

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011336.D
 Acq On : 07 Nov 2022 15:40
 Operator : KP/MD
 Sample : N5495-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29A

Quant Time: Nov 08 03:29:40 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)

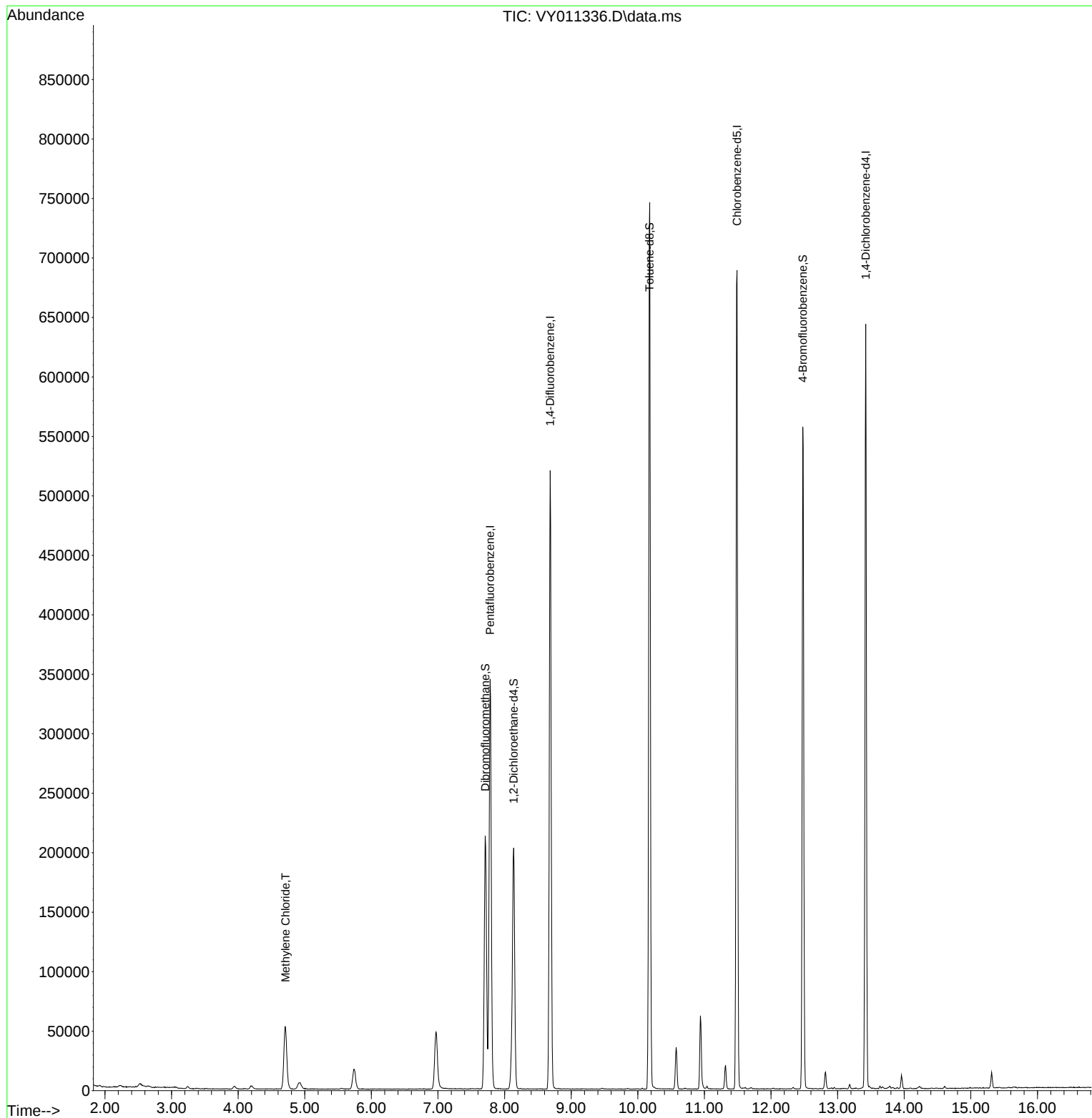
Internal Standards						
1) Pentafluorobenzene	7.783	168	274790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	459661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	400467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146941	49.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.000%	
35) Dibromofluoromethane	7.710	113	154924	52.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.179	98	515216	44.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.860%	
62) 4-Bromofluorobenzene	12.477	95	170246	42.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.540%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	43242	7.660	ug/l	# 82

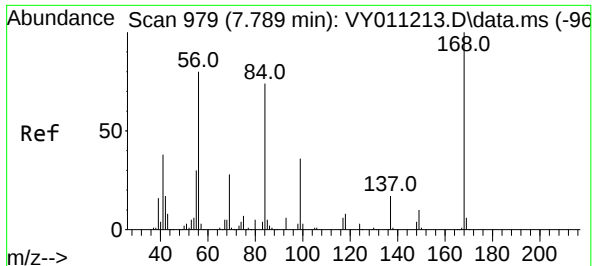
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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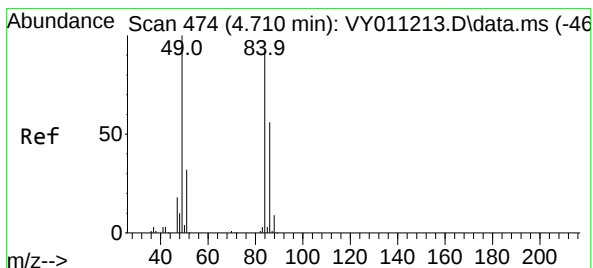
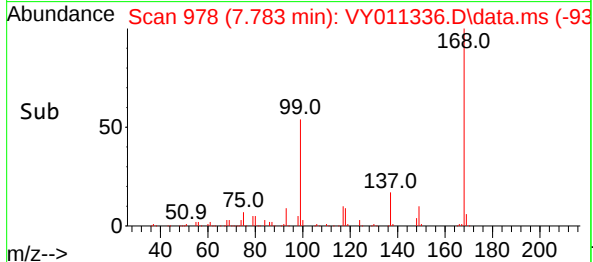
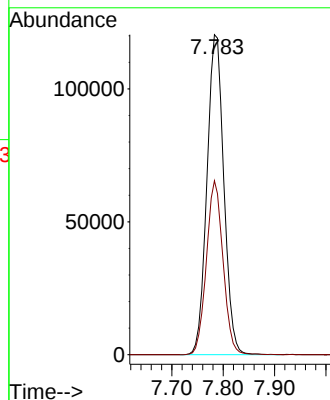
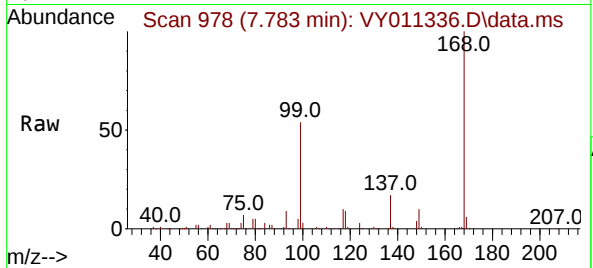




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

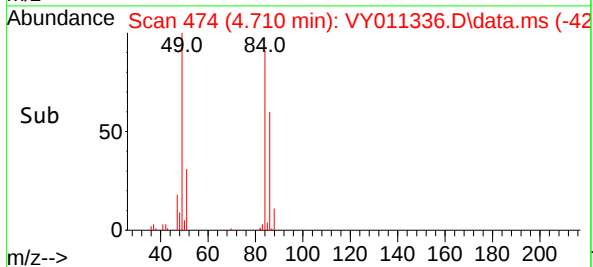
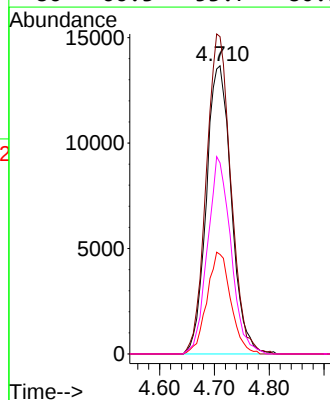
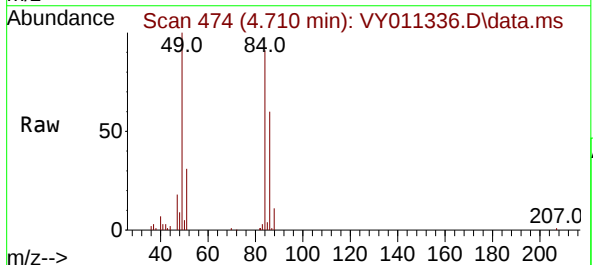
Instrument :
MSVOA_Y
ClientSampleId :
SB-29A

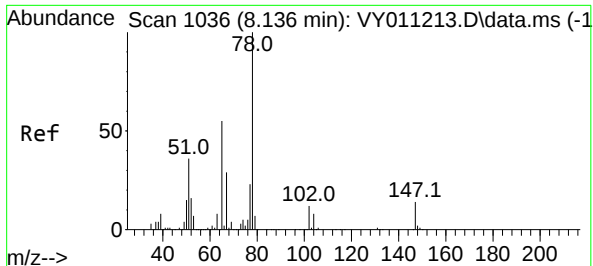
Tgt Ion:168 Resp: 274790
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#20
Methylene Chloride
Concen: 7.660 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 84 Resp: 43242
Ion Ratio Lower Upper
84 100
49 110.1 114.4 171.6#
51 34.6 35.3 52.9#
86 66.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 49.999 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011336.D

Acq: 07 Nov 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

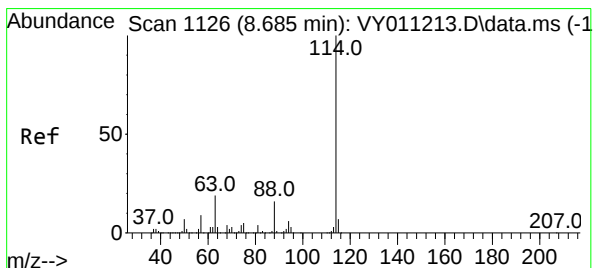
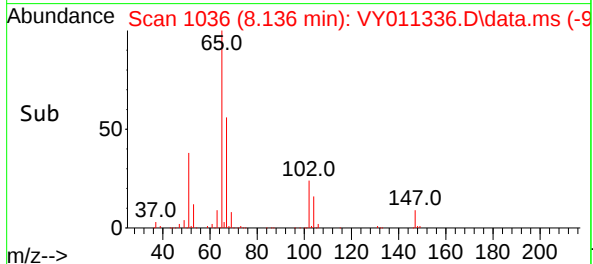
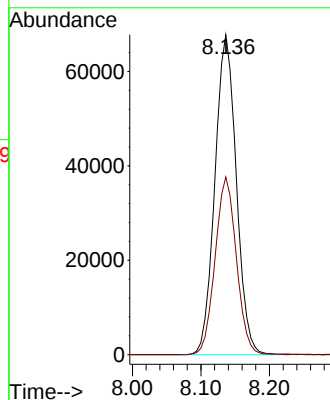
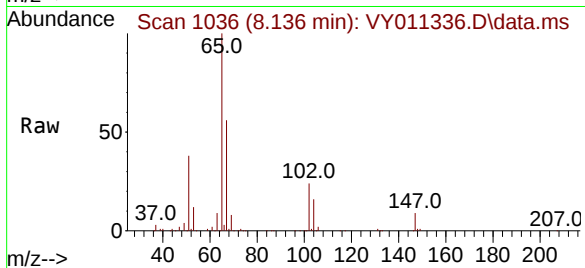
SB-29A

Tgt Ion: 65 Resp: 146941

Ion Ratio Lower Upper

65 100

67 55.1 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: VY011336.D

Acq: 07 Nov 2022 15:40

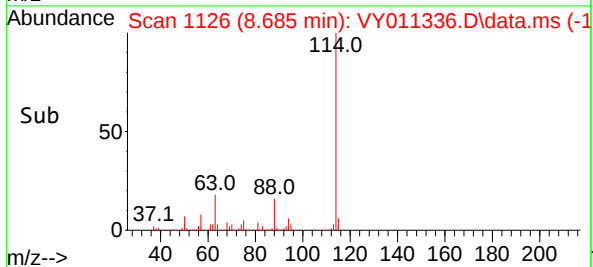
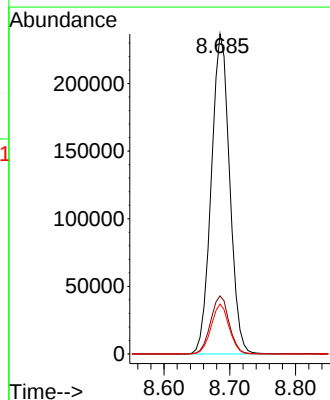
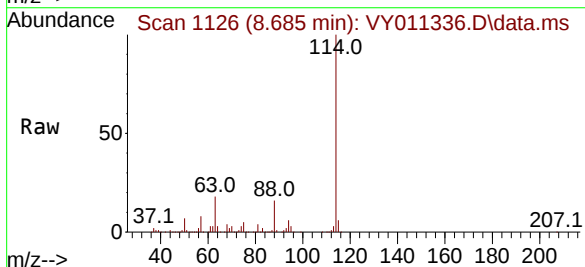
Tgt Ion: 114 Resp: 459661

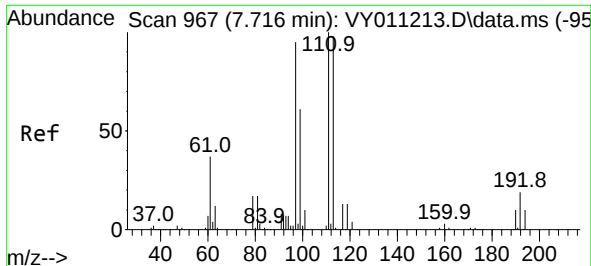
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.6 0.0 31.8

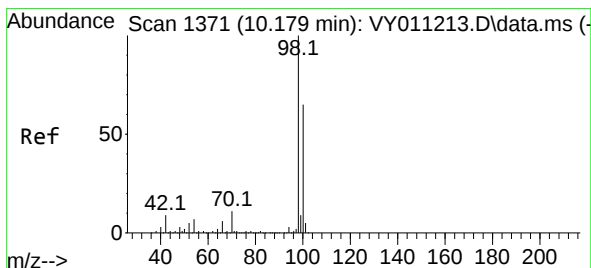
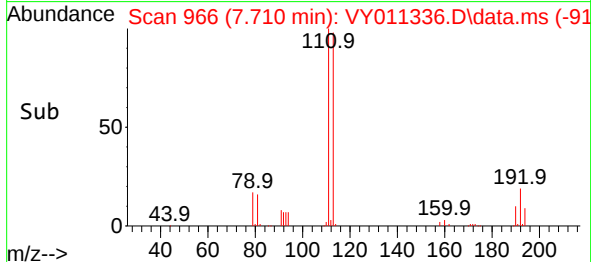
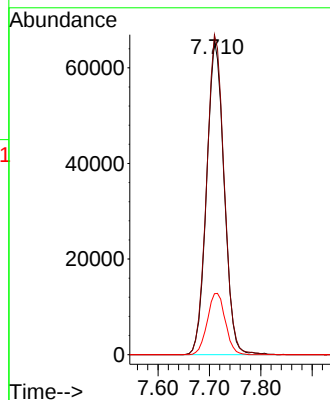
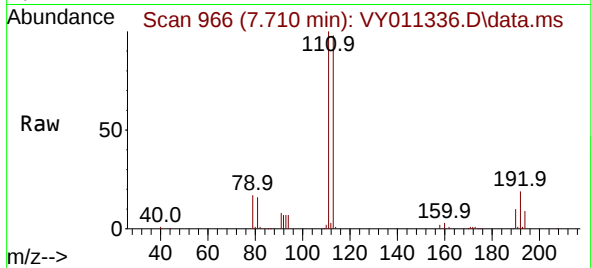




#35
Dibromofluoromethane
Concen: 52.458 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

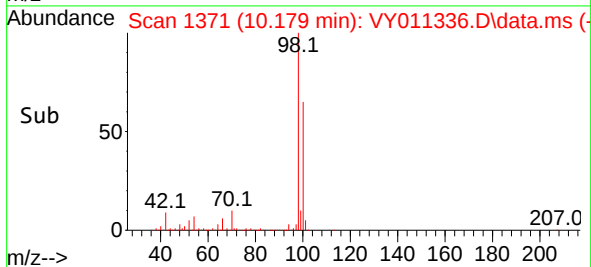
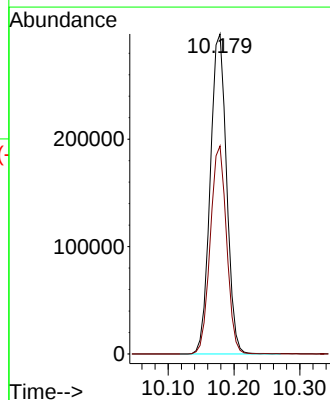
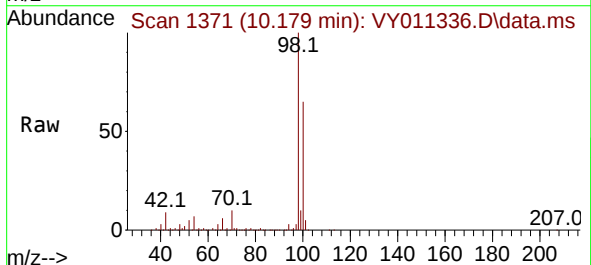
Instrument :
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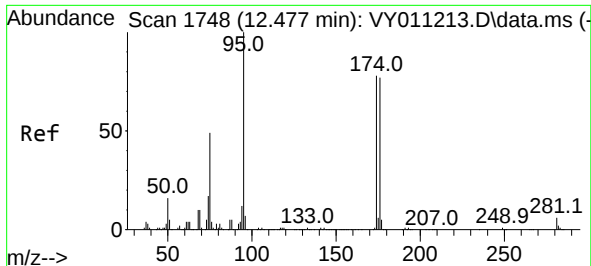
Tgt Ion:113 Resp: 154924
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.1 17.6 26.4



#50
Toluene-d8
Concen: 44.932 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 98 Resp: 515216
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

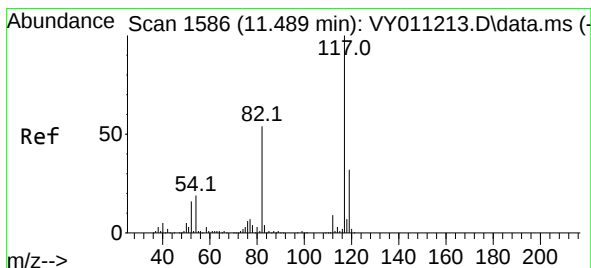
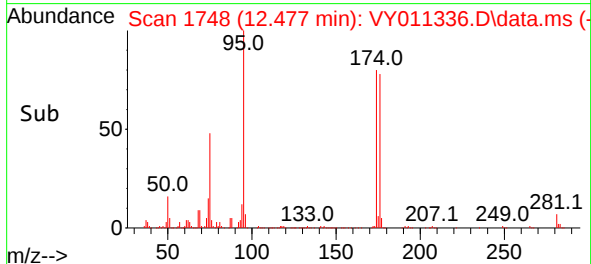
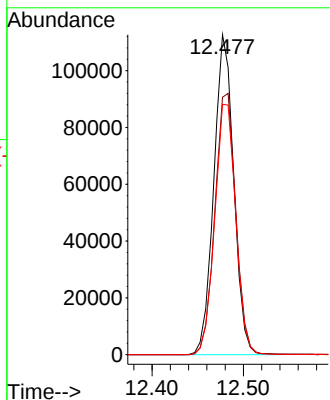
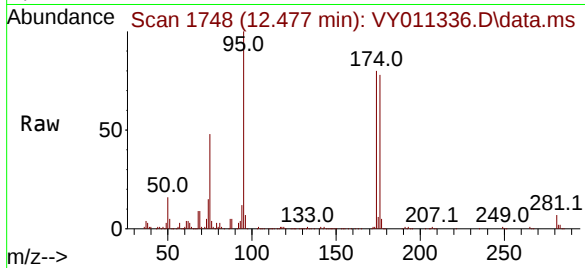




#62
4-Bromofluorobenzene
Concen: 42.768 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

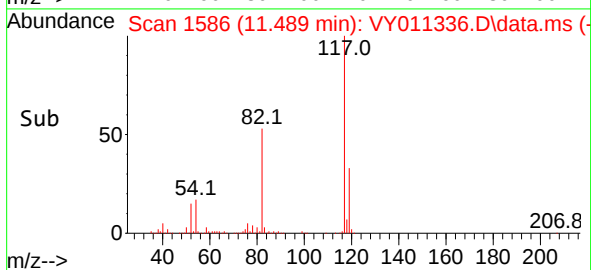
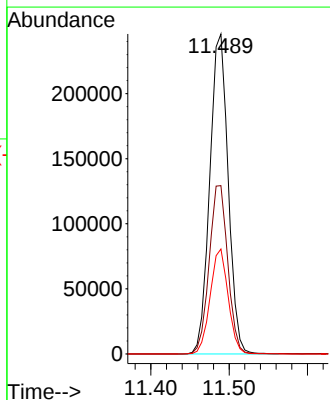
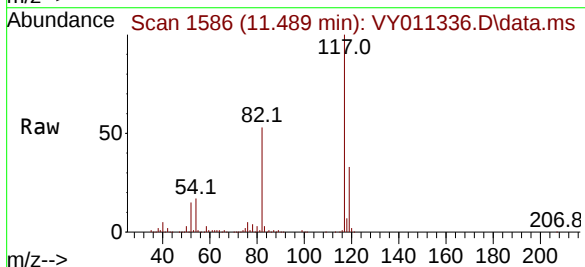
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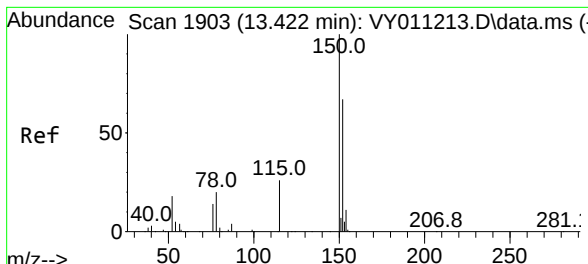
Tgt Ion: 95 Resp: 170246
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 82.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 117 Resp: 400467
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.8 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: VY011336.D
 Acq: 07 Nov 2022 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29A

Tgt Ion:	152	Resp:	170444
Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.2	84.7
150	158.0	0.0	347.6

