

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011334.D
 Acq On : 07 Nov 2022 14:50
 Operator : KP/MD
 Sample : N5495-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31A

Quant Time: Nov 08 03:29:25 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)

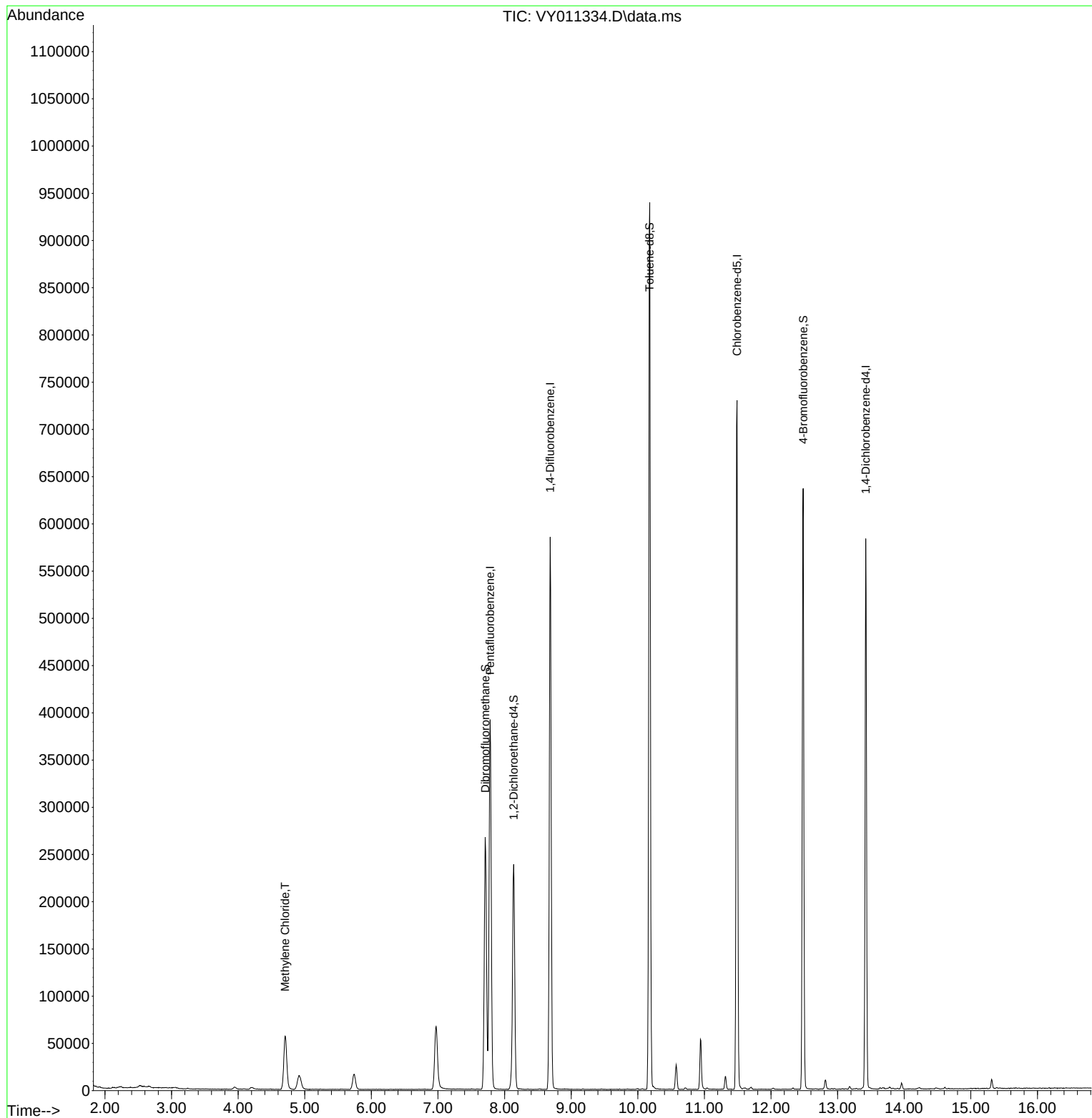
Internal Standards						
1) Pentafluorobenzene	7.783	168	315648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	512628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	421626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	180293	53.406	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.820%			
35) Dibromofluoromethane	7.710	113	190898	57.960	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.920%			
50) Toluene-d8	10.179	98	640839	50.113	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.483	95	198041	44.610	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.220%			
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	47226	7.008	ug/l	# 77

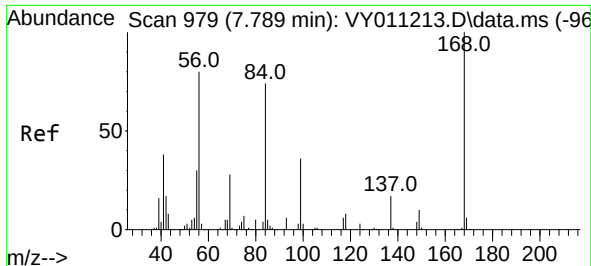
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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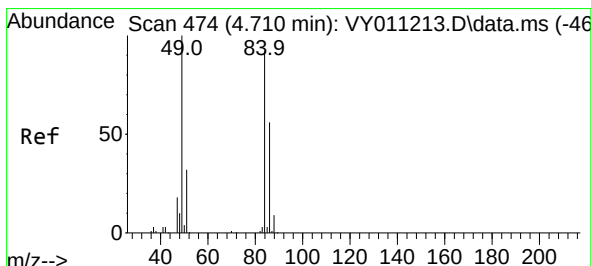
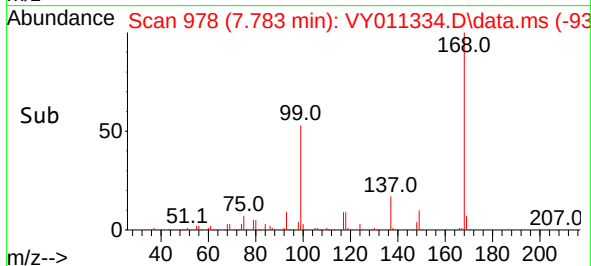
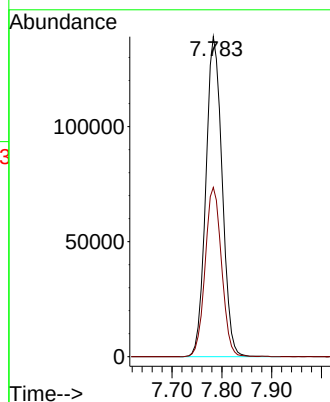
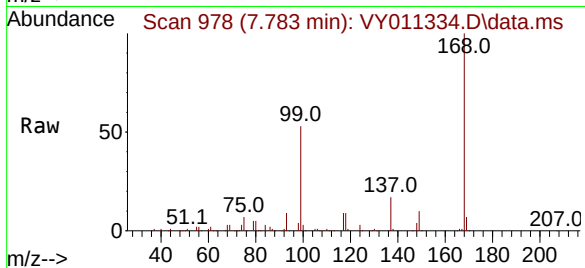




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

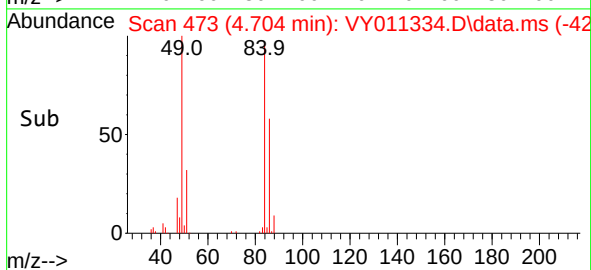
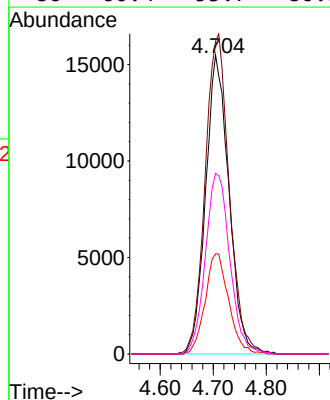
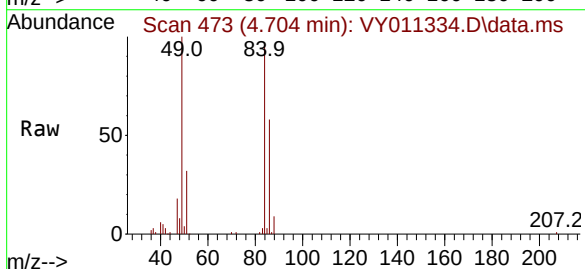
Instrument :
MSVOA_Y
ClientSampleId :
SB-31A

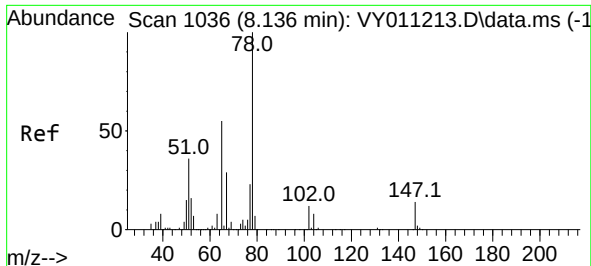
Tgt Ion:168 Resp: 315648
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#20
Methylene Chloride
Concen: 7.008 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion: 84 Resp: 47226
Ion Ratio Lower Upper
84 100
49 104.6 114.4 171.6#
51 33.5 35.3 52.9#
86 60.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 53.406 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011334.D

Acq: 07 Nov 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

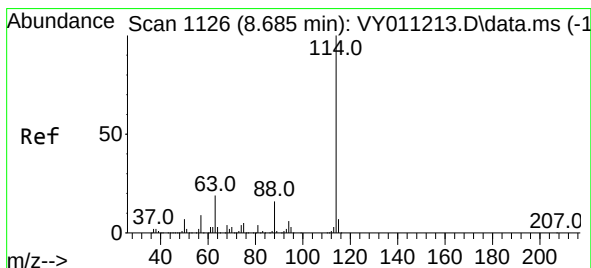
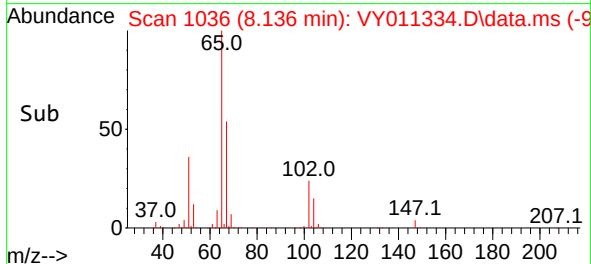
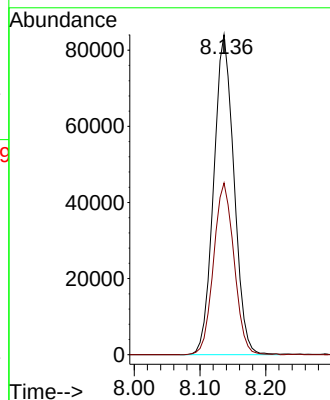
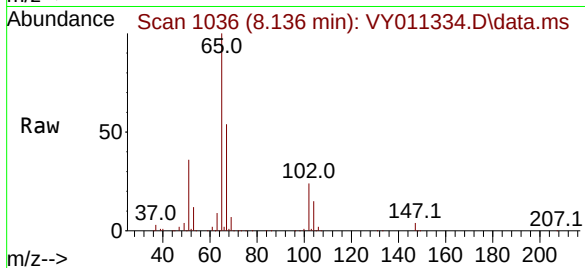
SB-31A

Tgt Ion: 65 Resp: 180293

Ion Ratio Lower Upper

65 100

67 54.2 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: VY011334.D

Acq: 07 Nov 2022 14:50

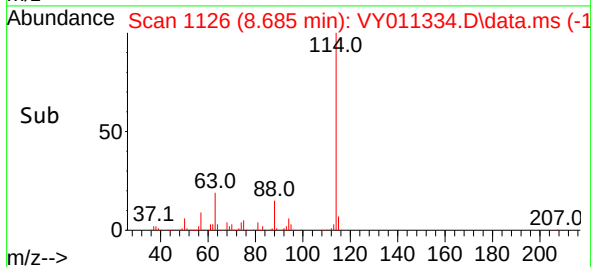
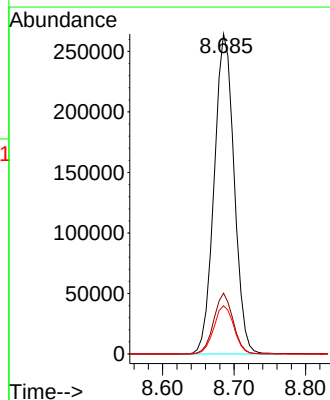
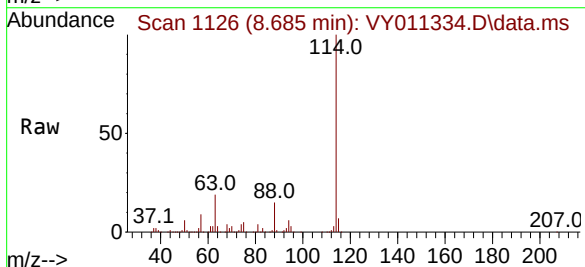
Tgt Ion: 114 Resp: 512628

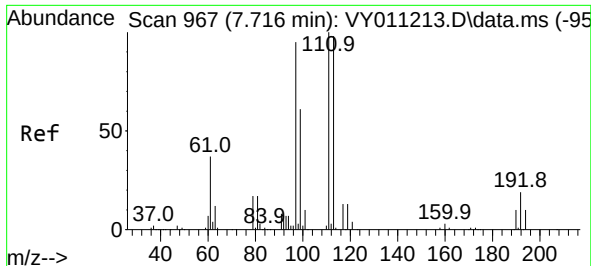
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.1 0.0 31.8

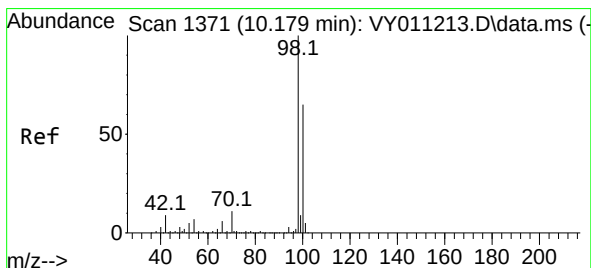
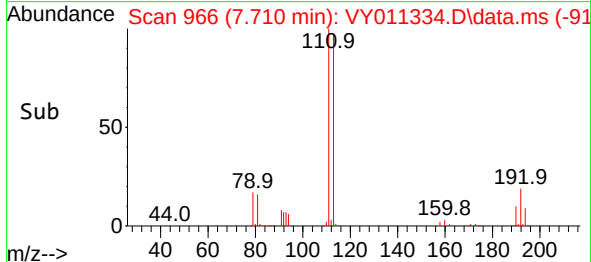
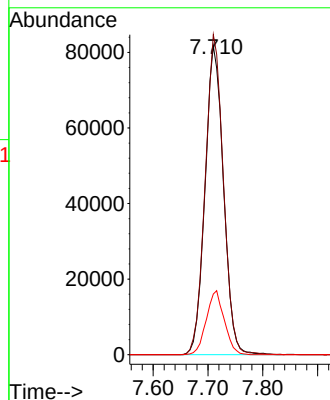
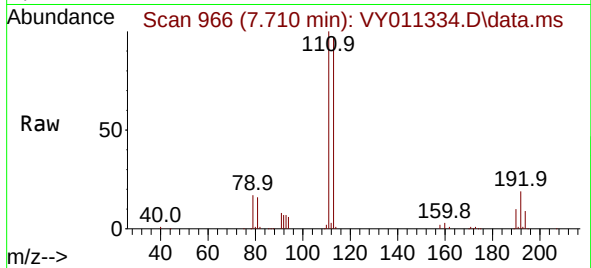




#35
Dibromofluoromethane
Concen: 57.960 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

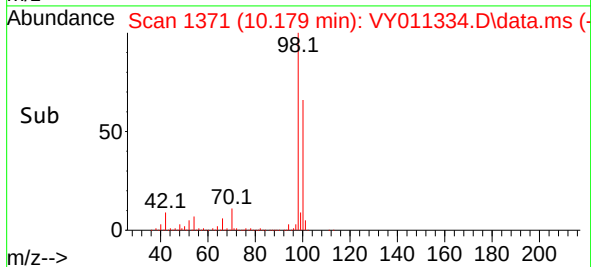
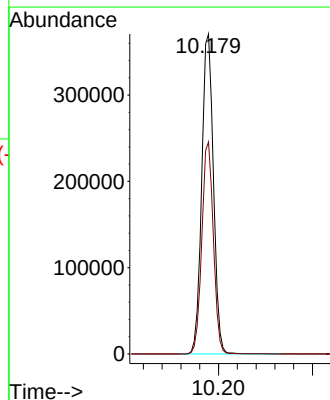
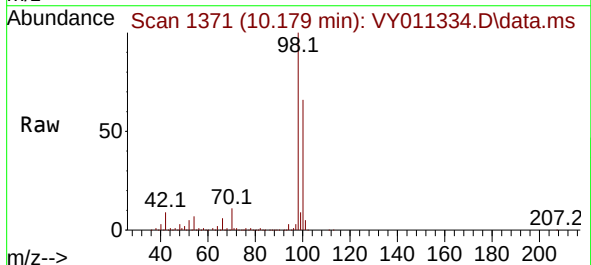
Instrument :
MSVOA_Y
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SB-31A

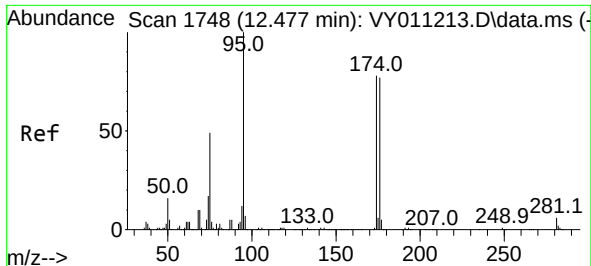
Tgt Ion:113 Resp: 190898
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.1 17.6 26.4



#50
Toluene-d8
Concen: 50.113 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion: 98 Resp: 640839
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

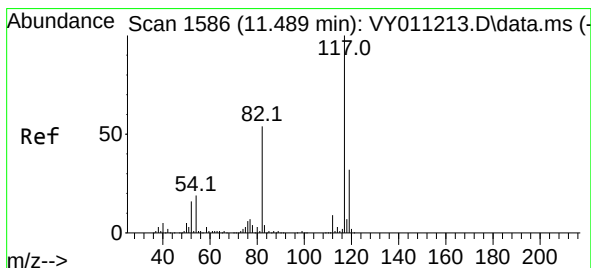
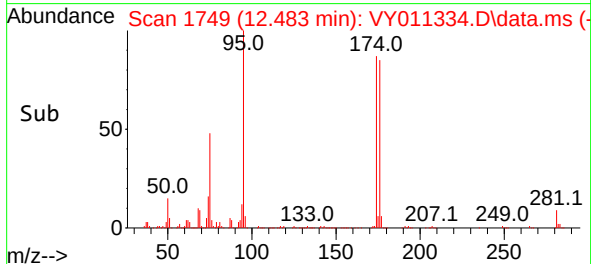
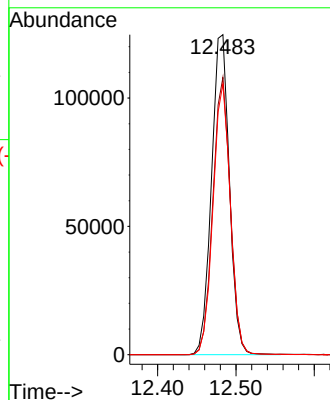
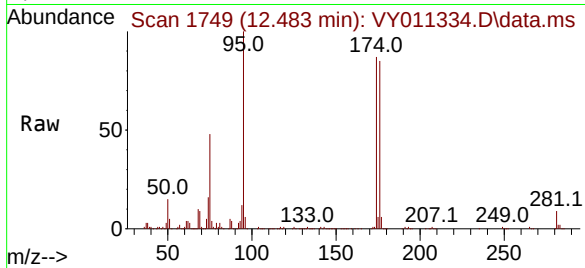




#62
4-Bromofluorobenzene
Concen: 44.610 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

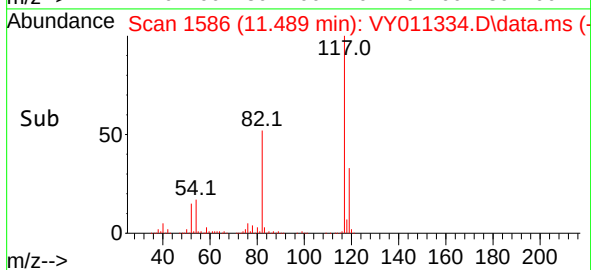
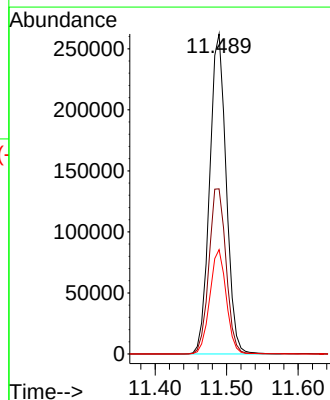
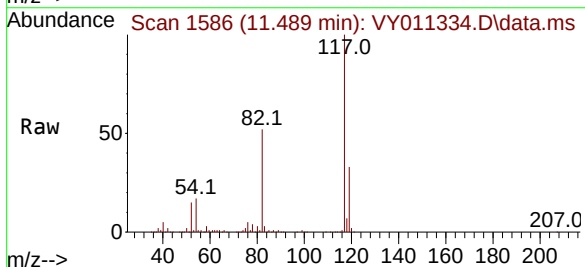
Instrument :
MSVOA_Y
ClientSampleId :
SB-31A

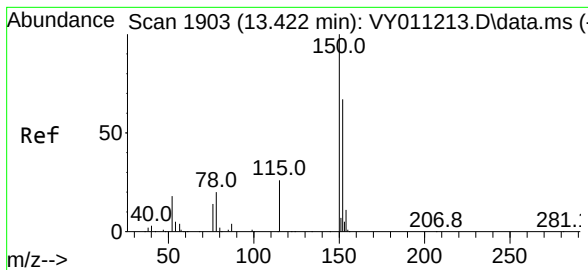
Tgt Ion: 95 Resp: 198041
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion: 117 Resp: 421626
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.6 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: VY011334.D
 Acq: 07 Nov 2022 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31A

Tgt Ion:	152	Resp:	155398
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.2	84.7
150	157.8	0.0	347.6

