

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008947.D
 Acq On : 21 May 2022 14:16
 Operator : KP/MD
 Sample : N2919-12
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-1824-01

Quant Time: May 21 21:29:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

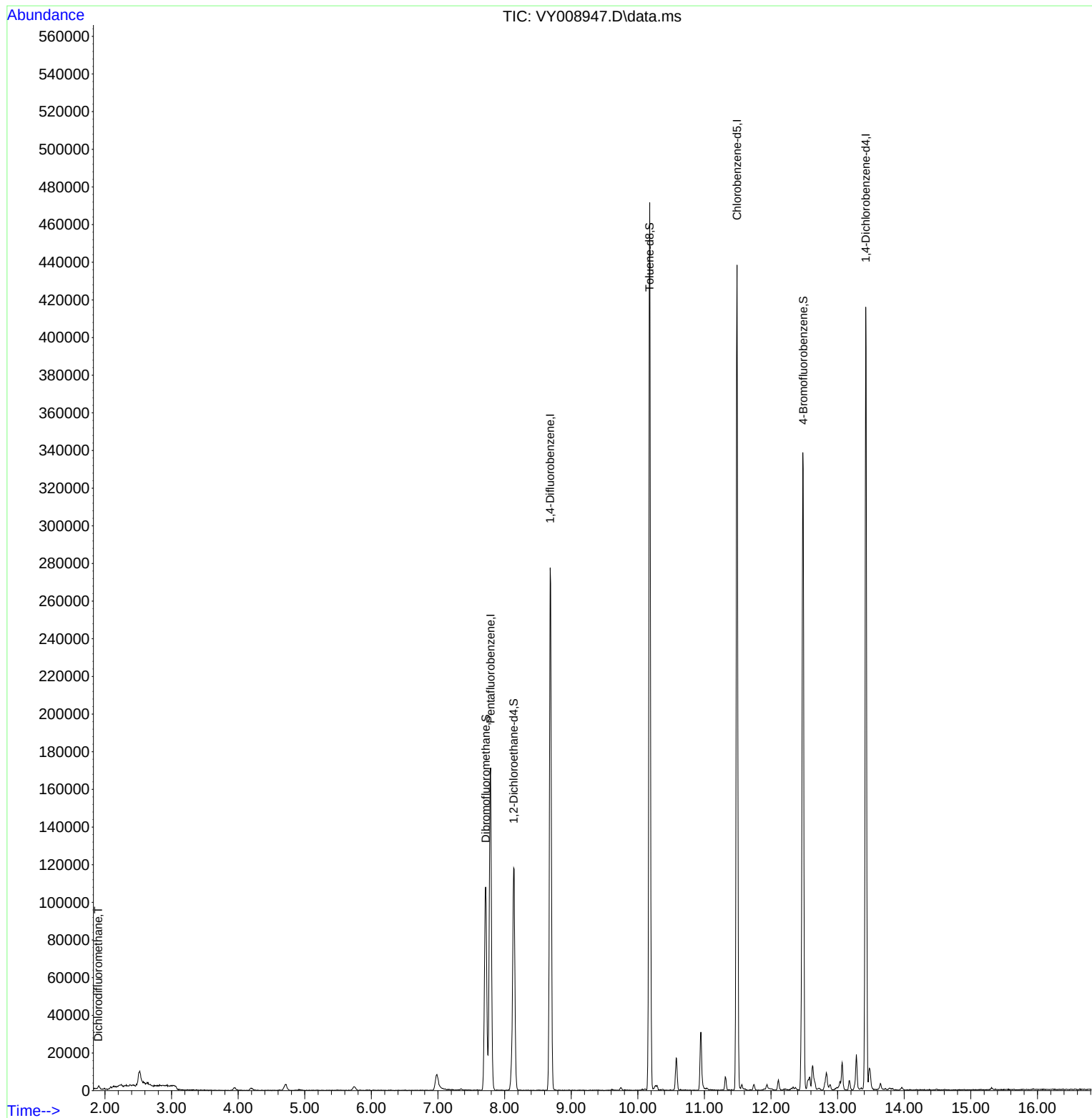
Internal Standards						
1) Pentafluorobenzene	7.789	168	130721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	235494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84038	62.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.940%
35) Dibromofluoromethane	7.716	113	74753	51.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.100%
50) Toluene-d8	10.179	98	292848	54.207	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.420%
62) 4-Bromofluorobenzene	12.483	95	91537	42.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.000%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	1228	1.027	ug/l	89

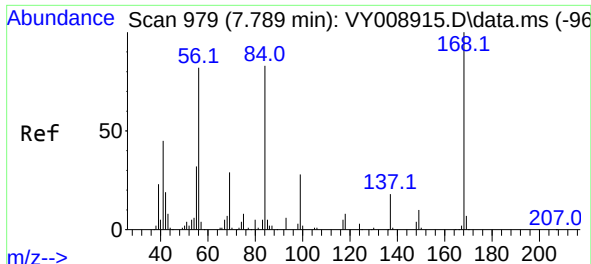
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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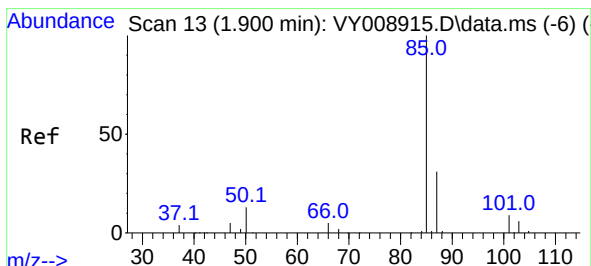
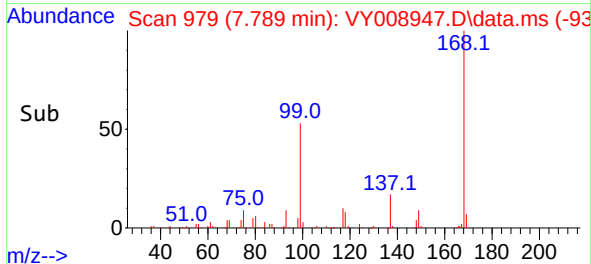
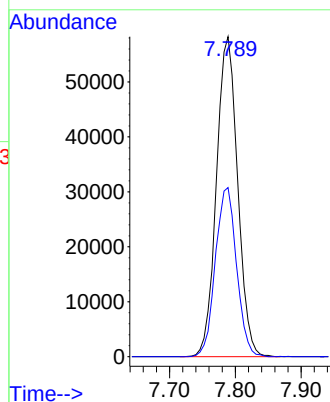
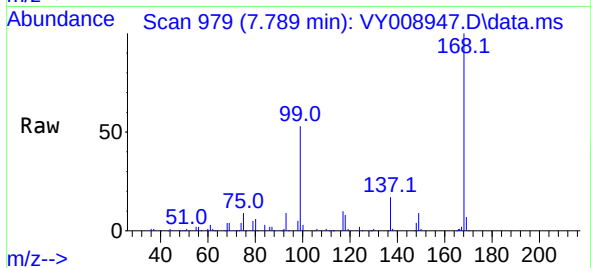




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

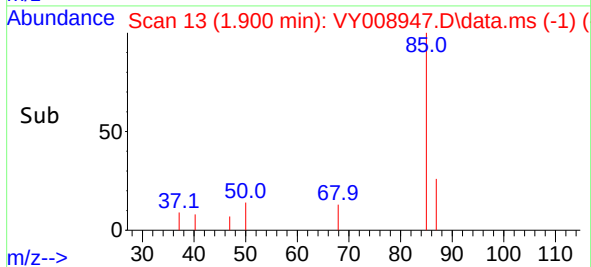
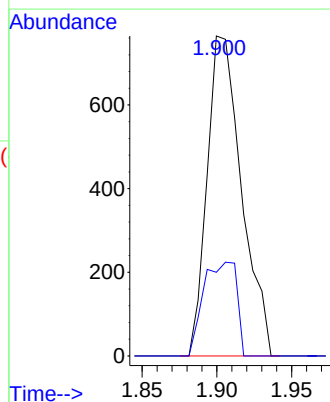
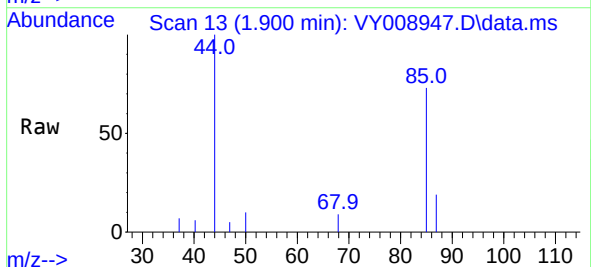
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1824-01

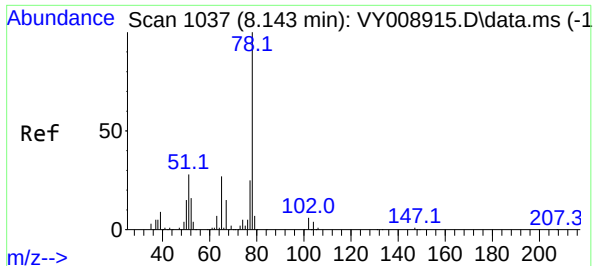
Tgt Ion:168 Resp: 130721
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.027 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

Tgt Ion: 85 Resp: 1228
Ion Ratio Lower Upper
85 100
87 26.1 16.1 48.2

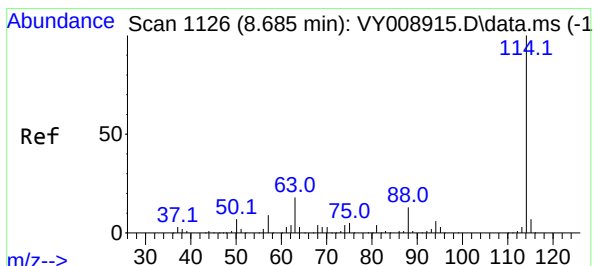
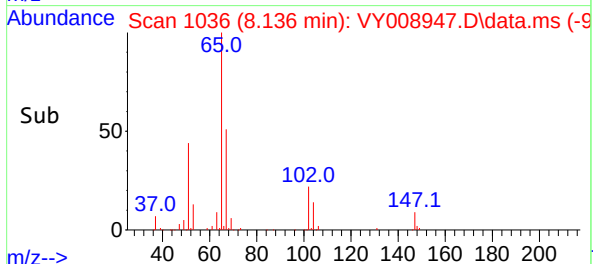
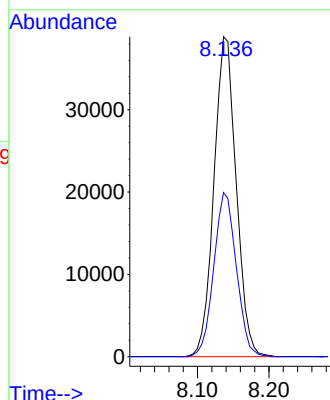
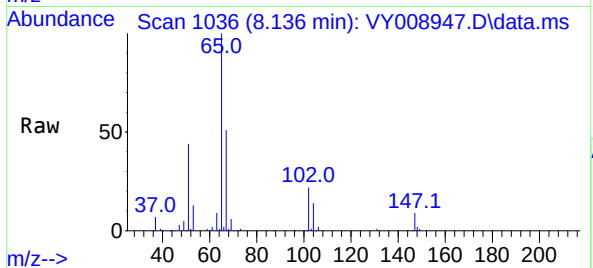




#33
 1,2-Dichloroethane-d4
 Concen: 62.465 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY008947.D
 Acq: 21 May 2022 14:16

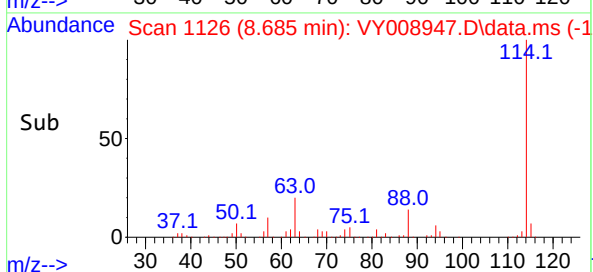
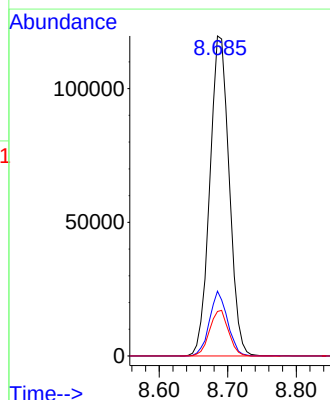
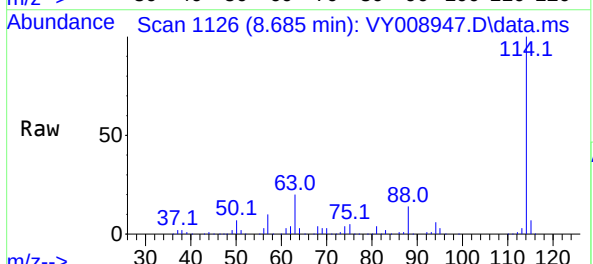
Instrument : MSVOA_Y
 ClientSampleId : P013-SS002-1824-01

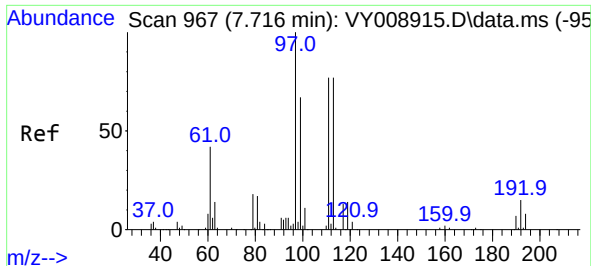
Tgt Ion: 65 Resp: 84038
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY008947.D
 Acq: 21 May 2022 14:16

Tgt Ion: 114 Resp: 235494
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 13.9 0.0 31.8

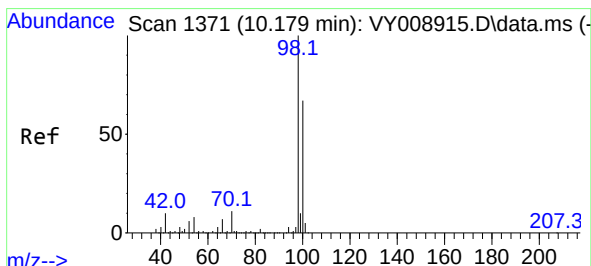
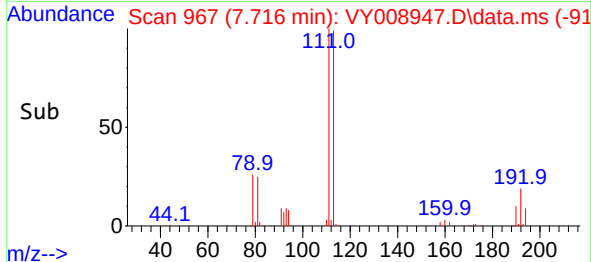
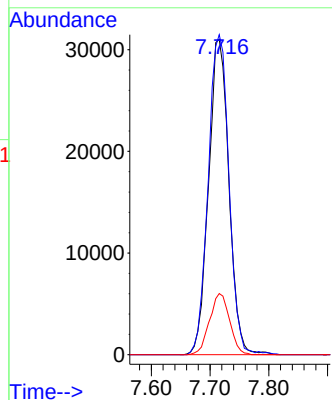
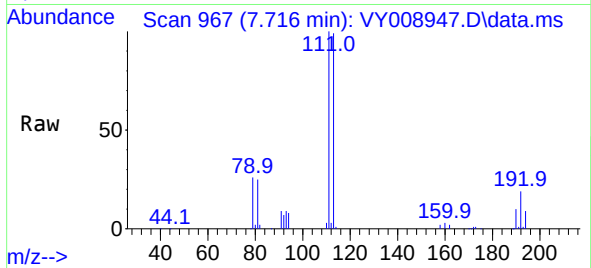




#35
Dibromofluoromethane
Concen: 51.047 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

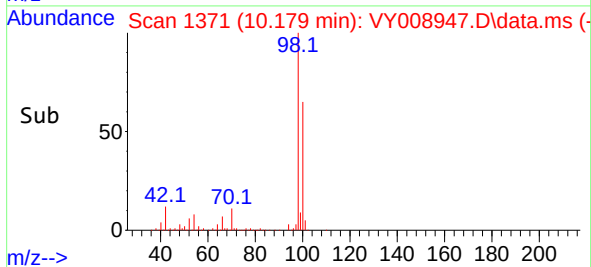
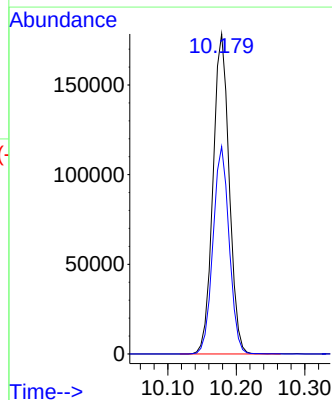
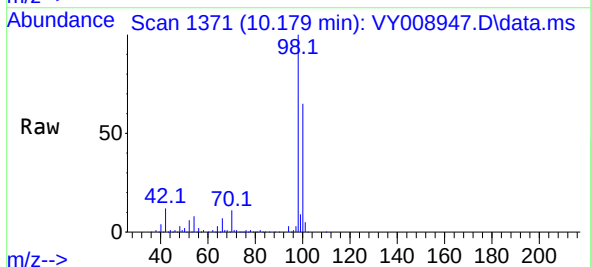
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1824-01

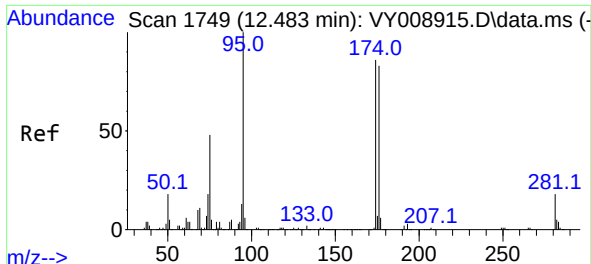
Tgt Ion:113 Resp: 74753
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 54.207 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

Tgt Ion: 98 Resp: 292848
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

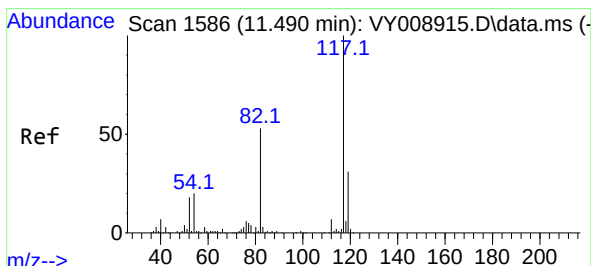
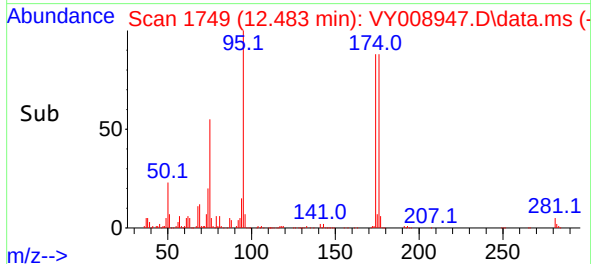
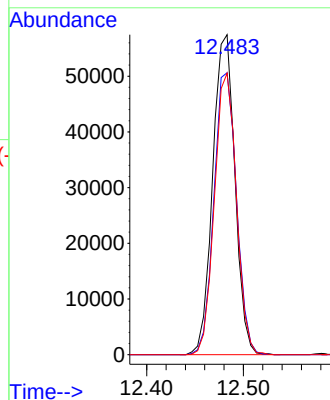
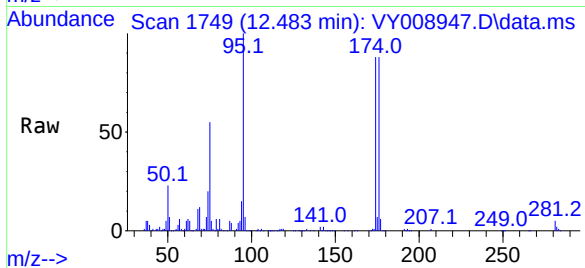




#62
4-Bromofluorobenzene
Concen: 42.004 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

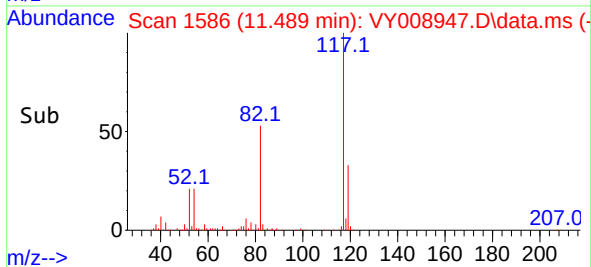
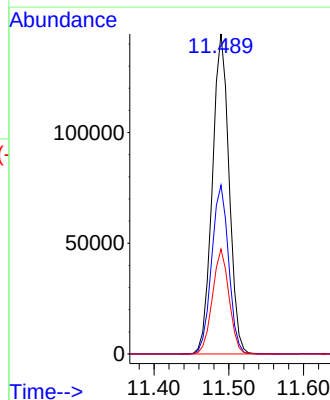
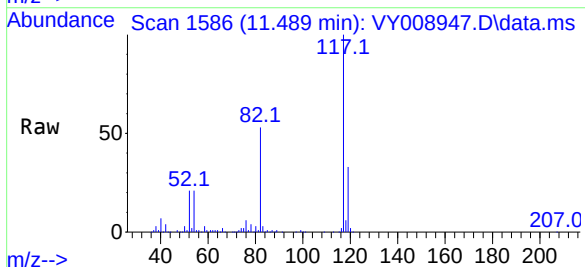
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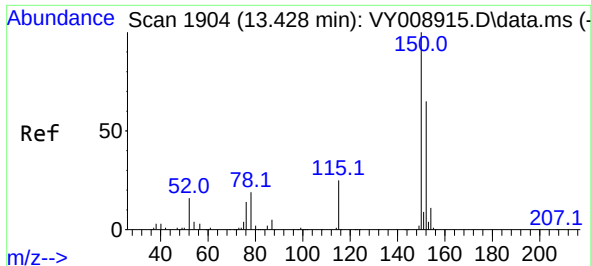
Tgt Ion: 95 Resp: 91537
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 86.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

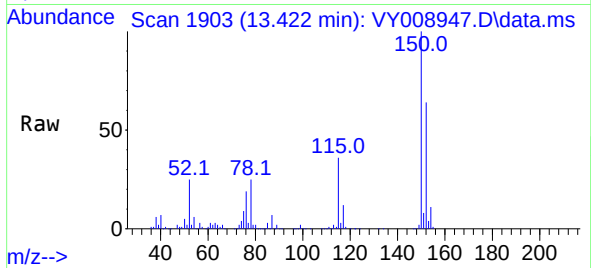
Tgt Ion: 117 Resp: 225086
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY008947.D
 Acq: 21 May 2022 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-1824-01



Tgt Ion:152 Resp: 100645
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 157.6 0.0 347.6

