

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071453.D
 Acq On : 23 Dec 2021 20:01
 Operator : VA/SY
 Sample : M5187-01
 Misc : 4.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-0-5

Quant Time: Dec 24 03:32:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

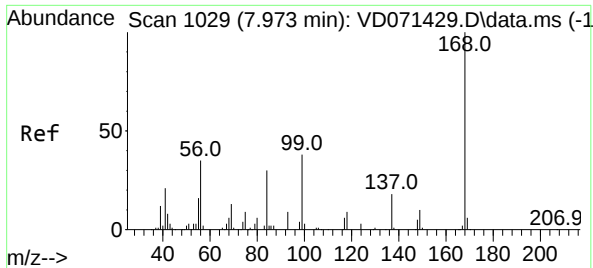
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	352815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	596023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	241412	51.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.040%
35) Dibromofluoromethane	7.914	113	211767	48.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.960%
50) Toluene-d8	10.332	98	805290	49.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.620	95	278182	47.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.820%
Target Compounds						
11) Tert butyl alcohol	5.191	59	160	Below Cal	#	71
20) Methylene Chloride	4.967	84	27717	Below Cal		96
31) Cyclohexane	7.979	56	10762	1.352	ug/l #	10
36) 1,1-Dichloropropene	7.979	75	33372	4.831	ug/l #	48
38) Carbon Tetrachloride	7.979	117	38765	5.688	ug/l #	16
49) 1,4-Dioxane	9.685	88	53	1.762	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	156998	47.714	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	156998	134.819	ug/l #	19

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

Quant Time: Dec 24 03:32:59 2021
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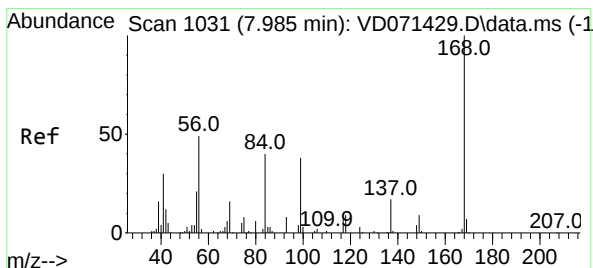
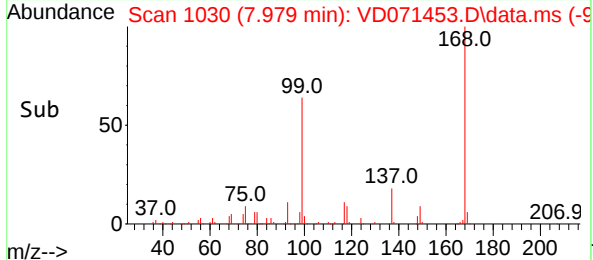
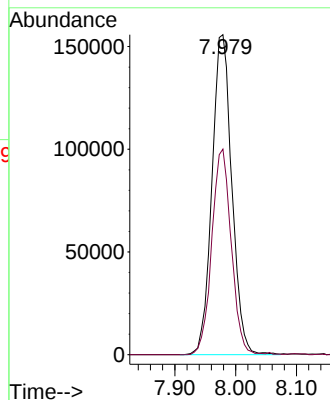
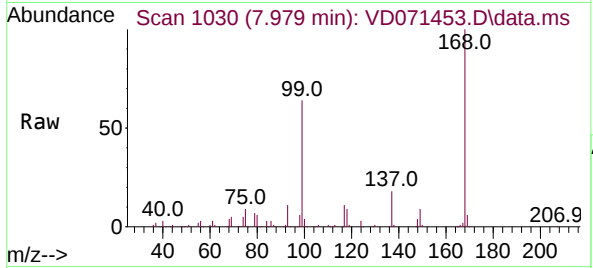




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

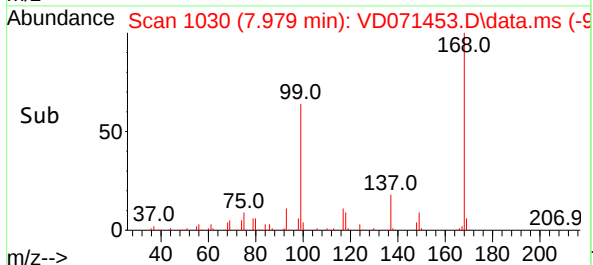
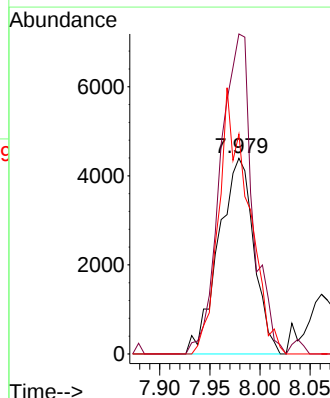
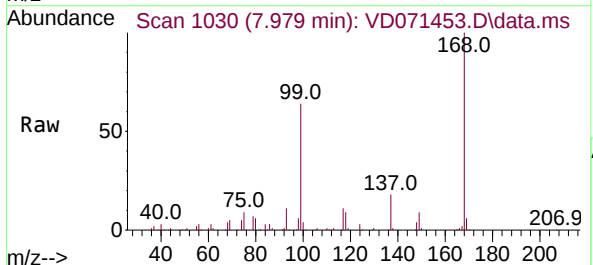
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-0-5

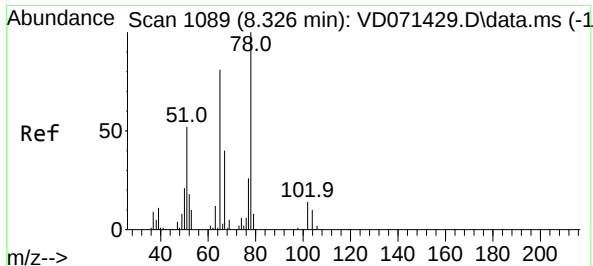
Tgt Ion:168 Resp: 352815
Ion Ratio Lower Upper
168 100
99 64.2 46.6 69.8



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

Tgt Ion: 56 Resp: 10762
Ion Ratio Lower Upper
56 100
69 163.5 25.9 38.9#
84 108.7 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 51.521 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071453.D

Acq: 23 Dec 2021 20:01

Instrument :

MSVOA_D

ClientSampleId :

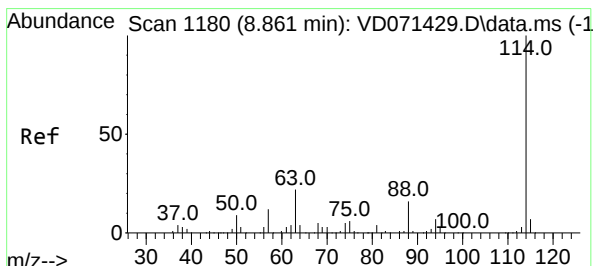
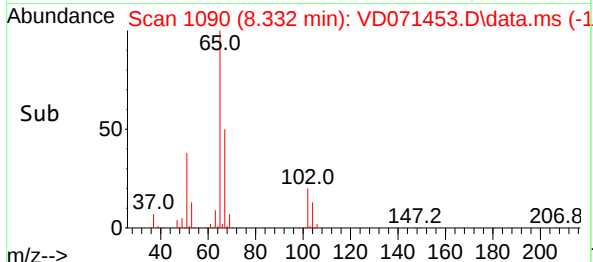
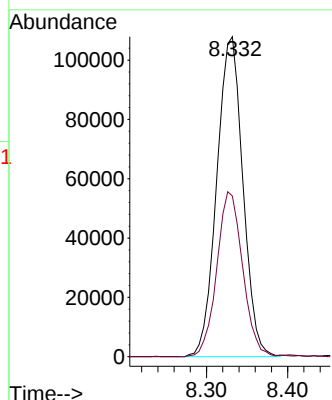
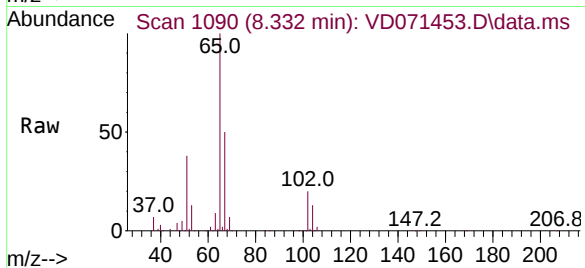
SASP2-119-1-0-5

Tgt Ion: 65 Resp: 241412

Ion Ratio Lower Upper

65 100

67 51.1 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: VD071453.D

Acq: 23 Dec 2021 20:01

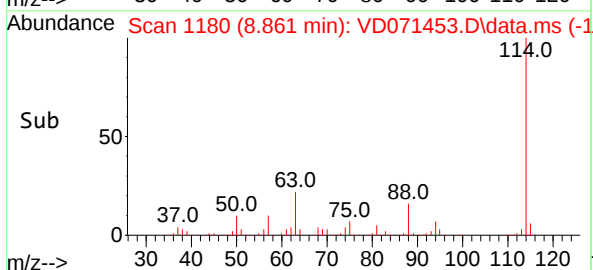
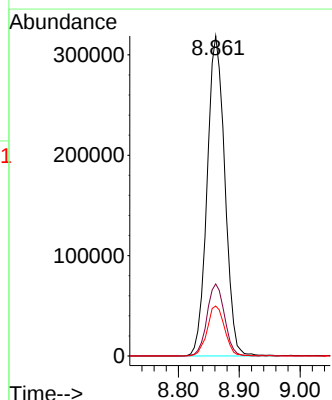
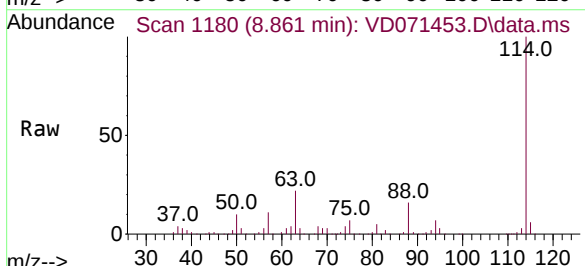
Tgt Ion: 114 Resp: 643303

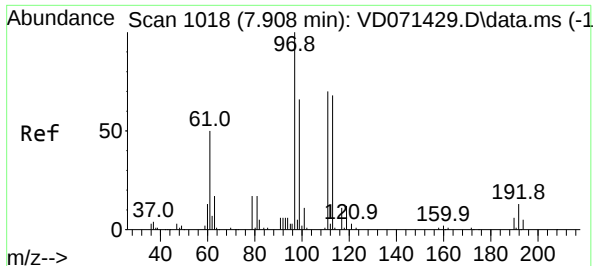
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.980 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071453.D

Acq: 23 Dec 2021 20:01

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-0-5

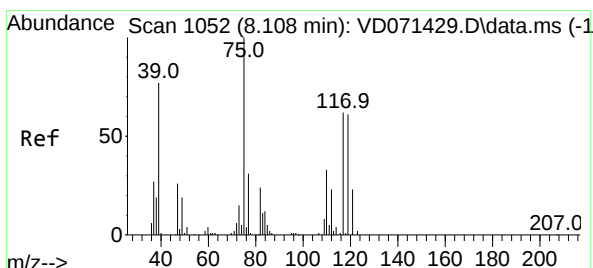
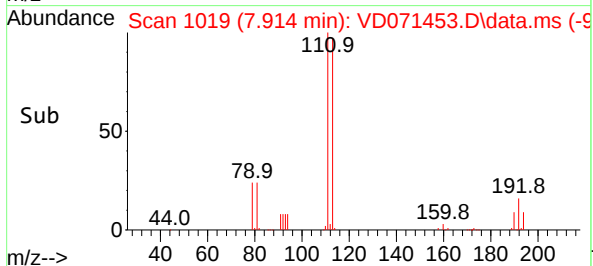
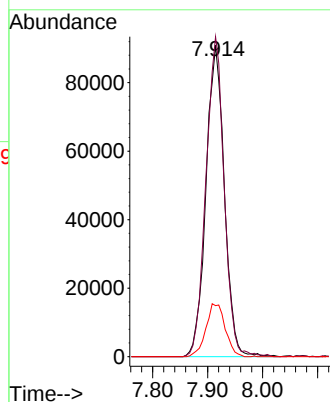
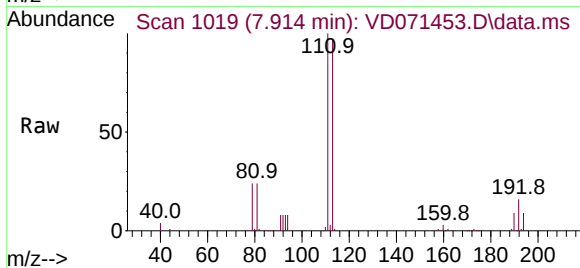
Tgt Ion:113 Resp: 211767

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

192 17.8 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.831 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071453.D

Acq: 23 Dec 2021 20:01

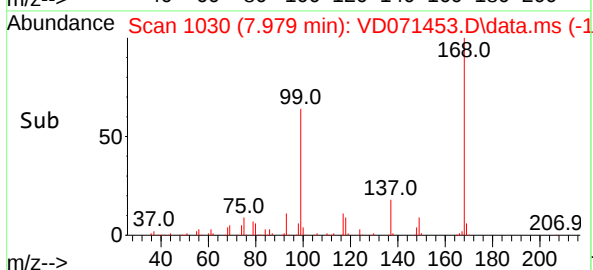
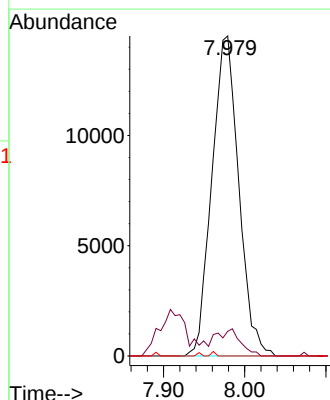
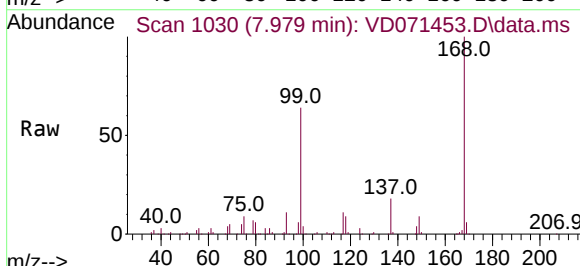
Tgt Ion: 75 Resp: 33372

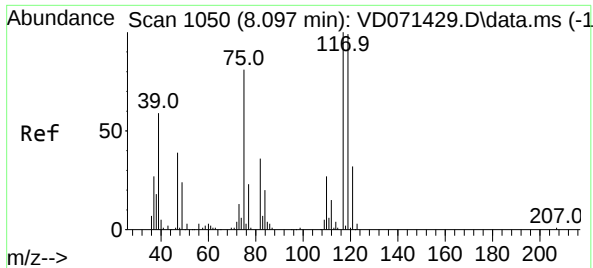
Ion Ratio Lower Upper

75 100

110 7.7 17.8 53.4#

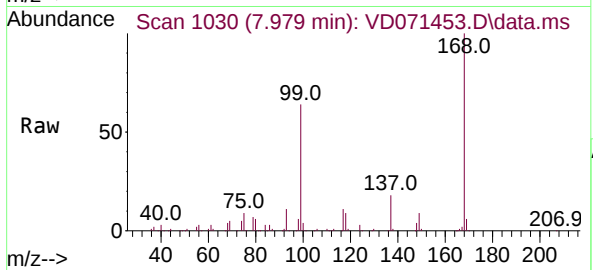
77 0.0 24.8 37.2#



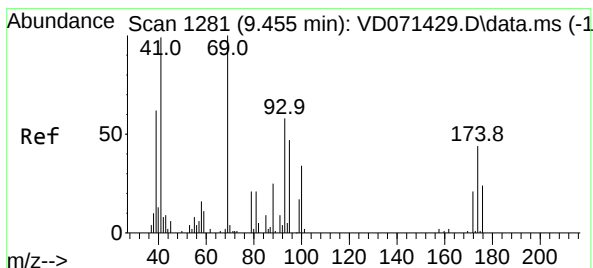
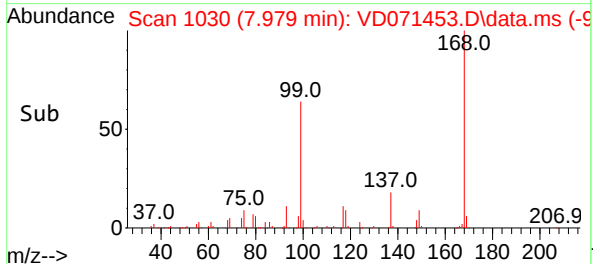
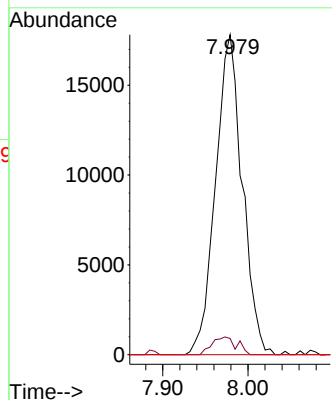


#38
Carbon Tetrachloride
Concen: 5.688 ug/l
RT: 7.979 min Scan# 11
Delta R.T. -0.118 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-0-5

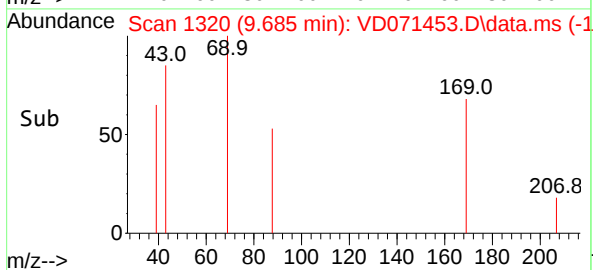
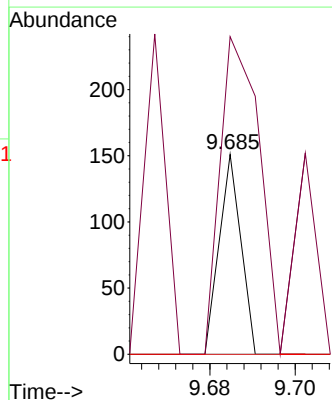
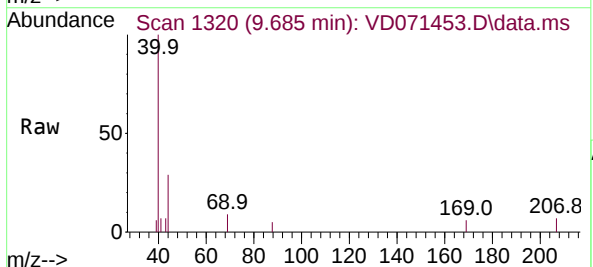


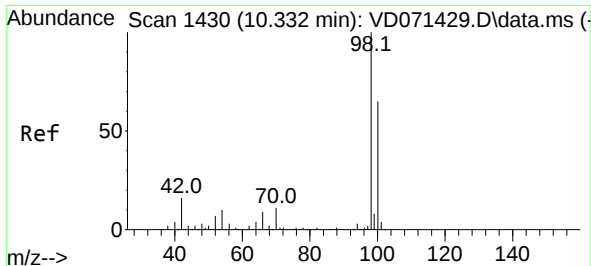
Tgt Ion:117 Resp: 38765
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 1.762 ug/l
RT: 9.685 min Scan# 1320
Delta R.T. 0.230 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 390.6 28.9 43.3#
58 0.0 56.3 84.5#

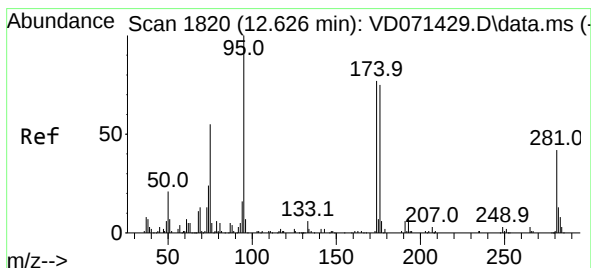
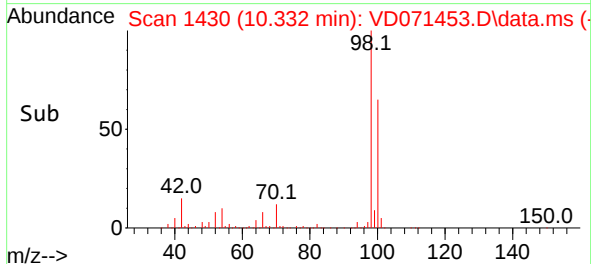
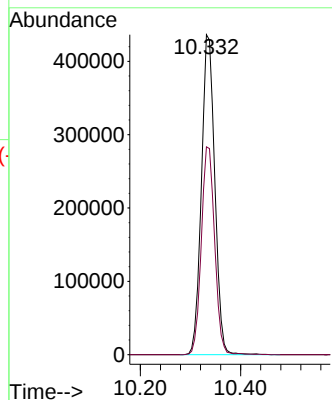
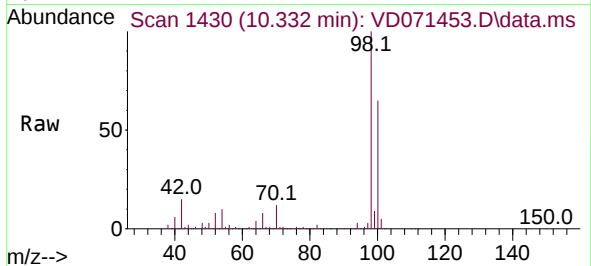




#50
Toluene-d8
Concen: 49.288 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

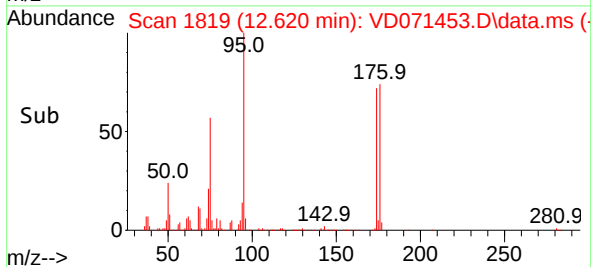
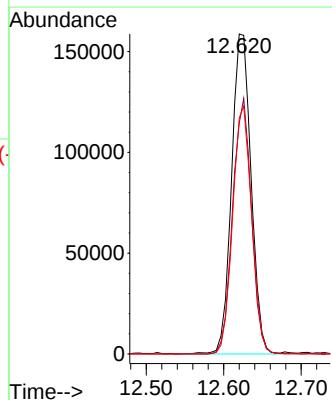
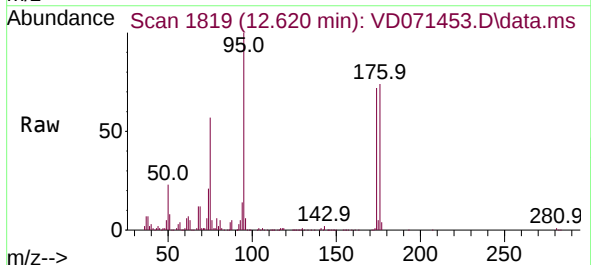
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-0-5

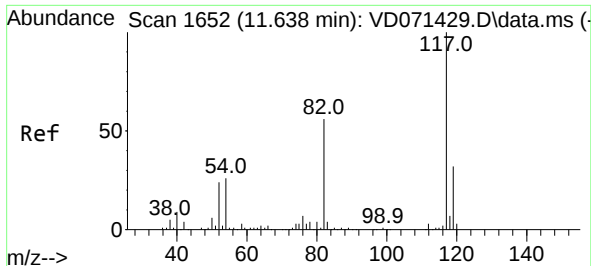
Tgt Ion: 98 Resp: 805290
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

Tgt Ion: 95 Resp: 278182
Ion Ratio Lower Upper
95 100
174 76.9 0.0 159.4
176 75.5 0.0 154.0

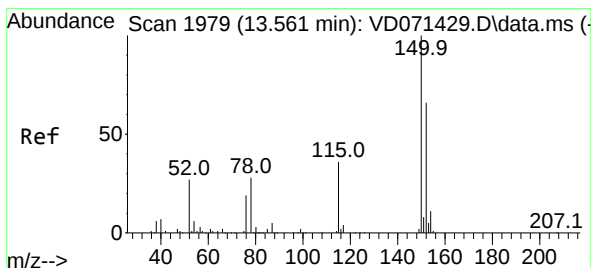
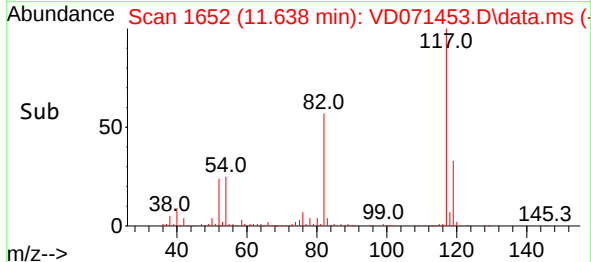
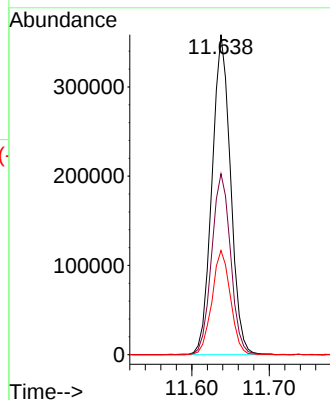
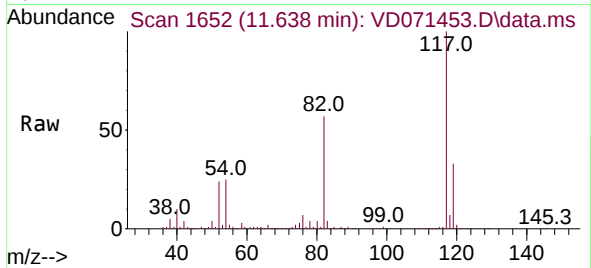




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

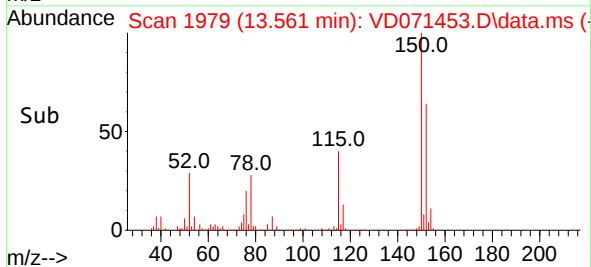
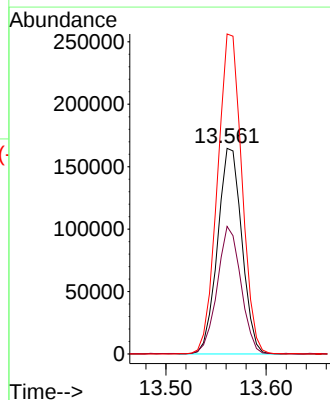
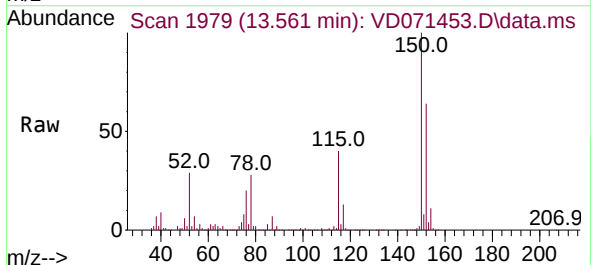
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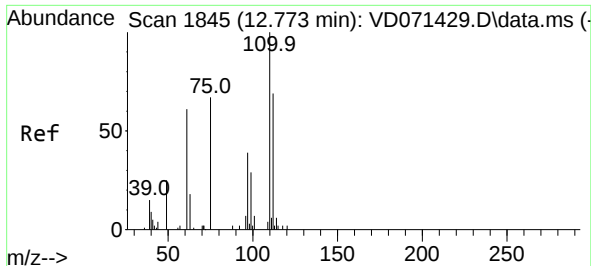
Tgt Ion:117 Resp: 596023
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

Tgt Ion:152 Resp: 276925
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 156.5 0.0 349.2

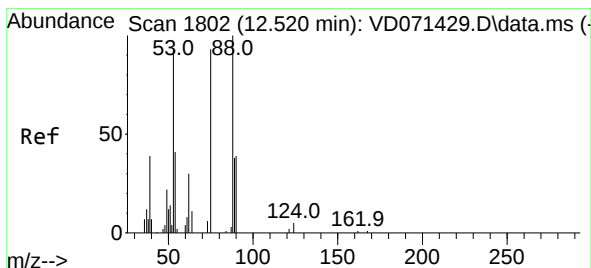
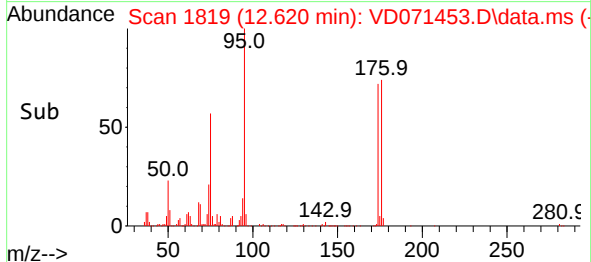
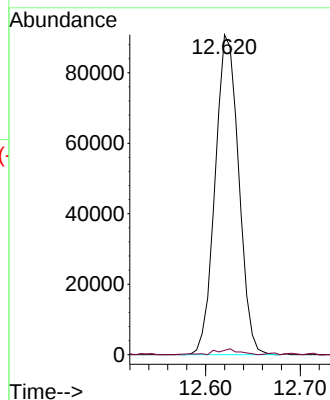
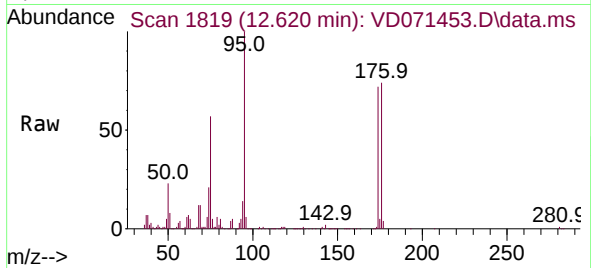




#76
1,2,3-Trichloropropane
Concen: 47.714 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-0-5

Tgt Ion: 75 Resp: 156998
Ion Ratio Lower Upper
75 100
77 1.7 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.819 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071453.D
Acq: 23 Dec 2021 20:01

Tgt Ion: 75 Resp: 156998
Ion Ratio Lower Upper
75 100
53 0.6 62.6 94.0#
89 0.1 34.5 51.7#

