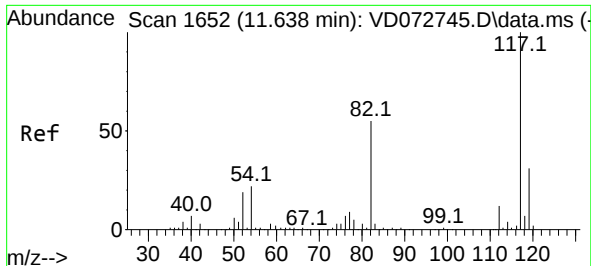
Tgt Ion: 43 Resp: 4166
Ion Ratio Lower Upper
43 100
58 169.2 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 51.109 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

Tgt Ion: 95 Resp: 332551
Ion Ratio Lower Upper
95 100
174 73.9 0.0 152.8
176 71.1 0.0 145.4

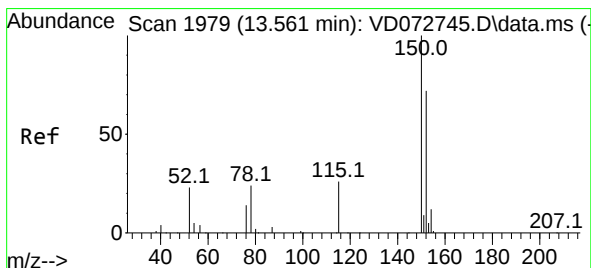
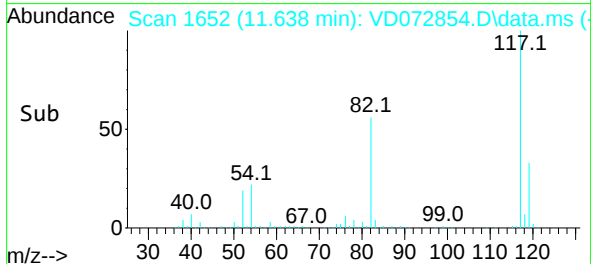
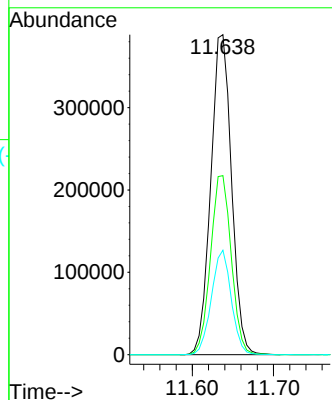
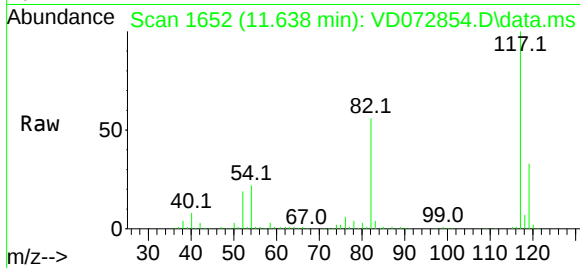




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

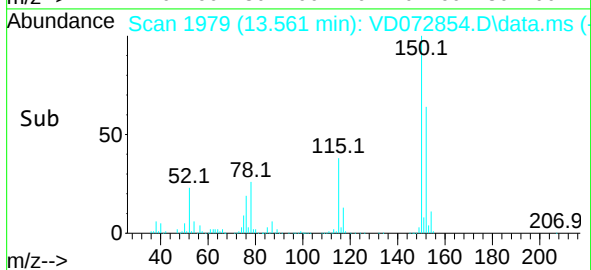
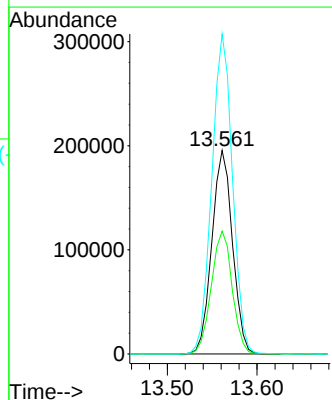
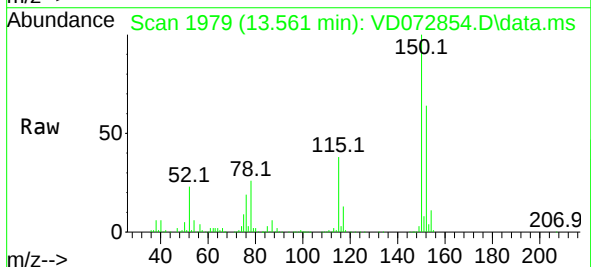
Instrument :
MSVOA_D
ClientSampleId :
SB-11.8

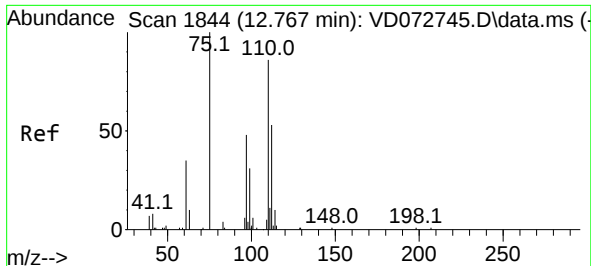
Tgt Ion:117 Resp: 689636
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

Tgt Ion:152 Resp: 312527
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.4 0.0 348.6

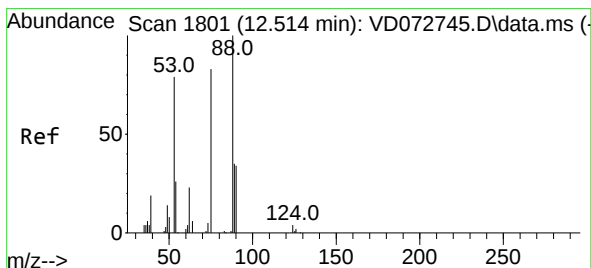
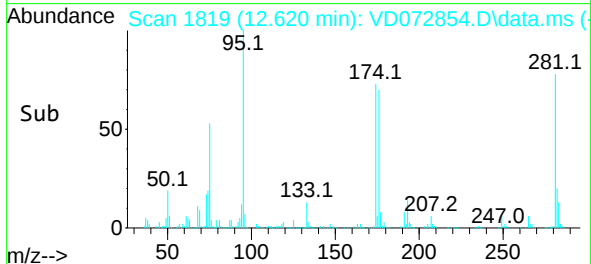
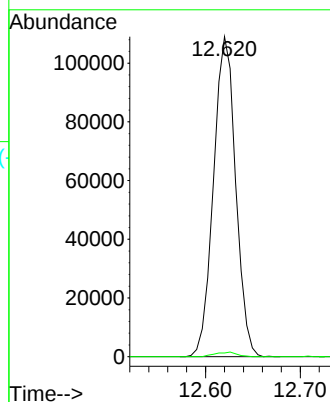
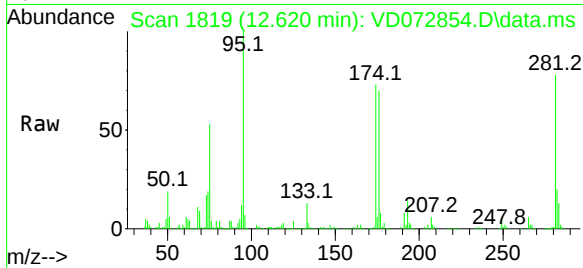




#76
1,2,3-Trichloropropane
Concen: 50.862 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

Instrument :
MSVOA_D
ClientSampleId :
SB-11.8

Tgt Ion: 75 Resp: 177247
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.961 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072854.D
Acq: 06 May 2022 16:29

Tgt Ion: 75 Resp: 177247
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.4 33.9 50.9#

