

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011337.D
 Acq On : 07 Nov 2022 16:03
 Operator : KP/MD
 Sample : N5495-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29B

Quant Time: Nov 08 03:29:51 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)

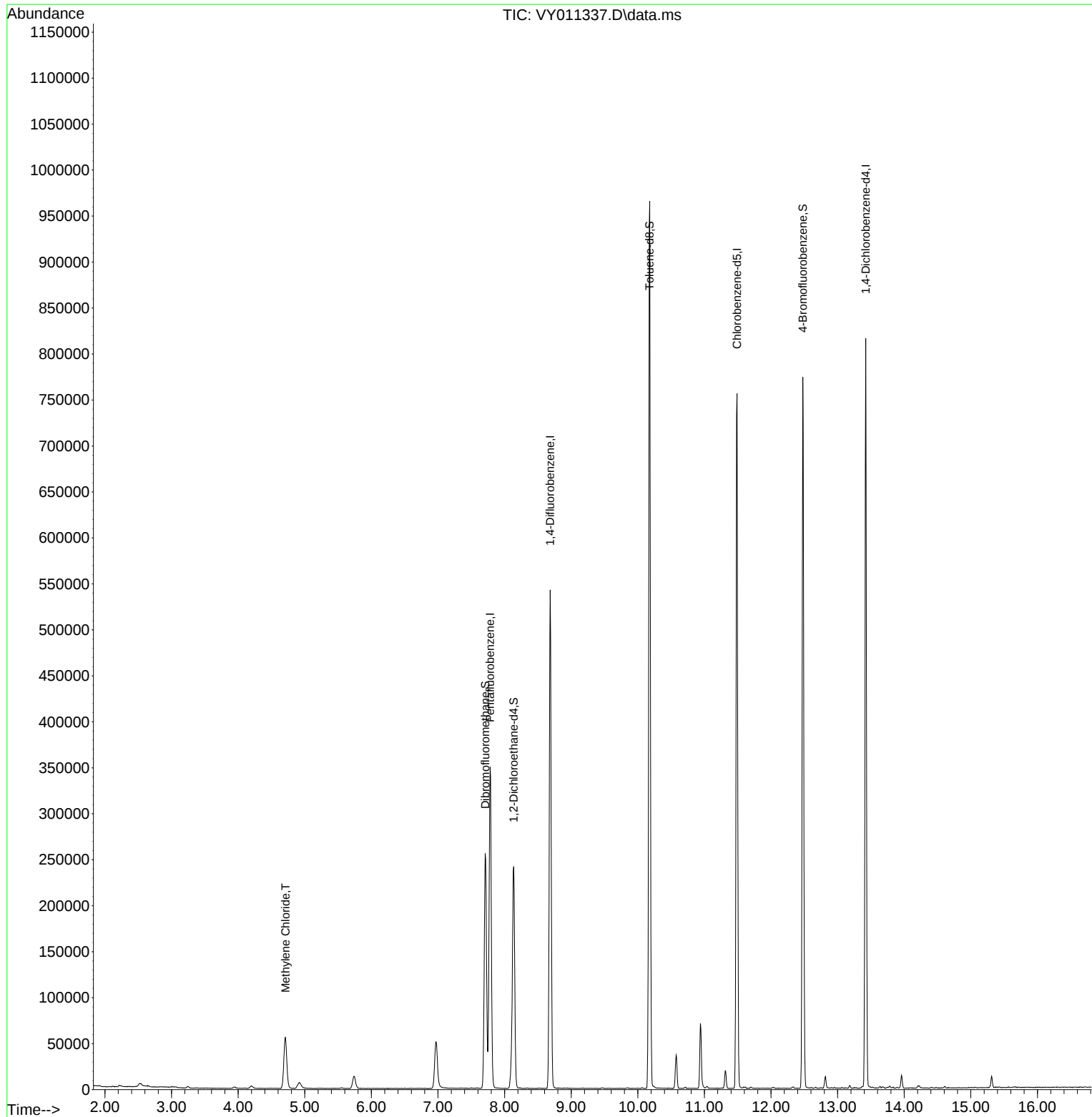
Internal Standards						
1) Pentafluorobenzene	7.783	168	283873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	484723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	439875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	210618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	178670	58.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.700%
35) Dibromofluoromethane	7.710	113	188420	60.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.000%
50) Toluene-d8	10.179	98	653295	54.029	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.060%
62) 4-Bromofluorobenzene	12.477	95	235470	56.094	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.180%
Target Compounds						
20) Methylene Chloride	4.710	84	45310	7.850	ug/l	Qvalue # 80

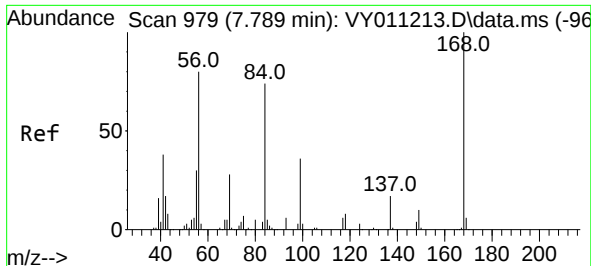
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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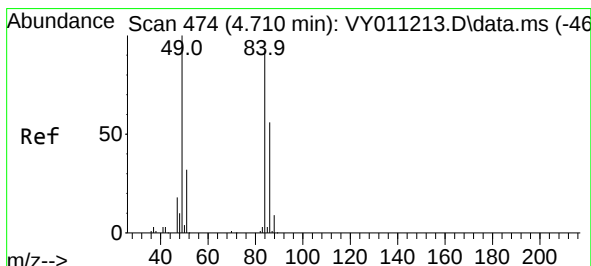
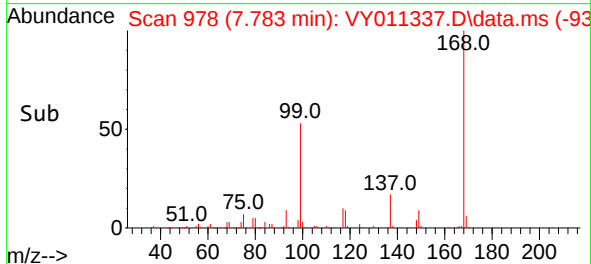
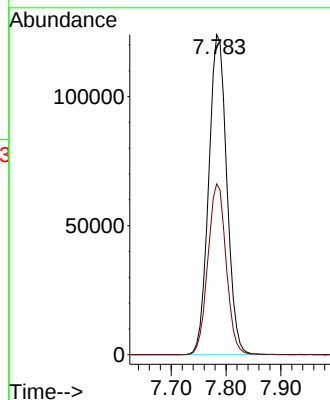
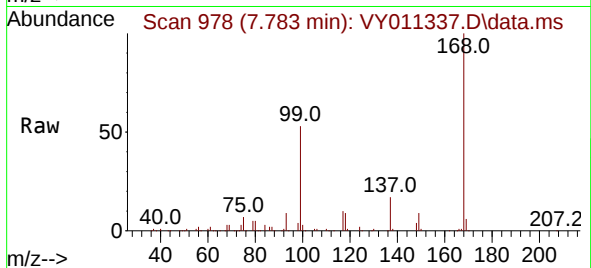




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

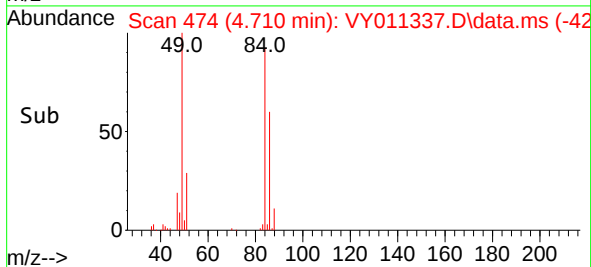
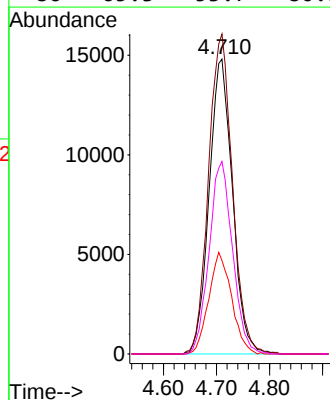
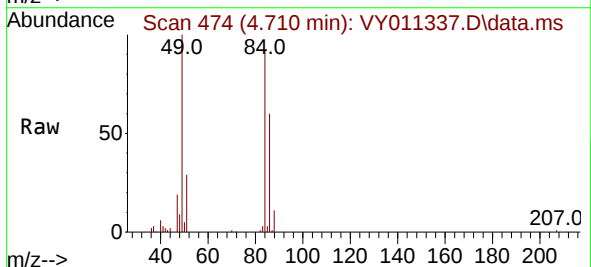
Instrument :
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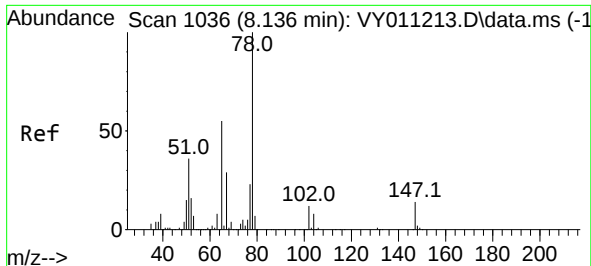
Tgt Ion:168 Resp: 283873
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#20
Methylene Chloride
Concen: 7.850 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion: 84 Resp: 45310
Ion Ratio Lower Upper
84 100
49 108.5 114.4 171.6#
51 31.7 35.3 52.9#
86 65.3 53.7 80.5

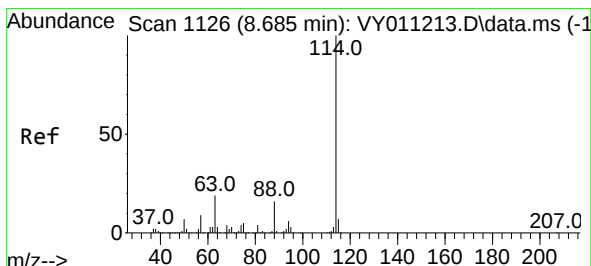
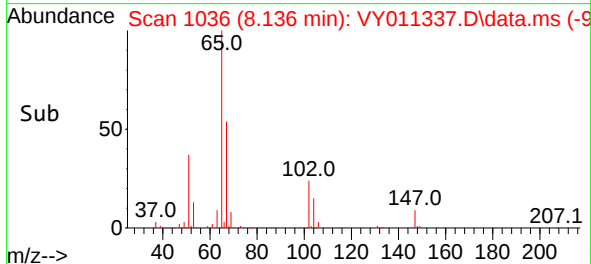
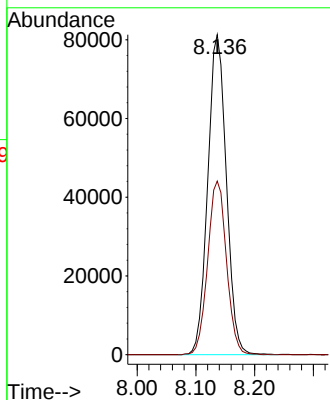
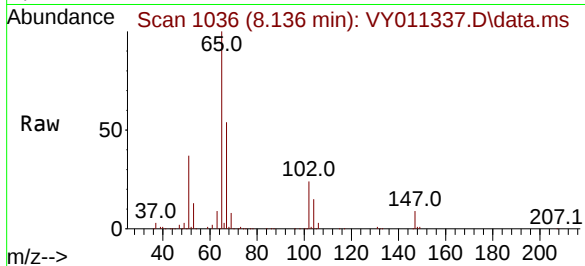




#33
 1,2-Dichloroethane-d4
 Concen: 58.850 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY011337.D
 Acq: 07 Nov 2022 16:03

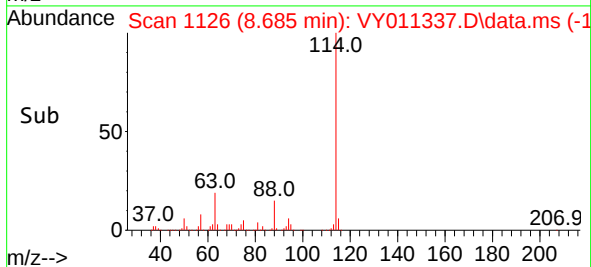
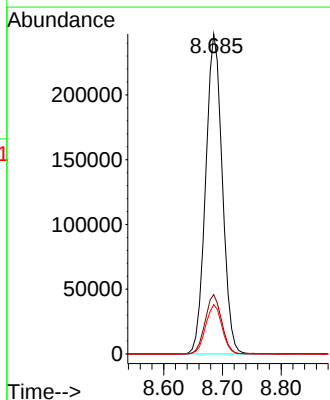
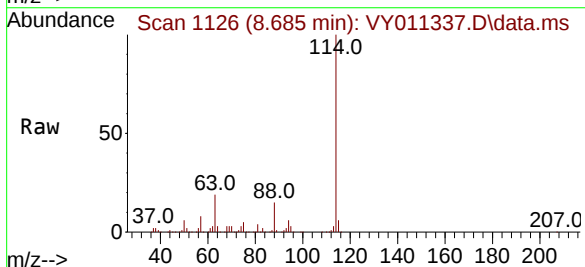
Instrument :
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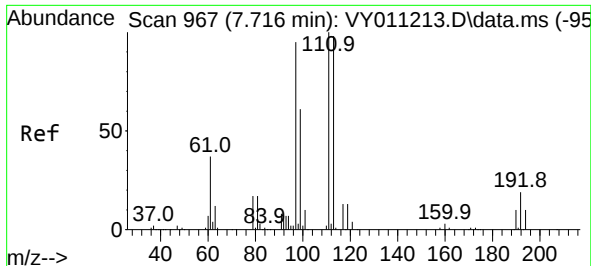
Tgt Ion: 65 Resp: 178670
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011337.D
 Acq: 07 Nov 2022 16:03

Tgt Ion: 114 Resp: 484723
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 43.2
 88 15.4 0.0 31.8

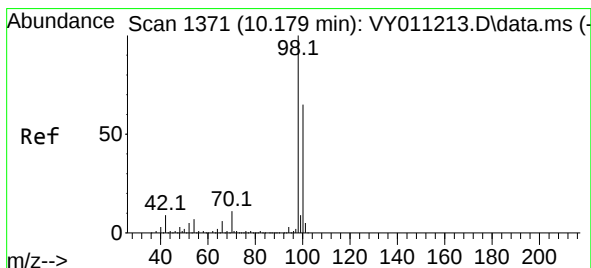
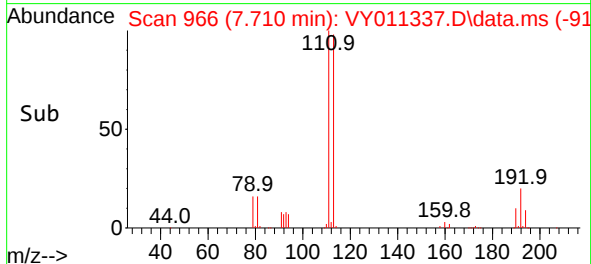
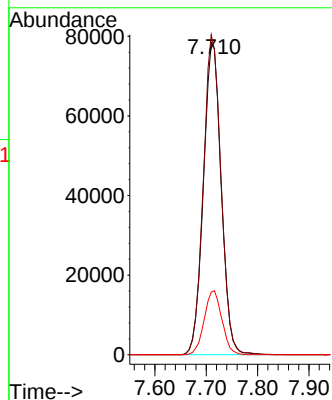
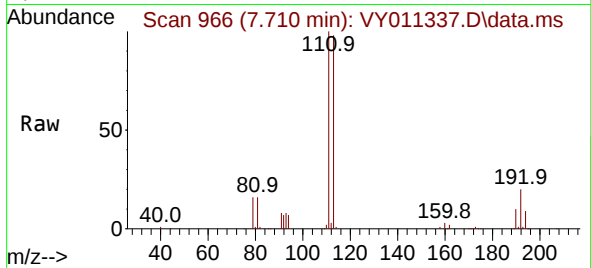




#35
Dibromofluoromethane
Concen: 60.501 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

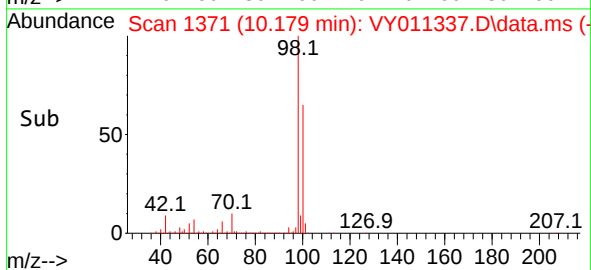
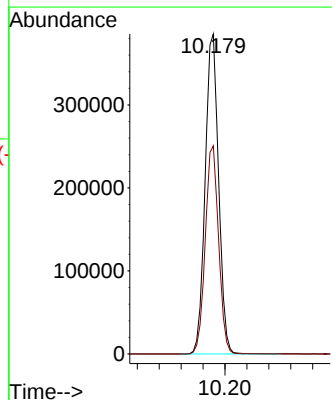
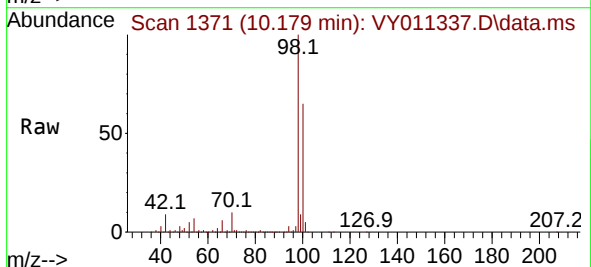
Instrument :
MSVOA_Y
ClientSampleId :
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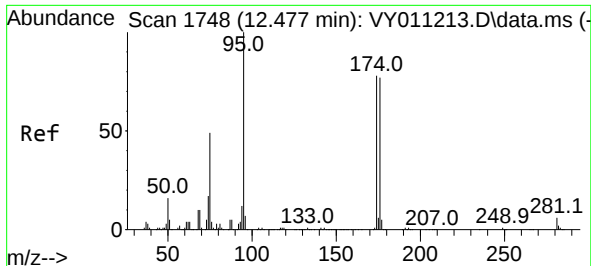
Tgt Ion:113 Resp: 188420
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 20.3 17.6 26.4



#50
Toluene-d8
Concen: 54.029 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion: 98 Resp: 653295
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

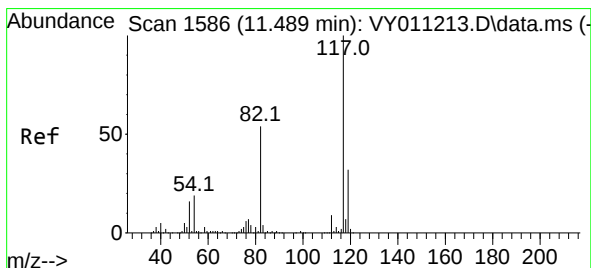
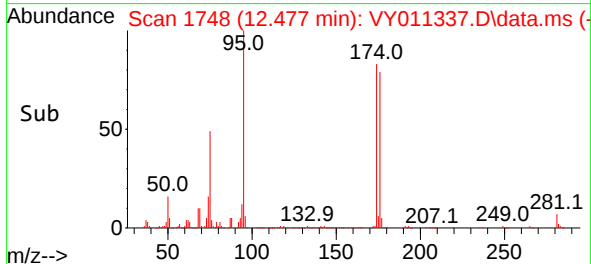
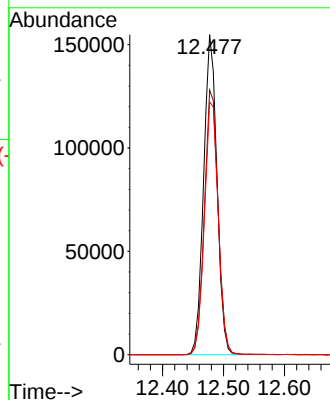
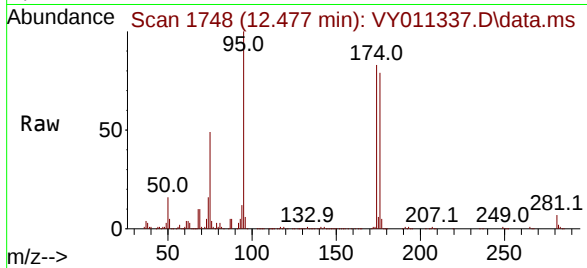




#62
4-Bromofluorobenzene
Concen: 56.094 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

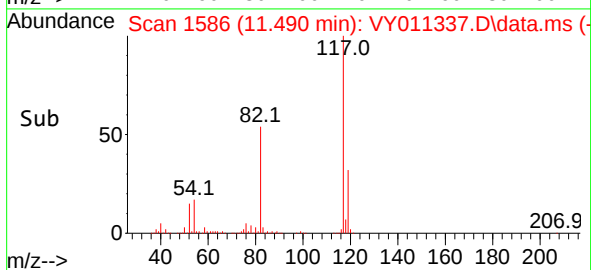
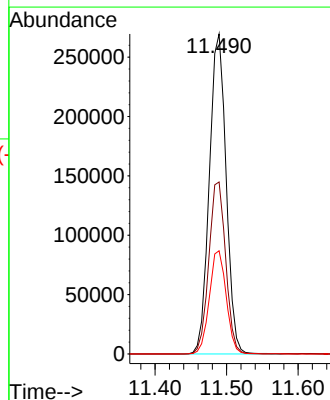
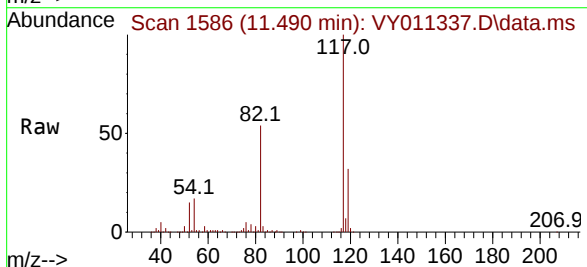
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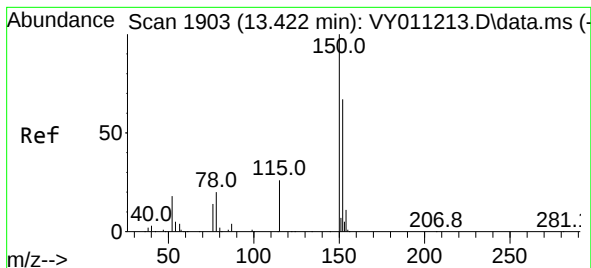
Tgt Ion: 95 Resp: 235470
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 81.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion: 117 Resp: 439875
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.2 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: VY011337.D

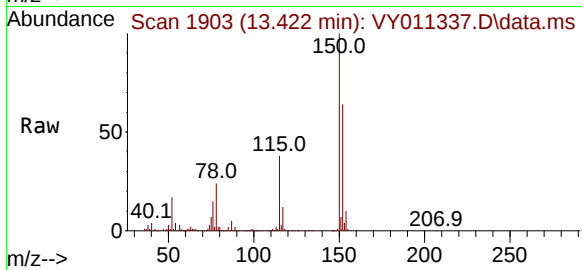
Acq: 07 Nov 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-29B



Tgt Ion:152 Resp: 210618

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 156.8 0.0 347.6

