

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011244.D
 Acq On : 02 Nov 2022 01:08
 Operator : KP/MD
 Sample : N5336-06
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-16.5-17.0

Quant Time: Nov 02 03:07:17 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)

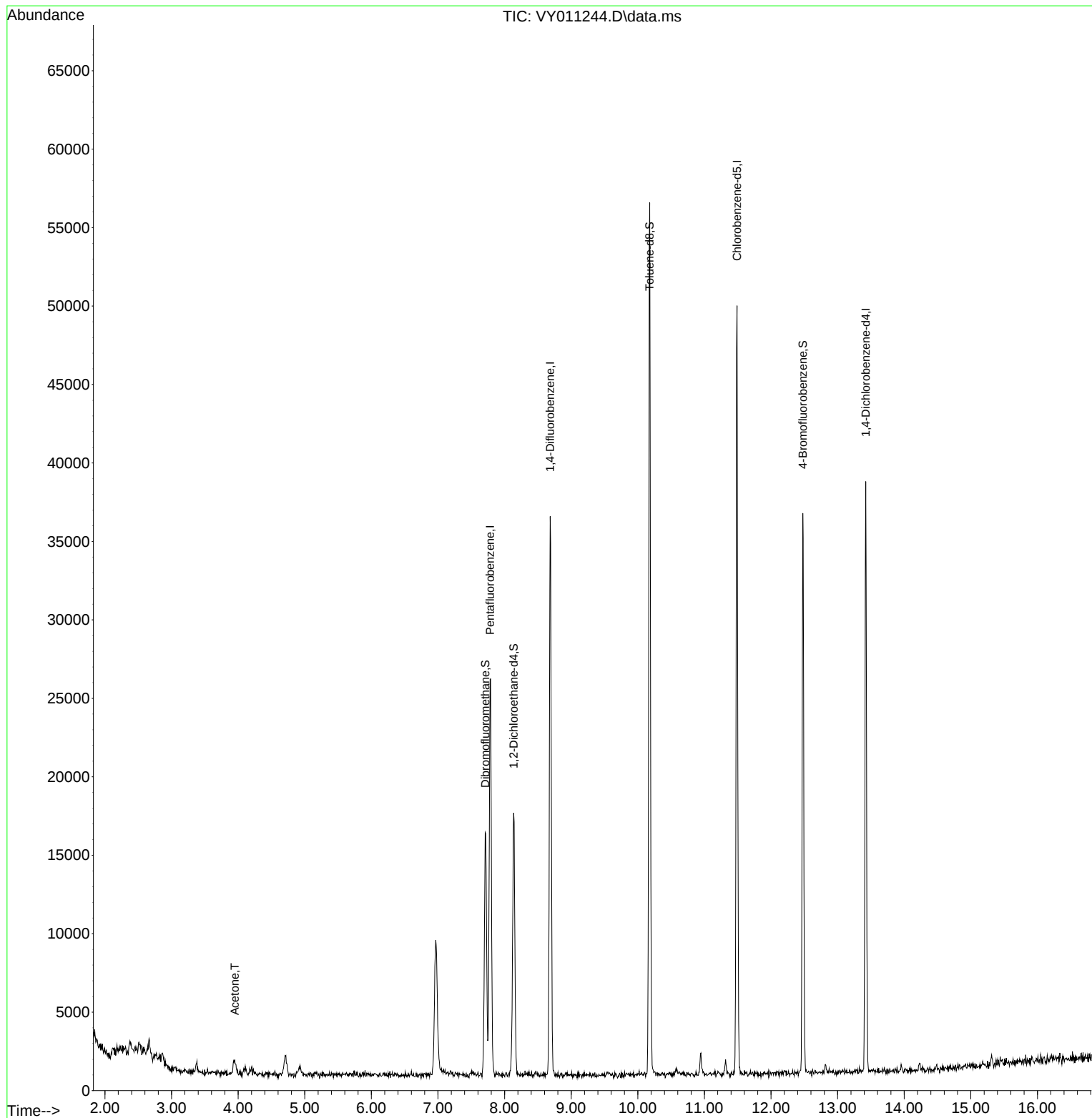
Internal Standards						
1) Pentafluorobenzene	7.783	168	20655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	31990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	28297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12930	58.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.060%
35) Dibromofluoromethane	7.710	113	11626	56.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.120%
50) Toluene-d8	10.179	98	39404	49.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.477	95	11155	40.265	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.540%
Target Compounds						
16) Acetone	3.948	43	1772	26.573	ug/l	Qvalue # 75

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

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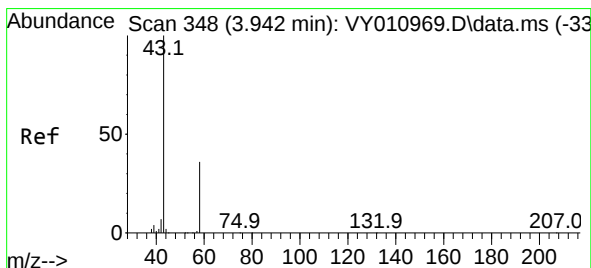
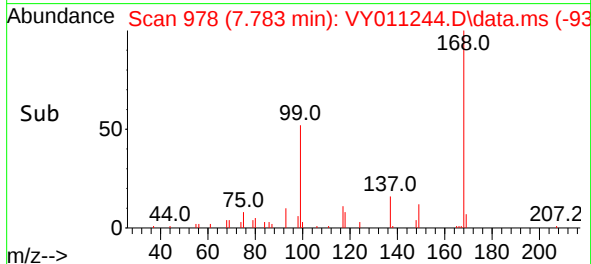
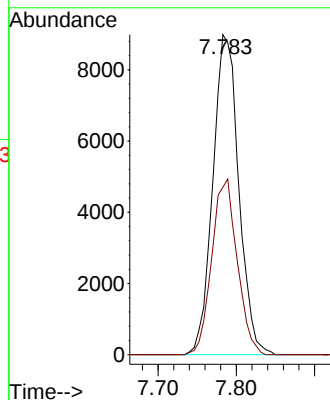
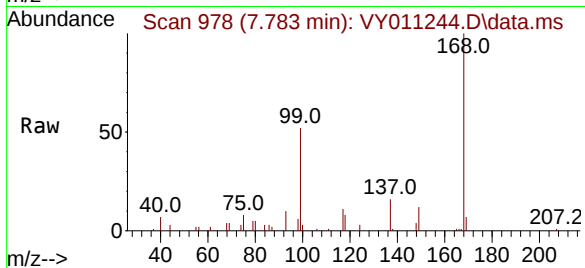




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011244.D
Acq: 02 Nov 2022 01:08

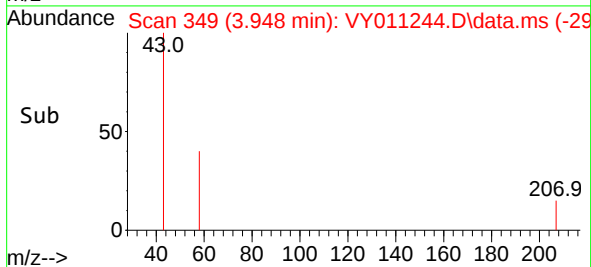
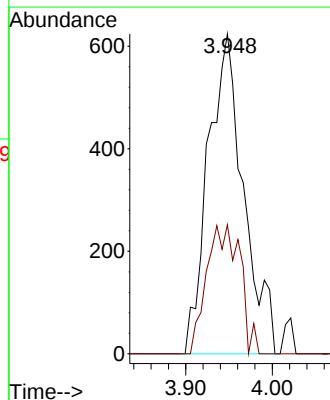
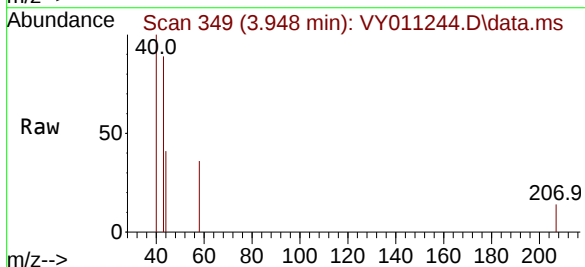
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-16.5-17.0

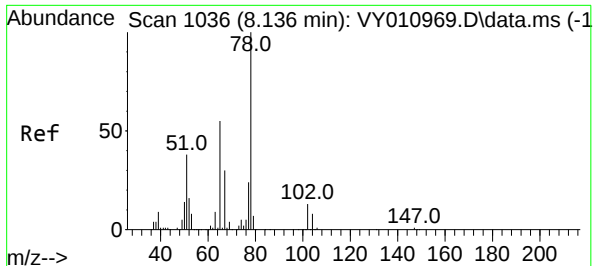
Tgt Ion:168 Resp: 20655
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#16
Acetone
Concen: 26.573 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011244.D
Acq: 02 Nov 2022 01:08

Tgt Ion: 43 Resp: 1772
Ion Ratio Lower Upper
43 100
58 40.4 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 58.532 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. 0.000 min

Lab File: VY011244.D

Acq: 02 Nov 2022 01:08

Instrument :

MSVOA_Y

ClientSampleId :

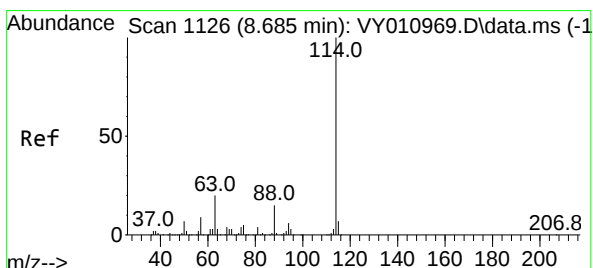
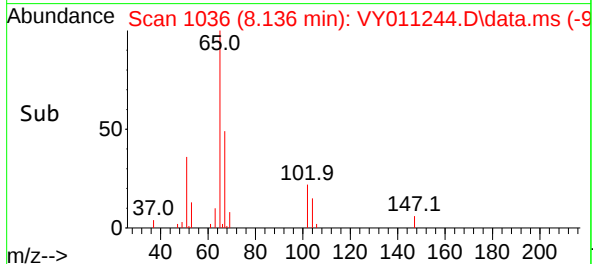
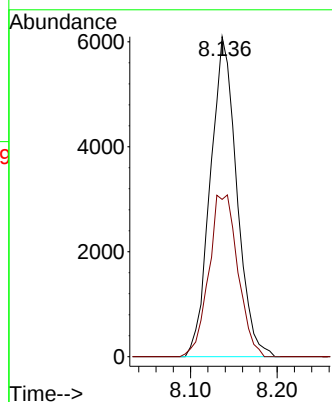
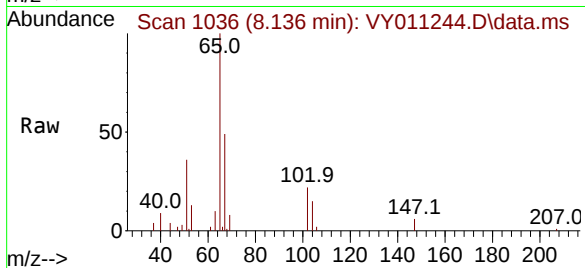
SB-02-16.5-17.0

Tgt Ion: 65 Resp: 12930

Ion Ratio Lower Upper

65 100

67 55.6 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: VY011244.D

Acq: 02 Nov 2022 01:08

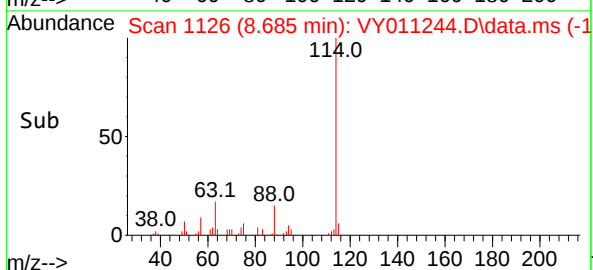
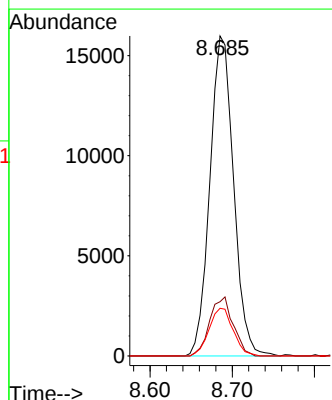
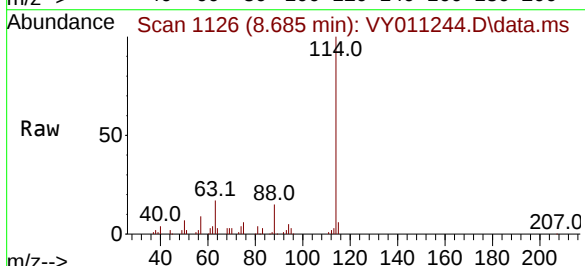
Tgt Ion: 114 Resp: 31990

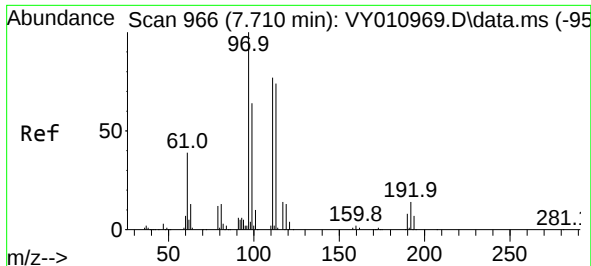
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.9 0.0 31.8

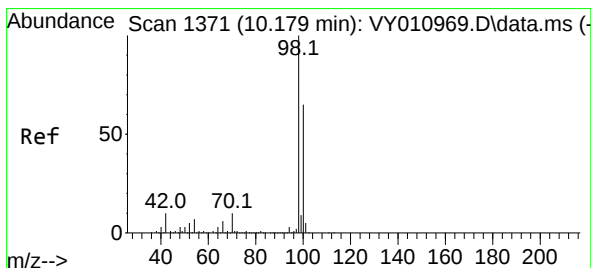
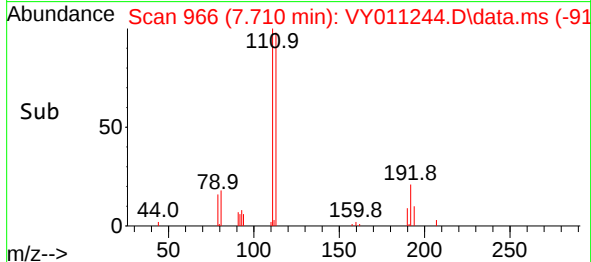
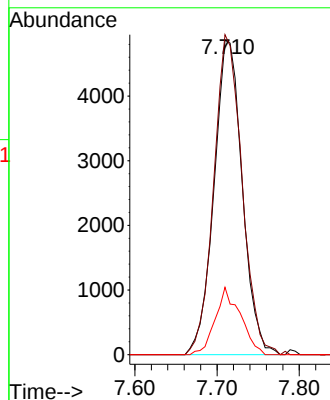
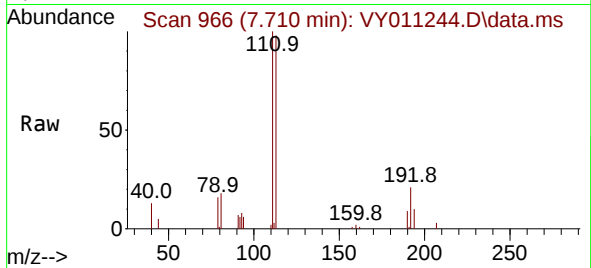




#35
Dibromofluoromethane
Concen: 56.565 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011244.D
Acq: 02 Nov 2022 01:08

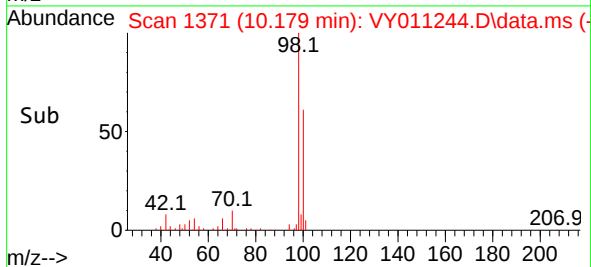
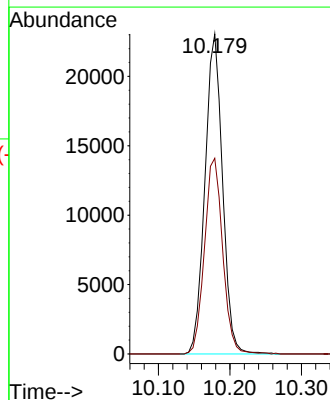
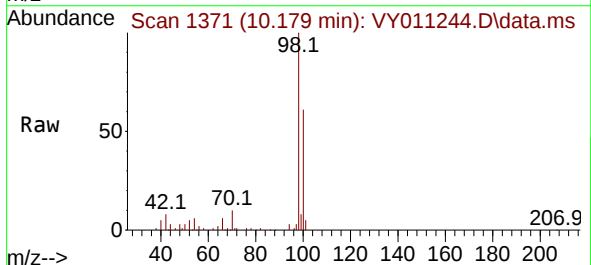
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-16.5-17.0

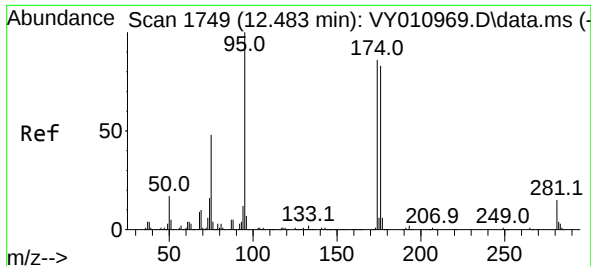
Tgt Ion:113 Resp: 11626
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 49.378 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011244.D
Acq: 02 Nov 2022 01:08

Tgt Ion: 98 Resp: 39404
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

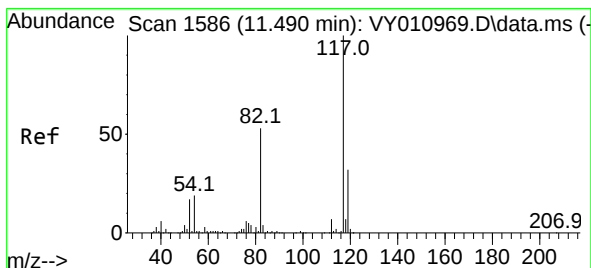
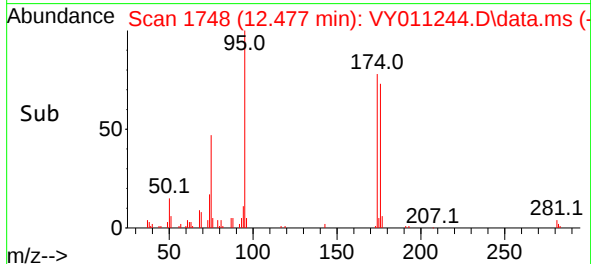
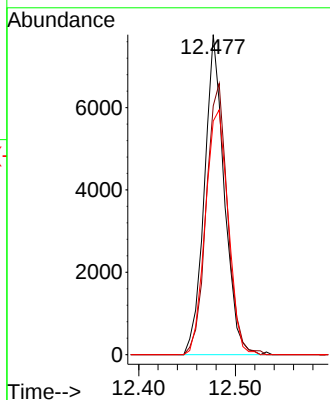
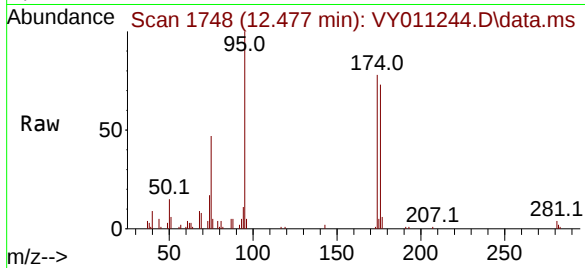




#62
4-Bromofluorobenzene
Concen: 40.265 ug/l
RT: 12.477 min Scan# 11155
Delta R.T. -0.006 min
Lab File: VY011244.D
Acq: 02 Nov 2022 01:08

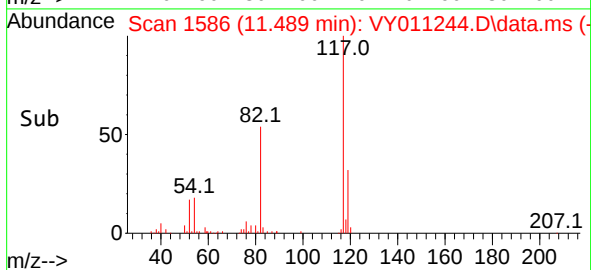
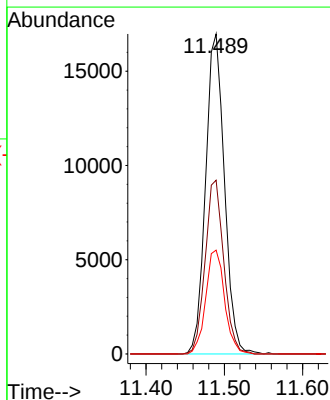
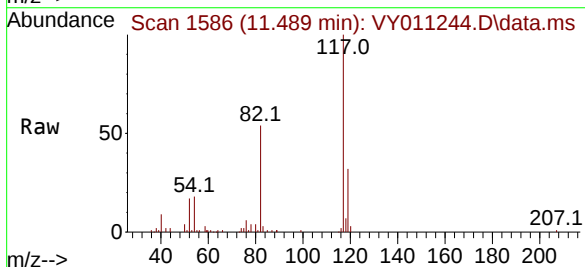
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-16.5-17.0

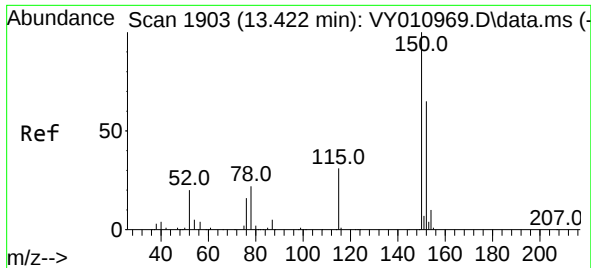
Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	177.0
176	87.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011244.D
Acq: 02 Nov 2022 01:08

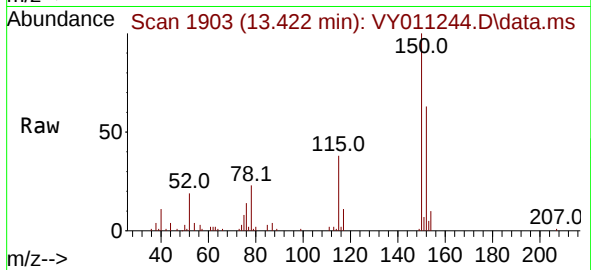
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.4
119	32.5	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011244.D
 Acq: 02 Nov 2022 01:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-16.5-17.0



Tgt Ion:	152	Resp:	10548
Ion Ratio	Lower	Upper	
152	100		
115	56.7	28.2	84.7
150	158.9	0.0	347.6

