

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011333.D
 Acq On : 07 Nov 2022 14:04
 Operator : KP/MD
 Sample : N5495-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-32B

Quant Time: Nov 08 03:29:17 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)

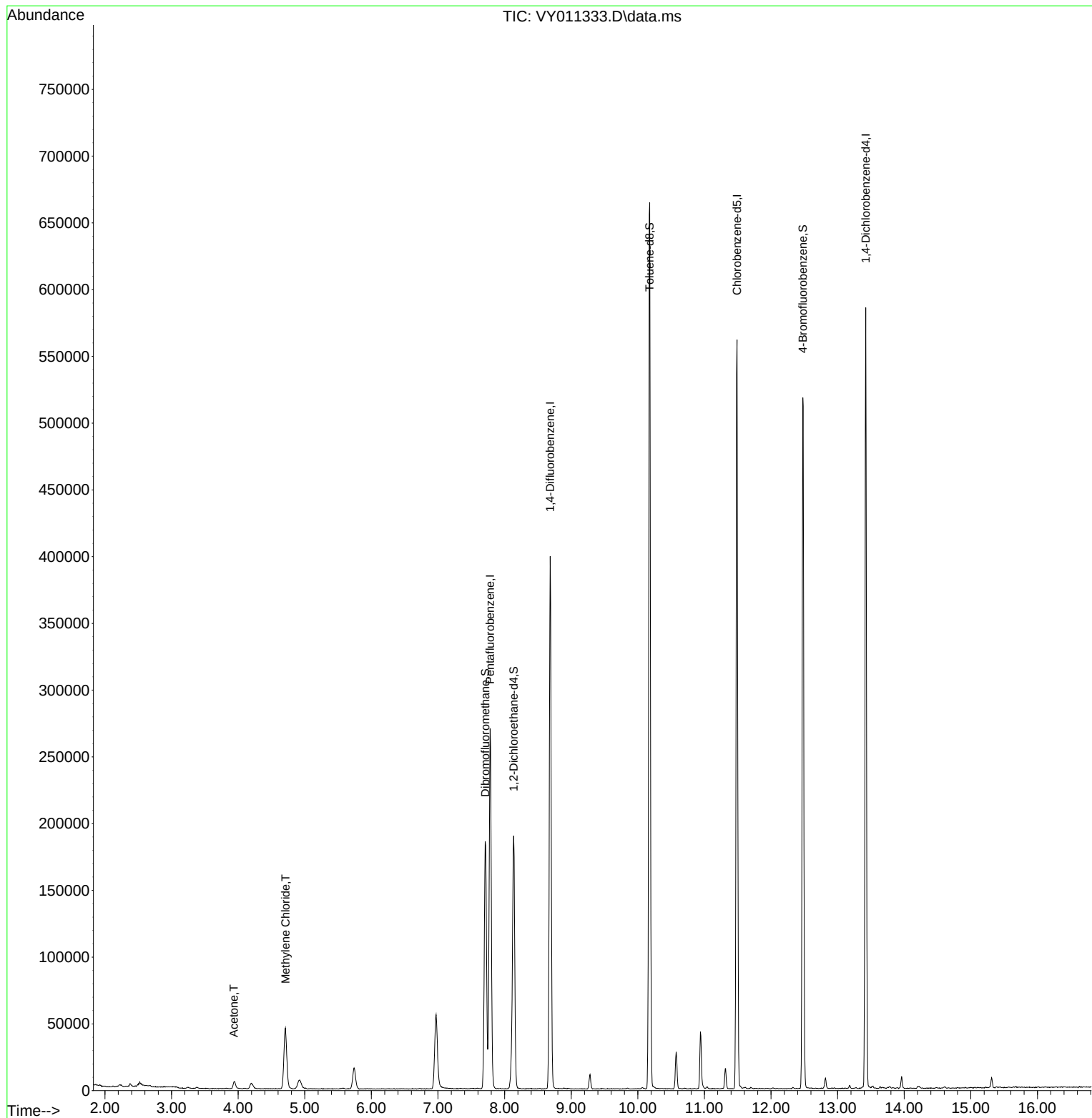
Internal Standards						
1) Pentafluorobenzene	7.783	168	214410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	327796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141192	61.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.140%			
35) Dibromofluoromethane	7.710	113	136335	60.092	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.180%			
50) Toluene-d8	10.179	98	454634	51.612	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.477	95	161816	52.915	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.840%			
Target Compounds						Qvalue
16) Acetone	3.936	43	9478	13.692	ug/l #	89
20) Methylene Chloride	4.710	84	36426	8.715	ug/l #	83

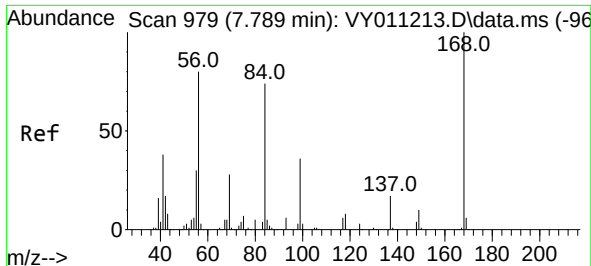
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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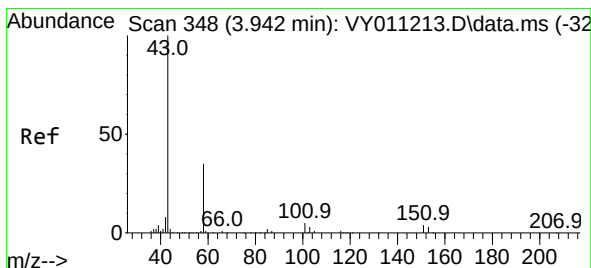
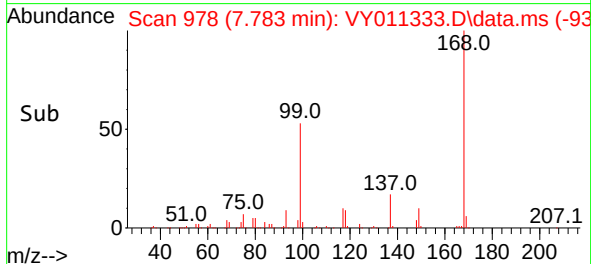
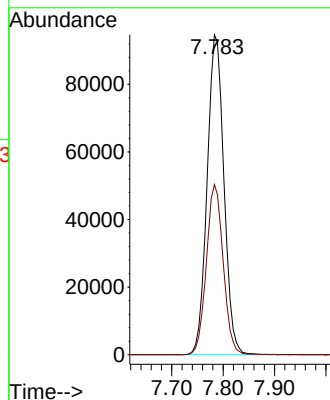
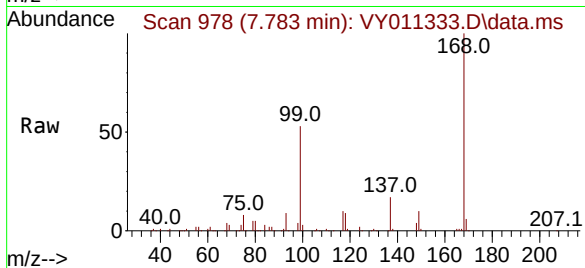




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

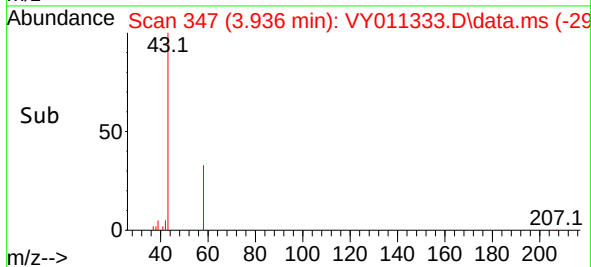
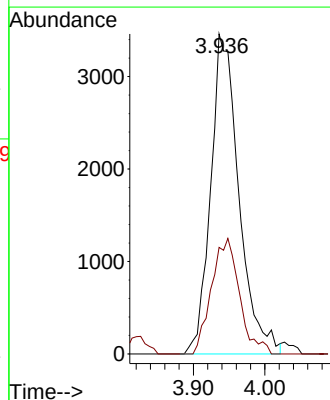
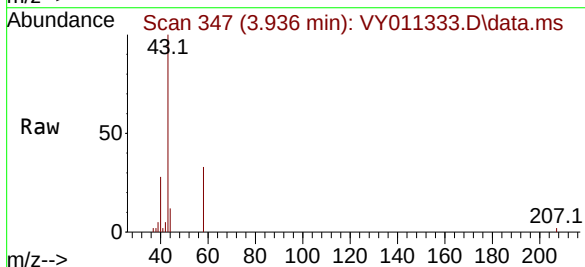
Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

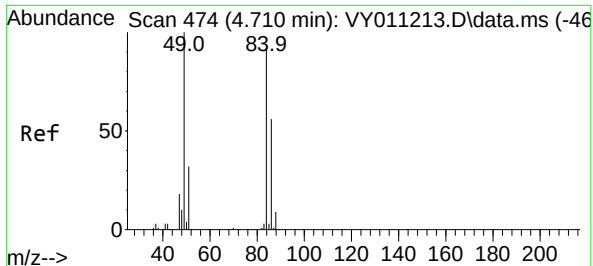
Tgt Ion:168 Resp: 214410
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#16
Acetone
Concen: 13.692 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 43 Resp: 9478
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#

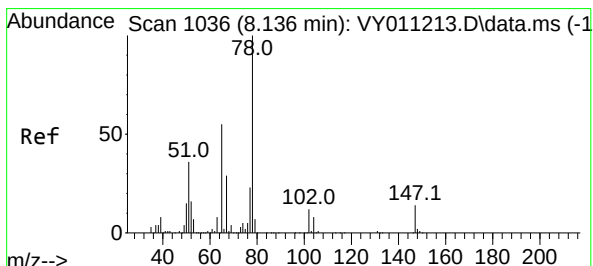
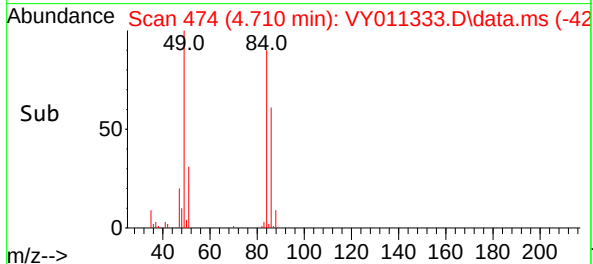
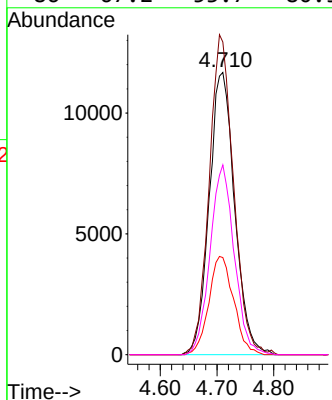
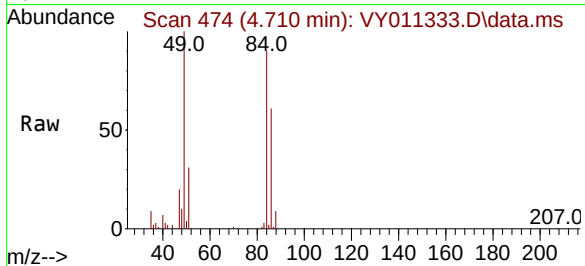




#20
Methylene Chloride
Concen: 8.715 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

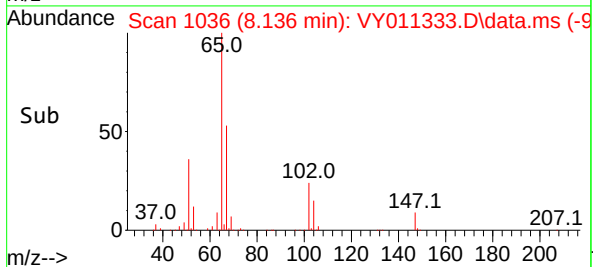
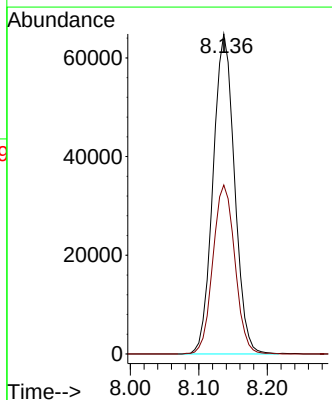
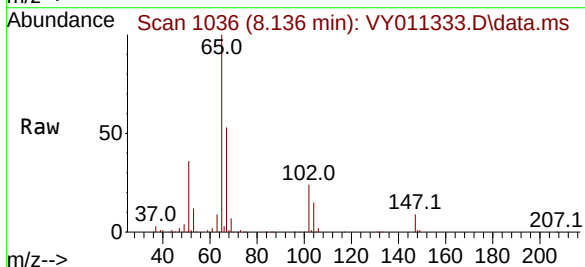
Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

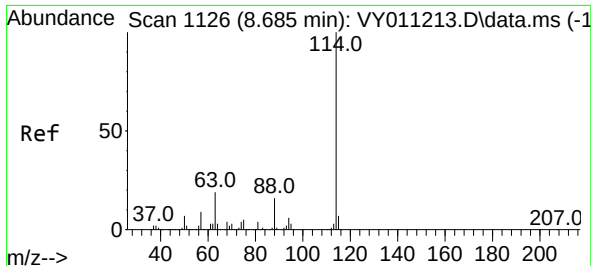
Tgt Ion: 84 Resp: 36426
Ion Ratio Lower Upper
84 100
49 110.8 114.4 171.6#
51 34.4 35.3 52.9#
86 67.2 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 61.572 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 65 Resp: 141192
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4

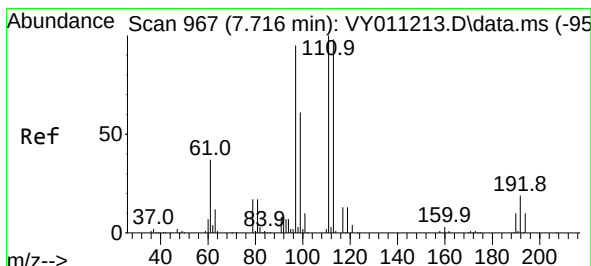
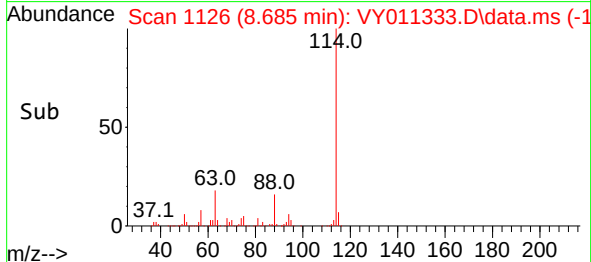
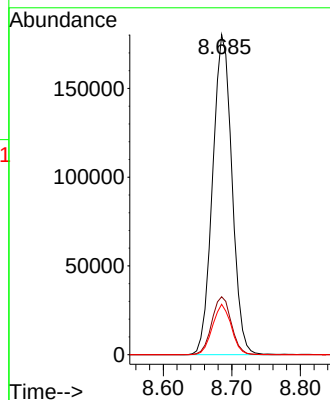
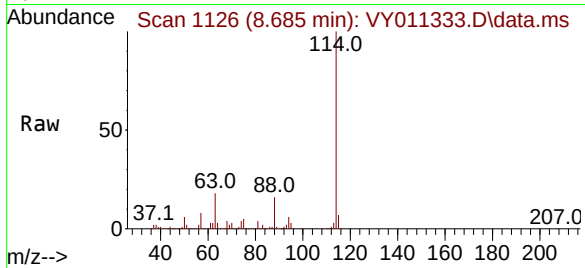




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

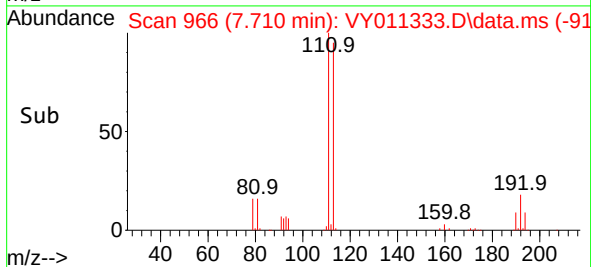
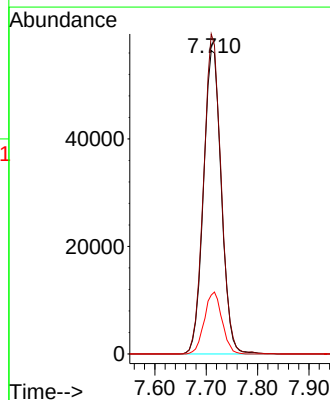
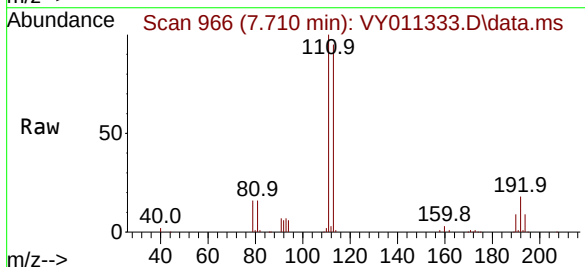
Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

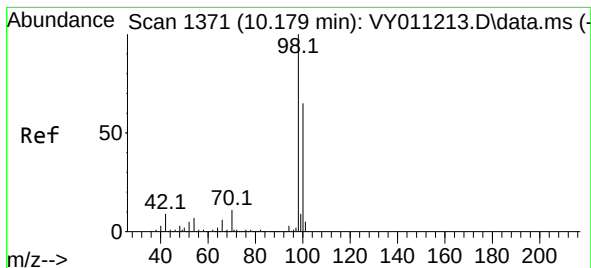
Tgt Ion:114 Resp: 353117
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 60.092 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion:113 Resp: 136335
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.1 17.6 26.4





#50

Toluene-d8

Concen: 51.612 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011333.D

Acq: 07 Nov 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

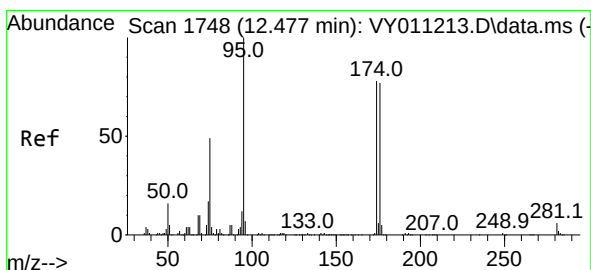
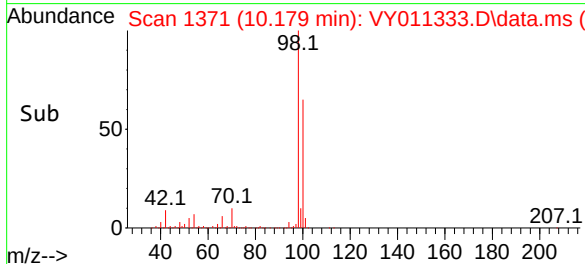
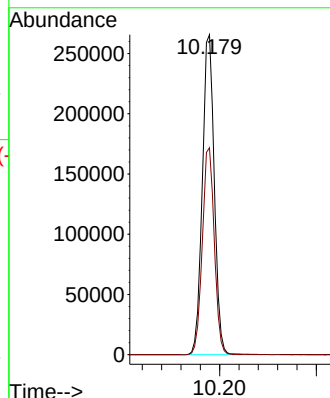
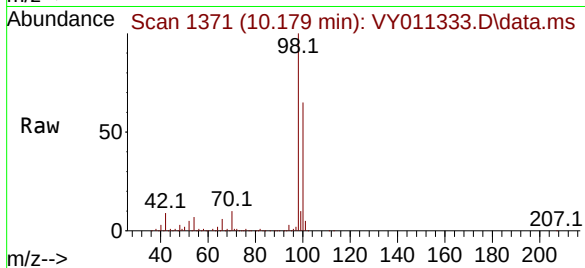
SB-32B

Tgt Ion: 98 Resp: 454634

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 52.915 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011333.D

Acq: 07 Nov 2022 14:04

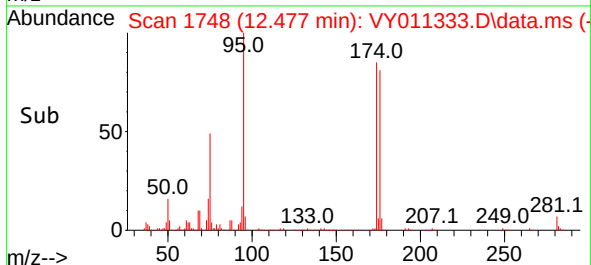
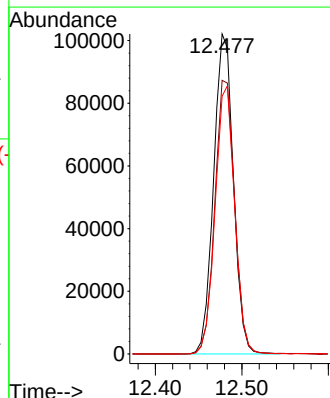
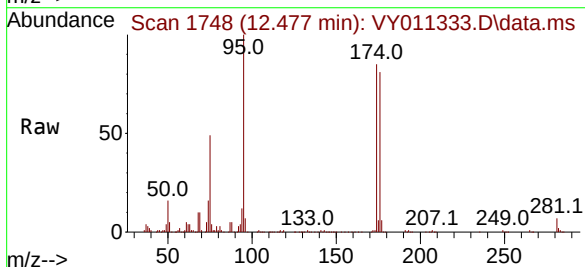
Tgt Ion: 95 Resp: 161816

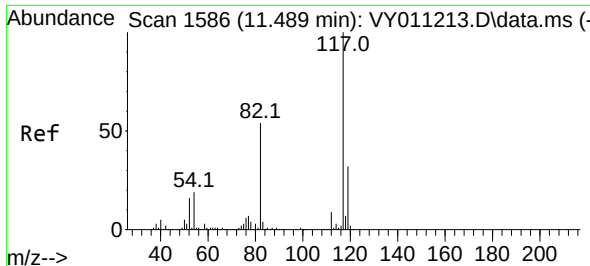
Ion Ratio Lower Upper

95 100

174 86.0 0.0 177.0

176 82.8 0.0 175.8

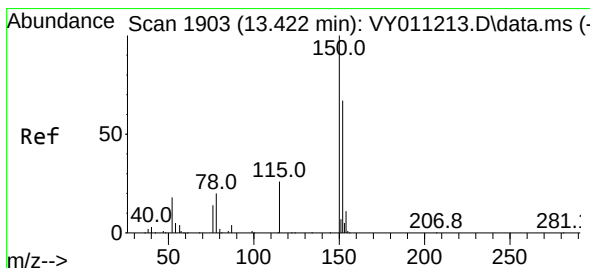
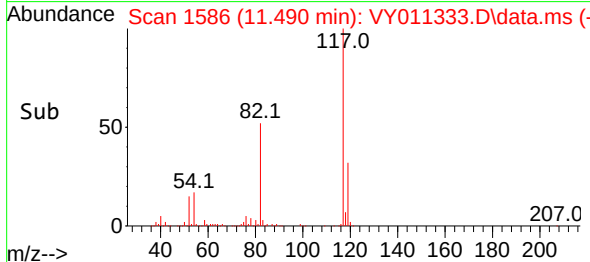
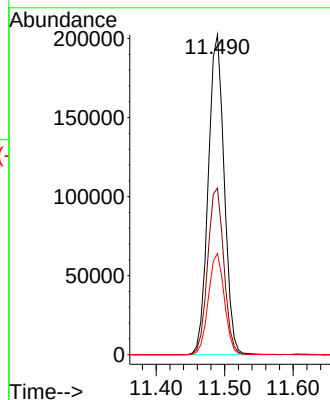
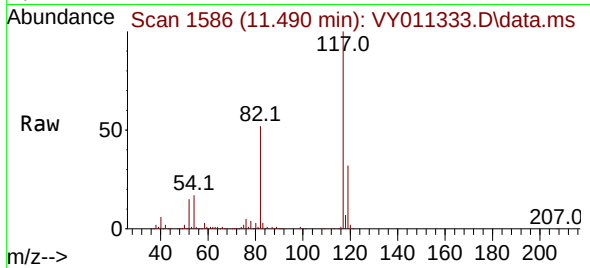




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

Tgt Ion:117 Resp: 327796
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion:152 Resp: 153498
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 156.0 0.0 347.6

