

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011143.D
 Acq On : 27 Oct 2022 16:50
 Operator : KP/MD
 Sample : N5281-13
 Misc : 3.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12

Quant Time: Oct 28 00:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

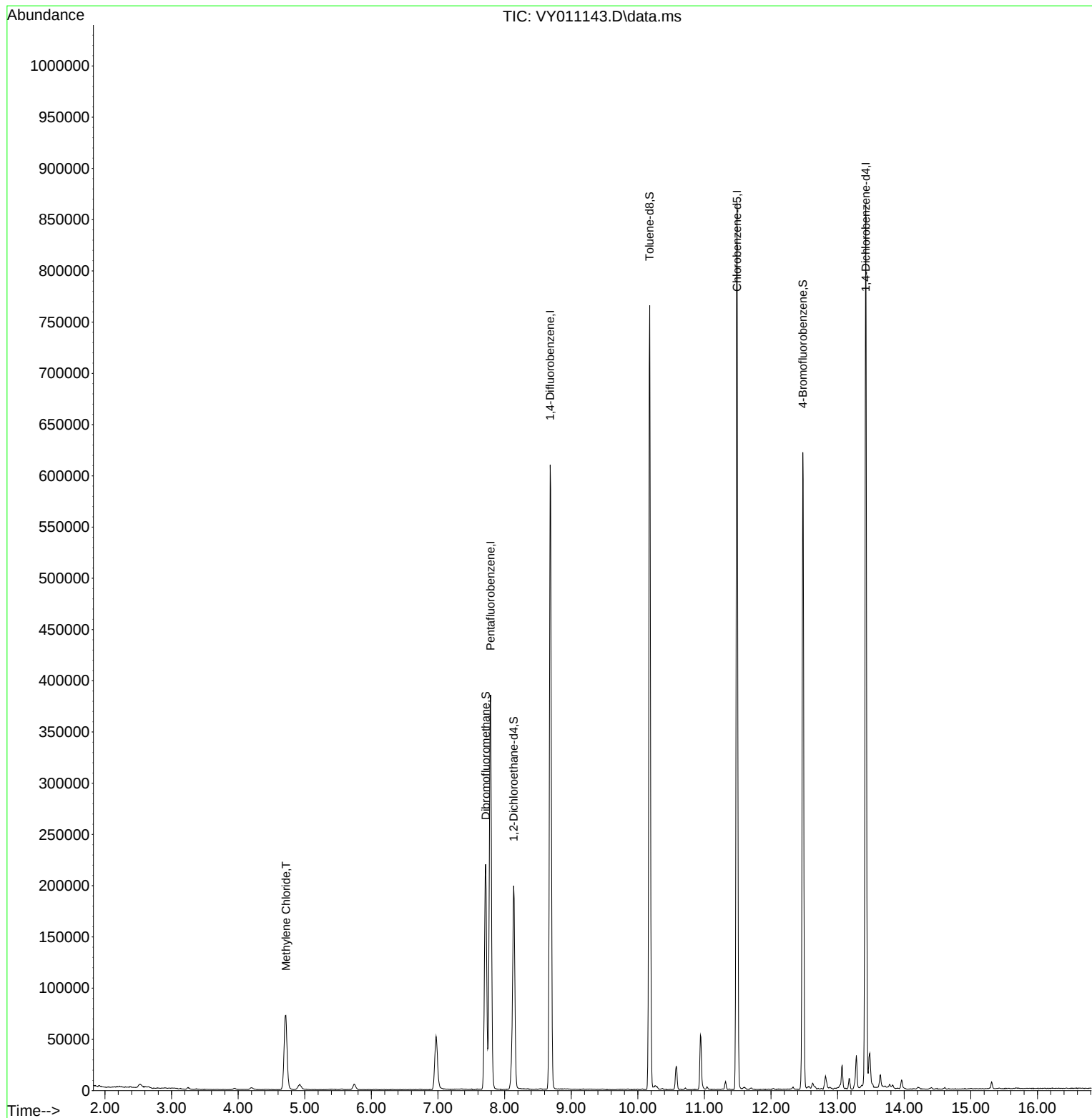
Internal Standards						
1) Pentafluorobenzene	7.789	168	299979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	534821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	477453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	142472	51.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.120%	
35) Dibromofluoromethane	7.716	113	158122	53.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.360%	
50) Toluene-d8	10.179	98	503056	45.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.100%	
62) 4-Bromofluorobenzene	12.477	95	190908	48.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.300%	
Target Compounds						
20) Methylene Chloride	4.716	84	58039	11.766	ug/l	Qvalue 86

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

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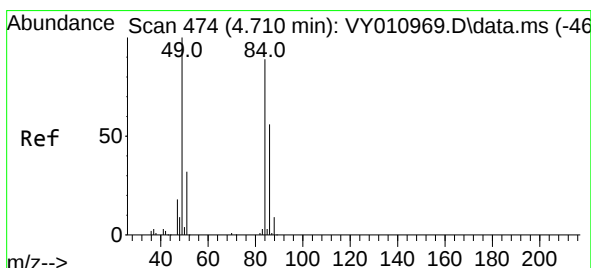
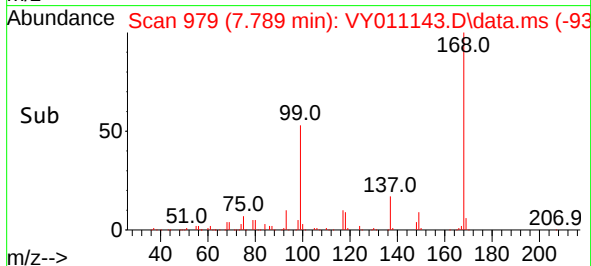
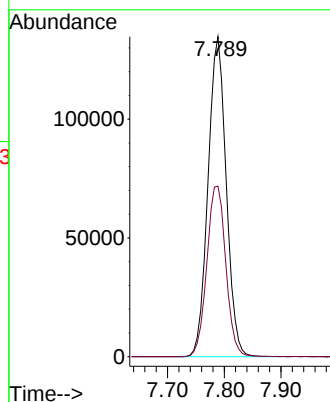
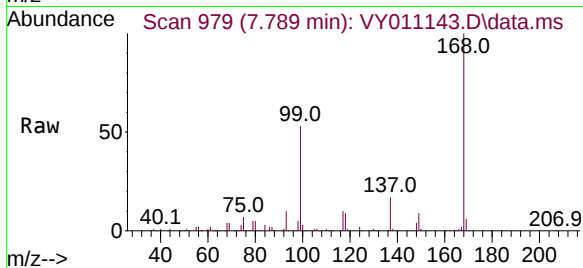




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

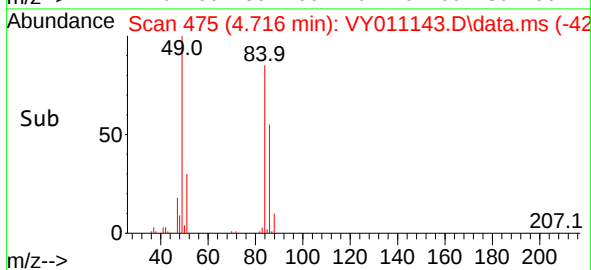
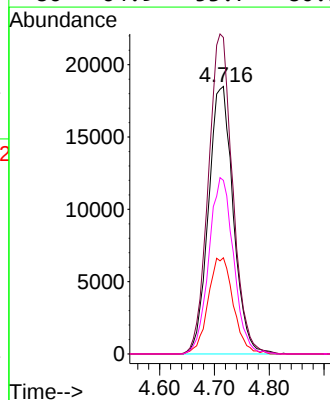
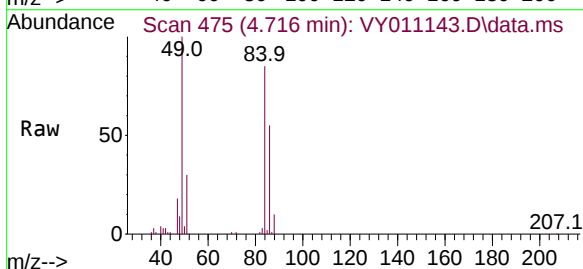
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

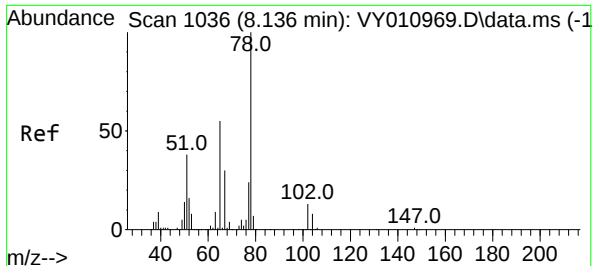
Tgt Ion:168 Resp: 299979
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#20
Methylene Chloride
Concen: 11.766 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 84 Resp: 58039
Ion Ratio Lower Upper
84 100
49 118.3 114.4 171.6
51 35.9 35.3 52.9
86 64.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.560 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011143.D

Acq: 27 Oct 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

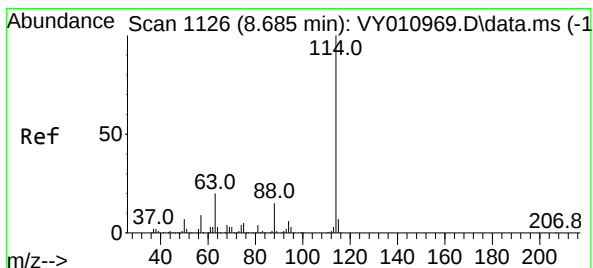
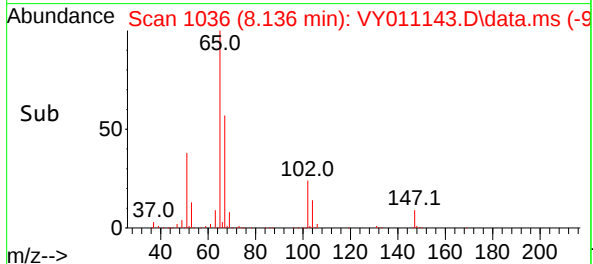
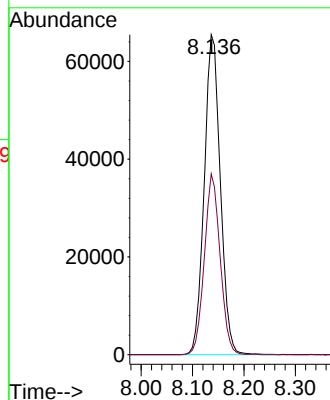
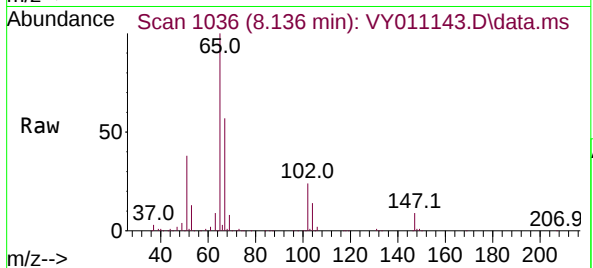
SB-12

Tgt Ion: 65 Resp: 142472

Ion Ratio Lower Upper

65 100

67 55.3 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: VY011143.D

Acq: 27 Oct 2022 16:50

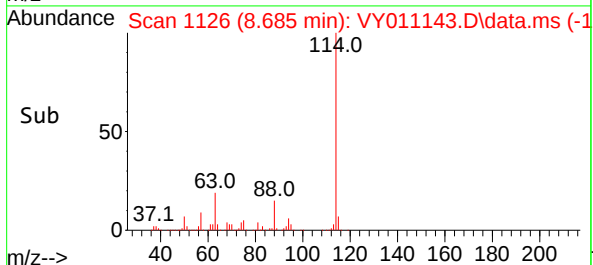
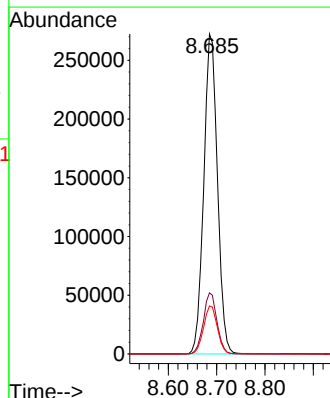
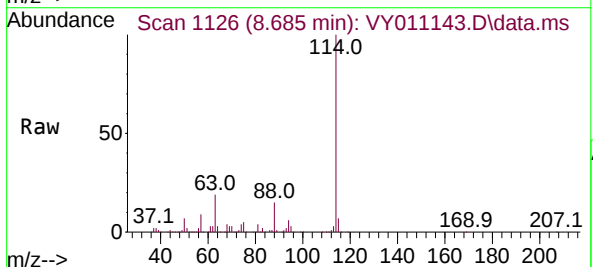
Tgt Ion: 114 Resp: 534821

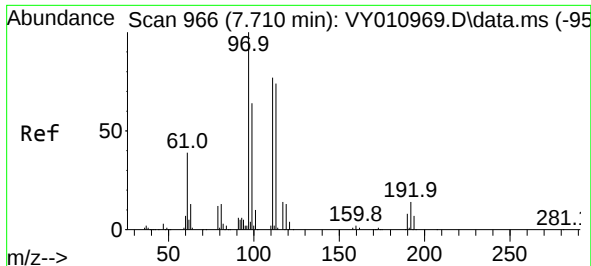
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.0 0.0 31.8

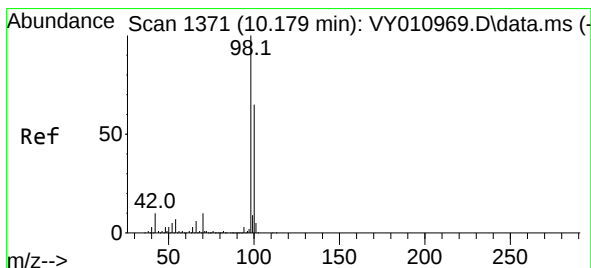
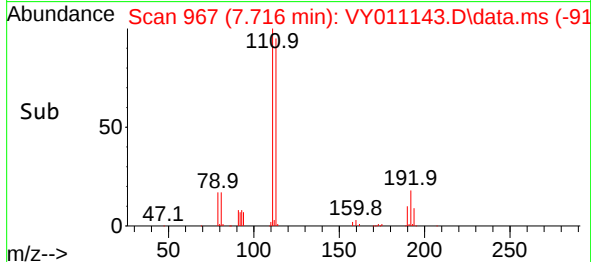
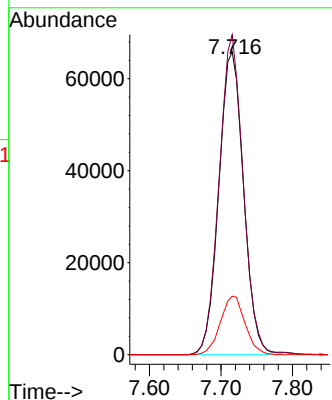
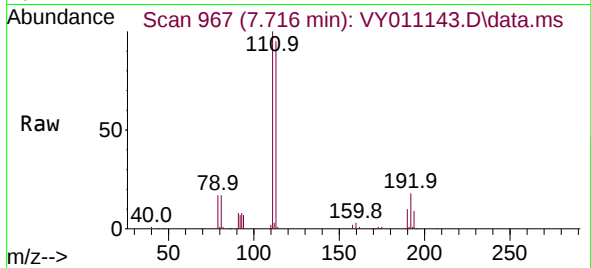




#35
Dibromofluoromethane
Concen: 53.176 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

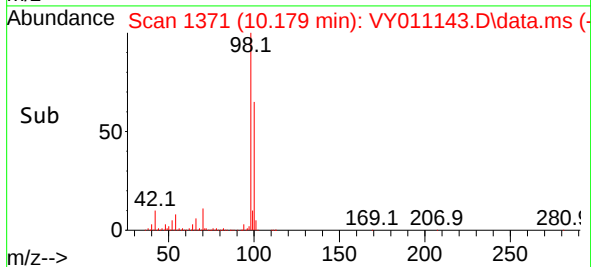
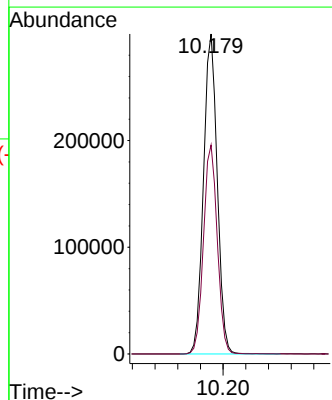
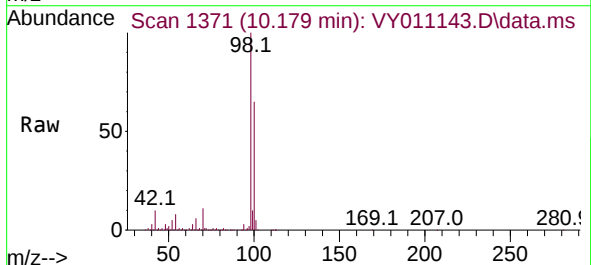
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

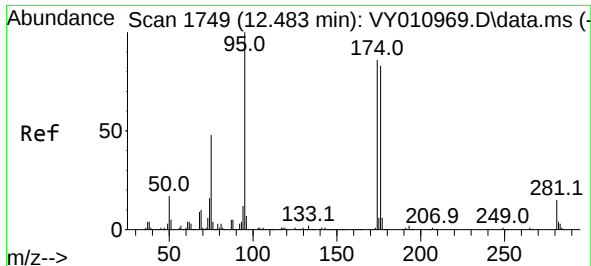
Tgt Ion:113 Resp: 158122
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 45.048 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 98 Resp: 503056
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

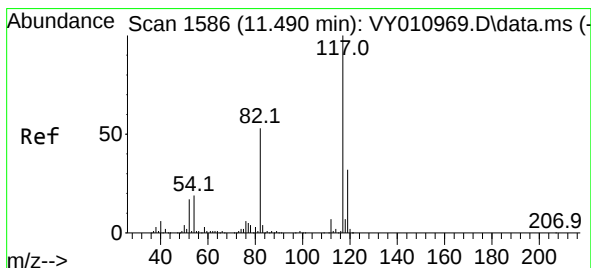
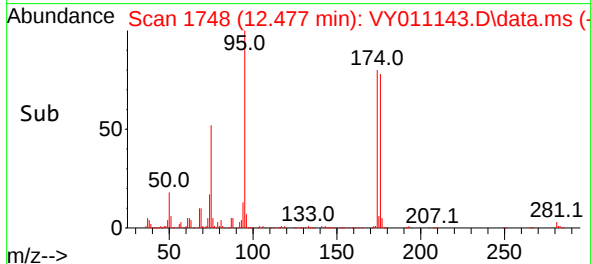
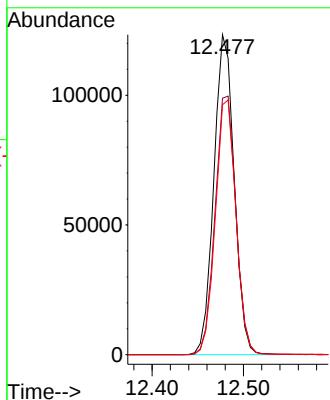
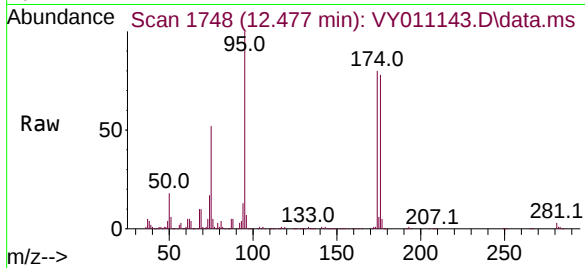




#62
4-Bromofluorobenzene
Concen: 48.148 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

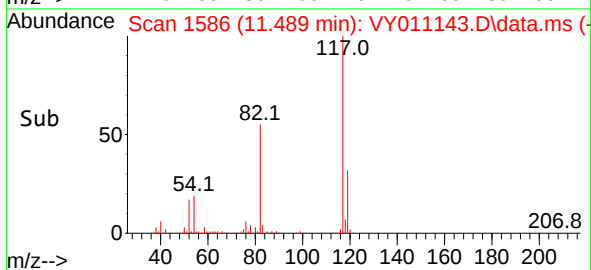
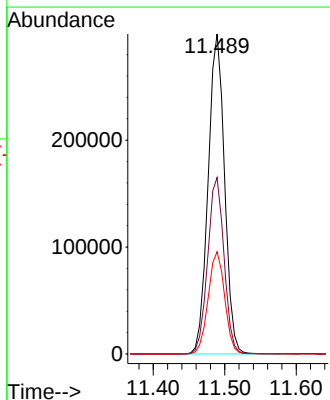
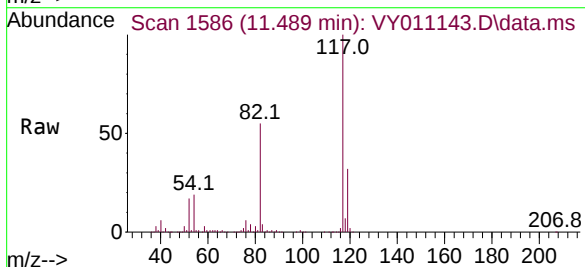
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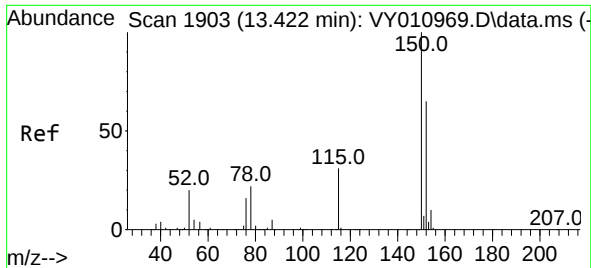
Tgt Ion: 95 Resp: 190908
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011143.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 117 Resp: 477453
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011143.D
 Acq: 27 Oct 2022 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12

Tgt Ion:152 Resp: 222053
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.2 84.7
 150 157.9 0.0 347.6

