

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011329.D
 Acq On : 07 Nov 2022 12:33
 Operator : KP/MD
 Sample : N5459-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-110322

Quant Time: Nov 08 03:28:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

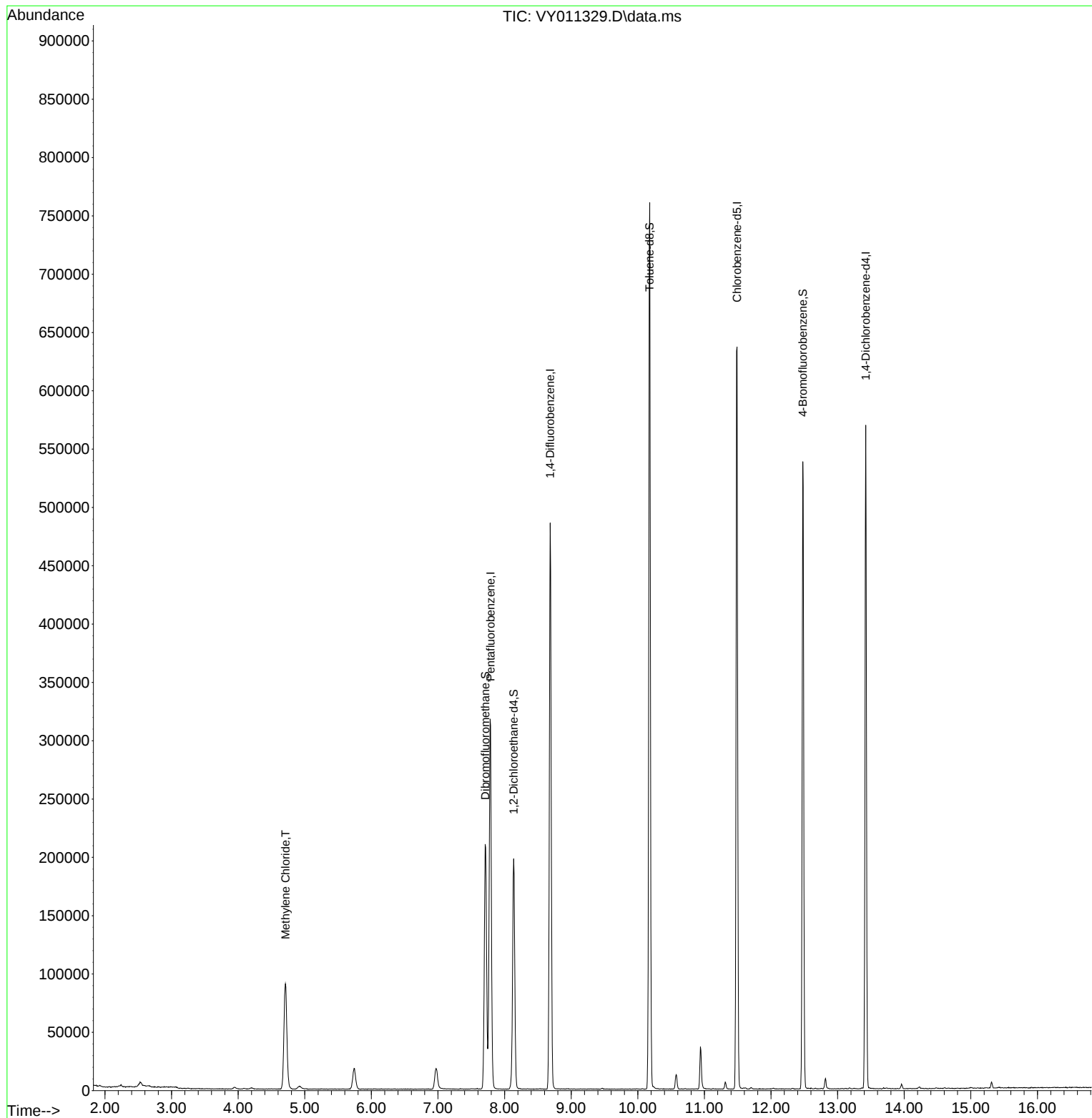
Internal Standards						
1) Pentafluorobenzene	7.789	168	253999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	375096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148980	54.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.680%	
35) Dibromofluoromethane	7.710	113	154292	55.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.760%	
50) Toluene-d8	10.179	98	508026	47.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.780%	
62) 4-Bromofluorobenzene	12.477	95	173776	46.696	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.400%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	74846	19.223	ug/l	# 80

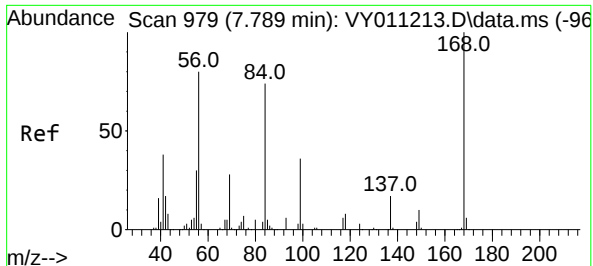
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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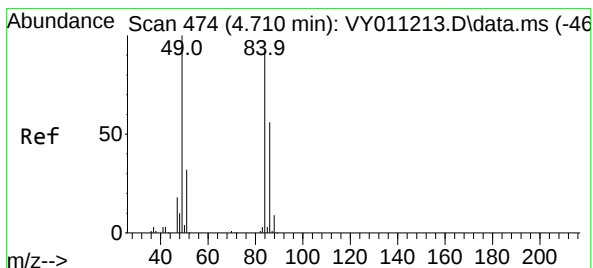
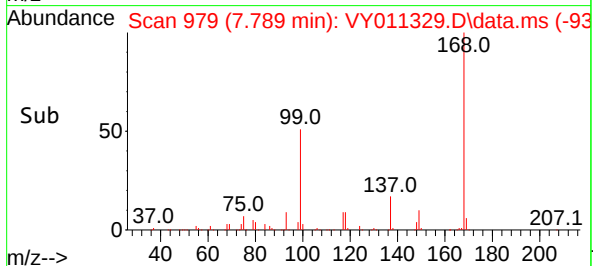
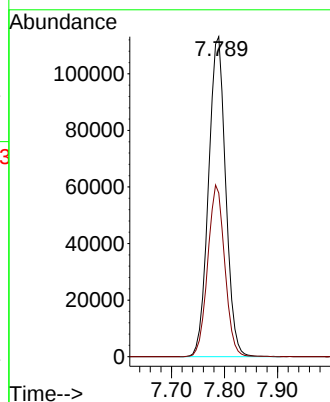
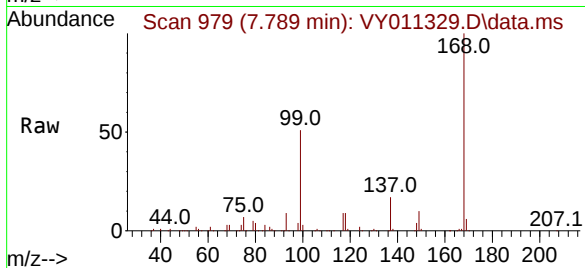




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011329.D
Acq: 07 Nov 2022 12:33

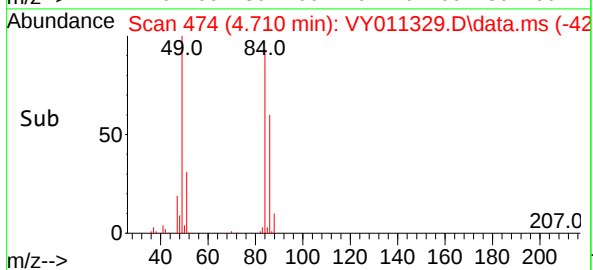
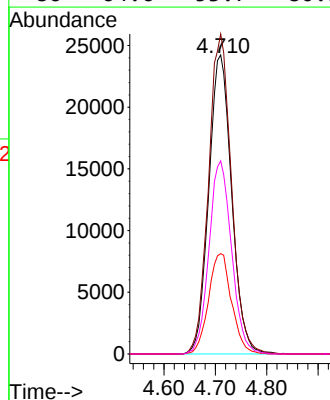
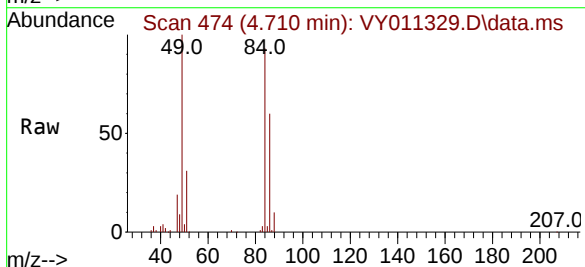
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-110322

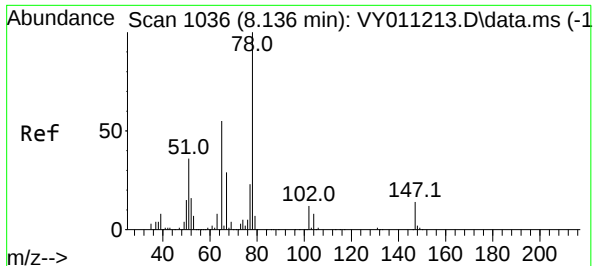
Tgt Ion:168 Resp: 253999
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#20
Methylene Chloride
Concen: 19.223 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011329.D
Acq: 07 Nov 2022 12:33

Tgt Ion: 84 Resp: 74846
Ion Ratio Lower Upper
84 100
49 107.0 114.4 171.6#
51 33.6 35.3 52.9#
86 64.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 54.842 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011329.D

Acq: 07 Nov 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

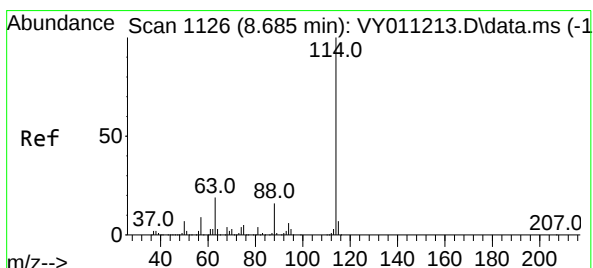
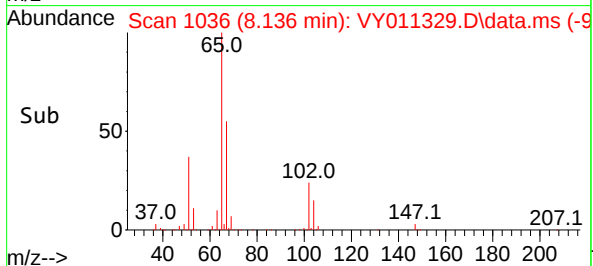
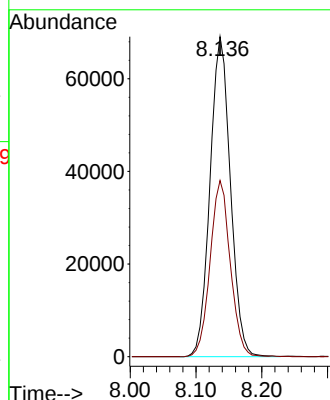
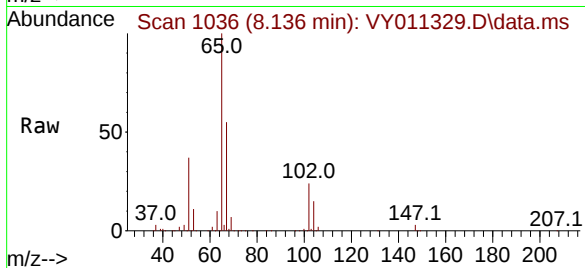
EO-03-110322

Tgt Ion: 65 Resp: 148980

Ion Ratio Lower Upper

65 100

67 54.4 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: VY011329.D

Acq: 07 Nov 2022 12:33

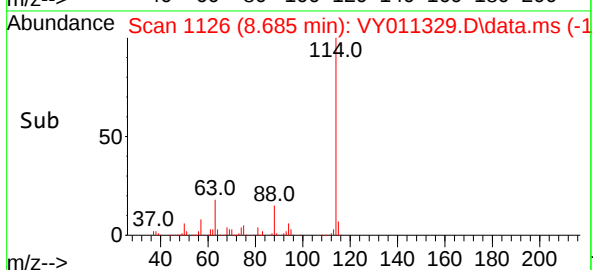
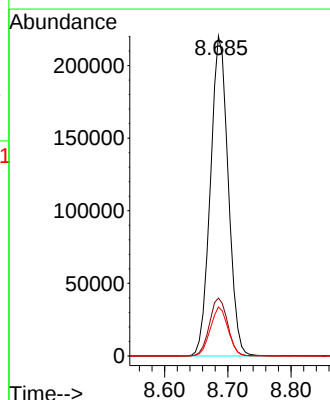
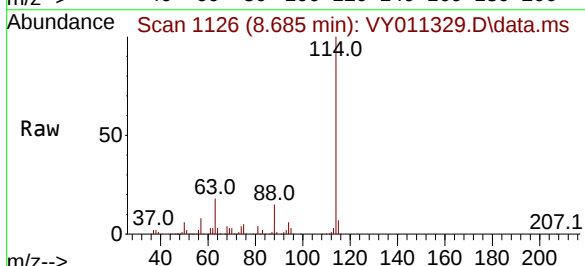
Tgt Ion: 114 Resp: 429723

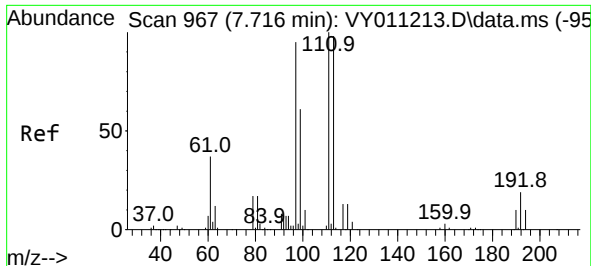
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.3 0.0 31.8

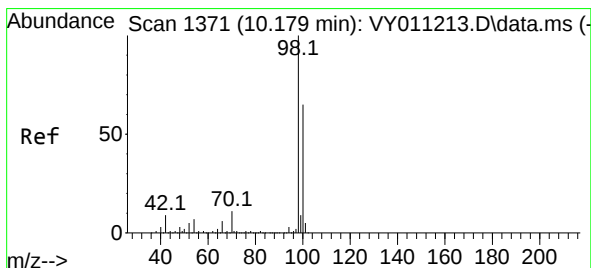
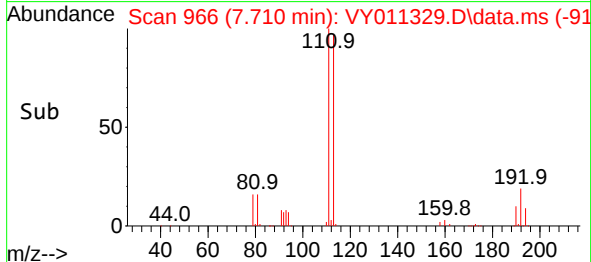
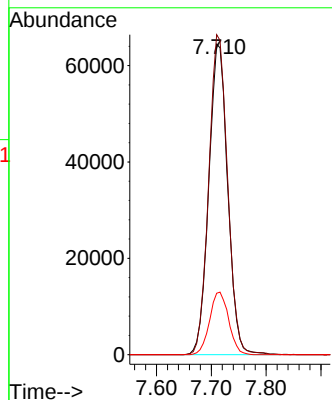
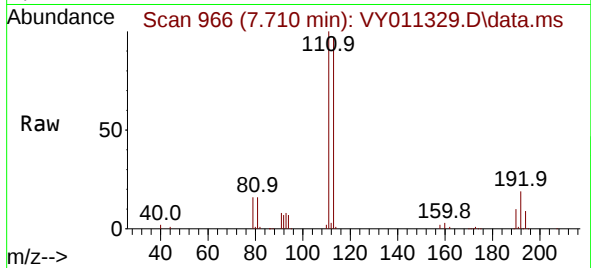




#35
Dibromofluoromethane
Concen: 55.884 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011329.D
Acq: 07 Nov 2022 12:33

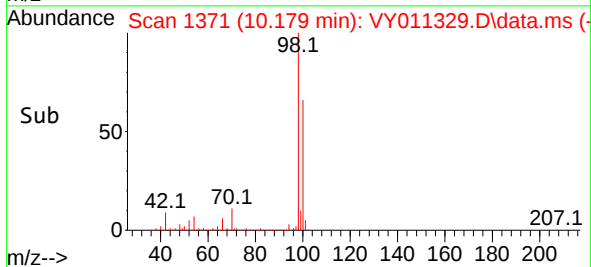
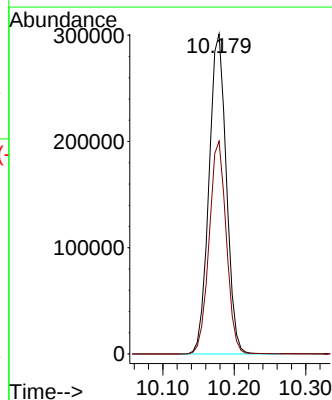
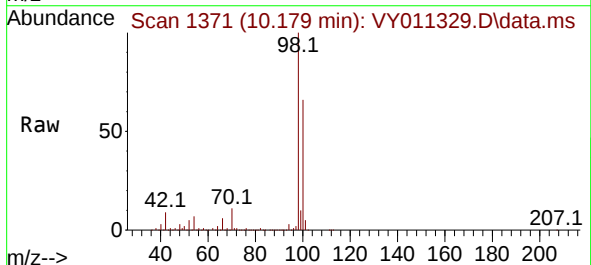
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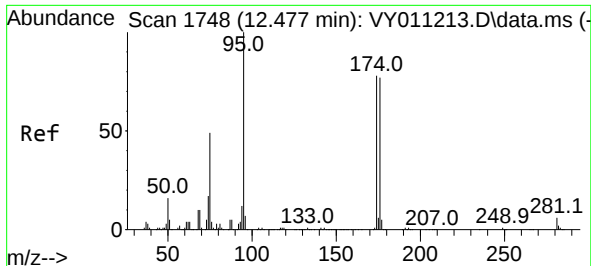
Tgt Ion:113 Resp: 154292
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.3 17.6 26.4



#50
Toluene-d8
Concen: 47.392 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011329.D
Acq: 07 Nov 2022 12:33

Tgt Ion: 98 Resp: 508026
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

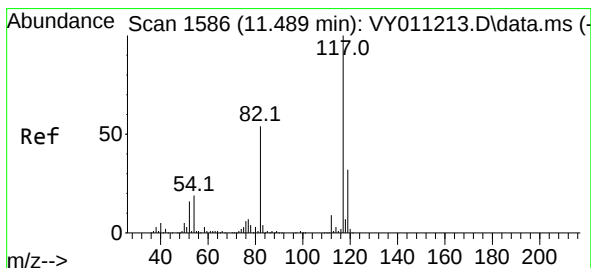
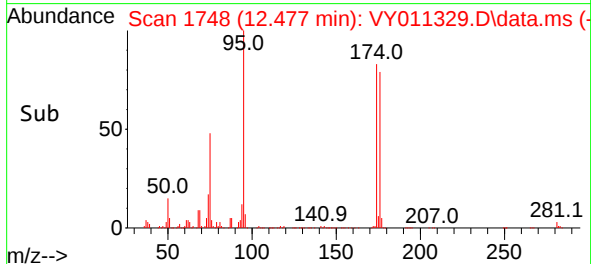
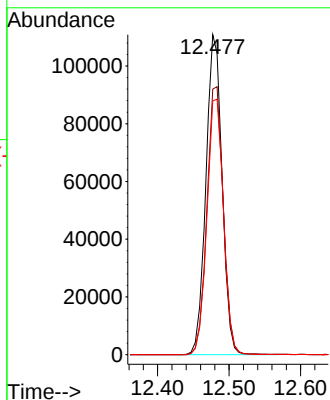
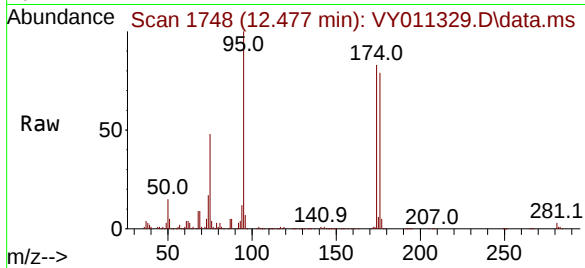




#62
4-Bromofluorobenzene
Concen: 46.696 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011329.D
Acq: 07 Nov 2022 12:33

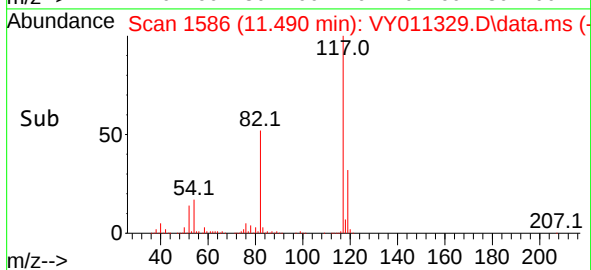
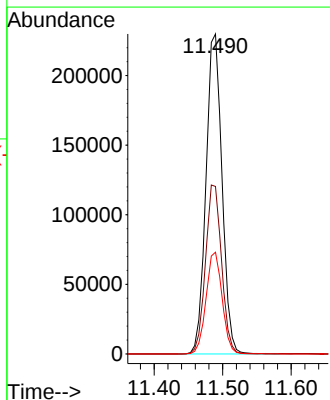
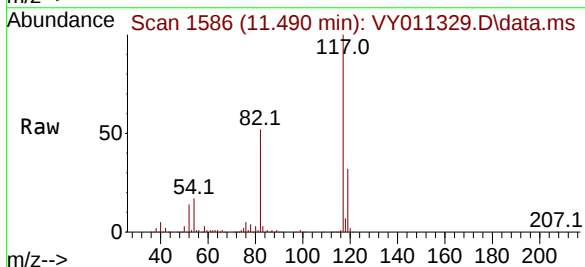
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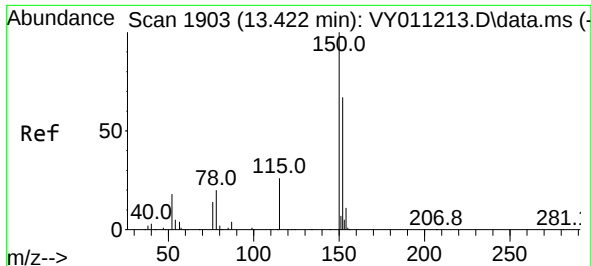
Tgt Ion: 95 Resp: 173776
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011329.D
Acq: 07 Nov 2022 12:33

Tgt Ion: 117 Resp: 375096
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.8 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: VY011329.D
 Acq: 07 Nov 2022 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-110322

Tgt Ion:152 Resp: 153543
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 155.9 0.0 347.6

