

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019546.D
 Acq On : 13 Sep 2024 17:55
 Operator : SY/MD
 Sample : P3985-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Quant Time: Sep 13 23:35:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

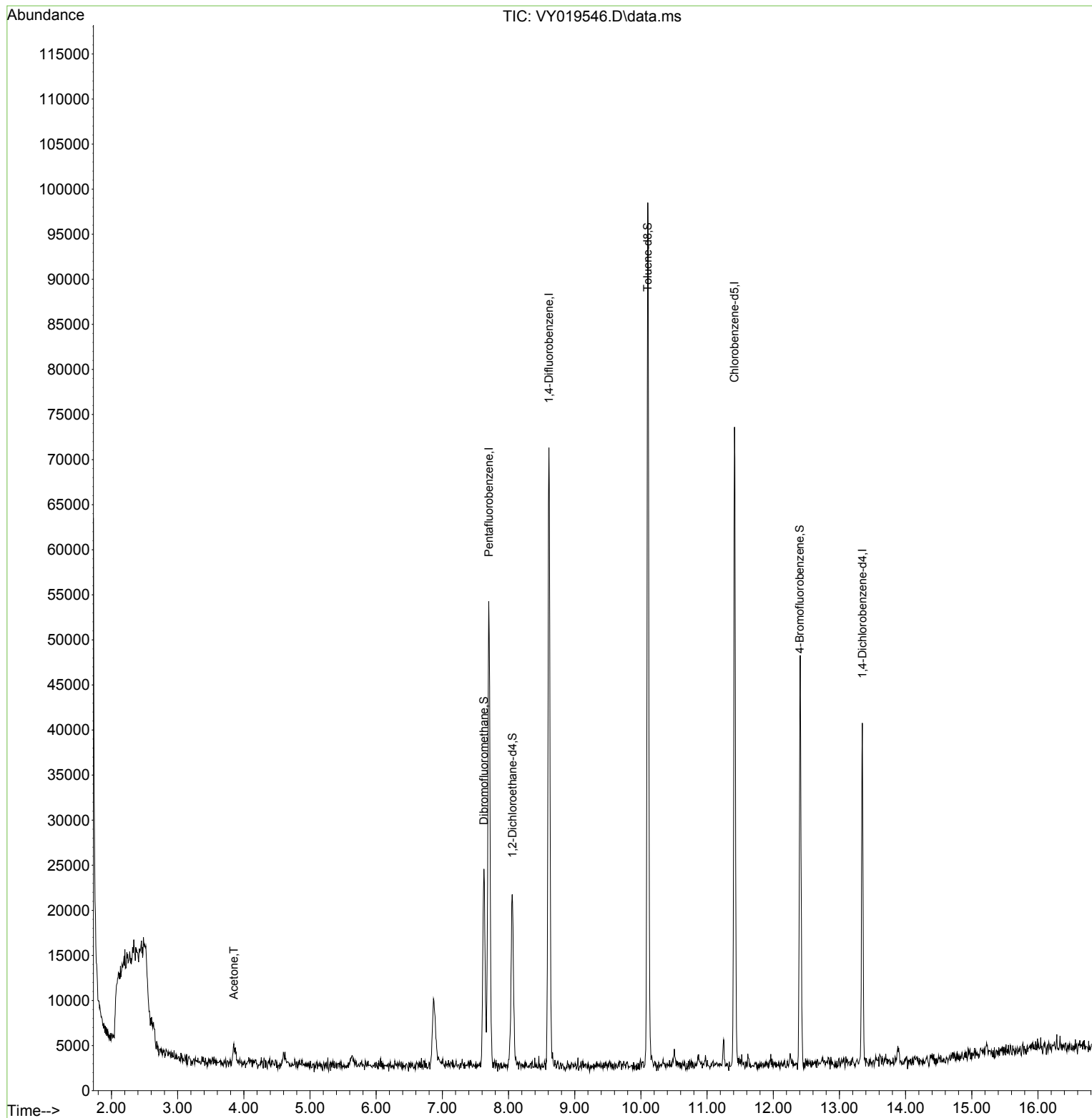
Internal Standards						
1) Pentafluorobenzene	7.701	168	37548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	58321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	37939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	8751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	14248	40.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.960%
35) Dibromofluoromethane	7.628	113	15938	48.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.400%
50) Toluene-d8	10.103	98	63001	51.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.401	95	13134	27.928	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.860%
Target Compounds						
16) Acetone	3.848	43	3819	46.106	ug/l	# 85

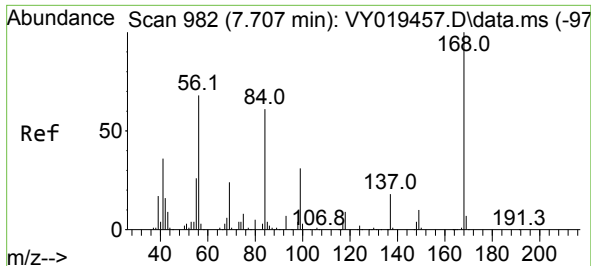
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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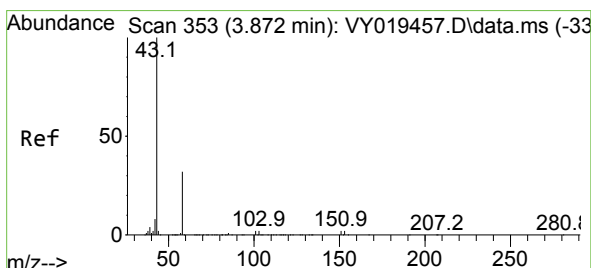
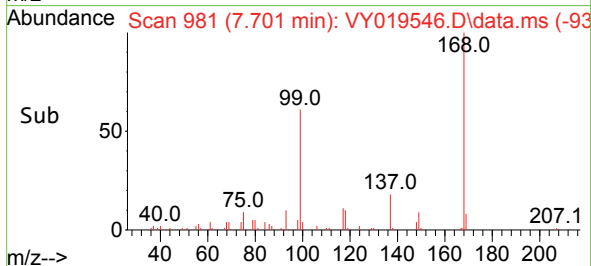
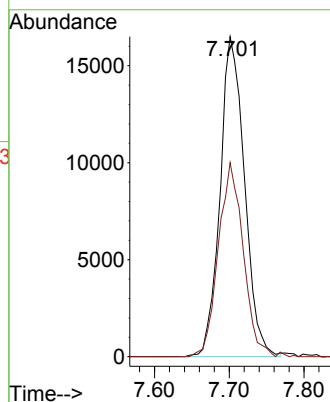
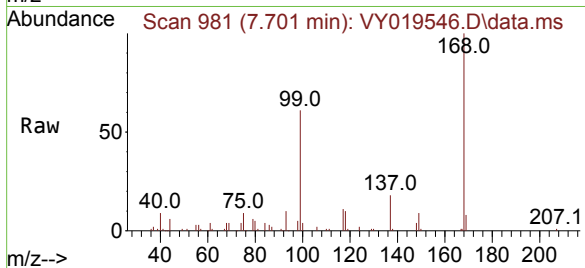




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019546.D
Acq: 13 Sep 2024 17:55

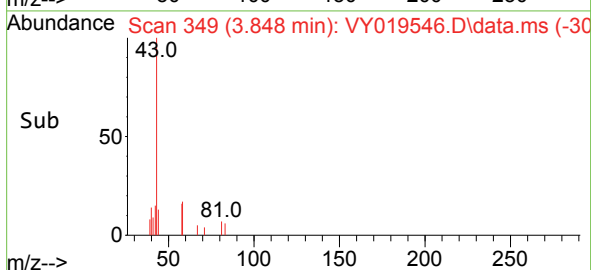
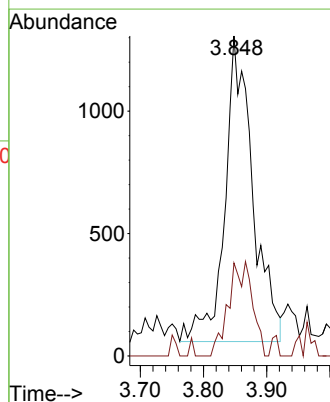
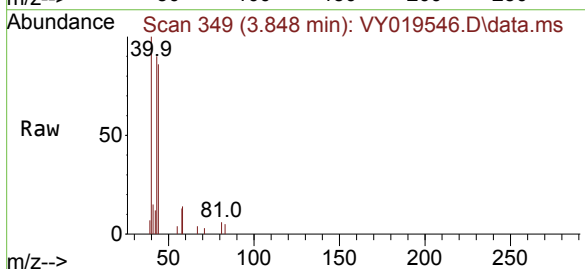
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

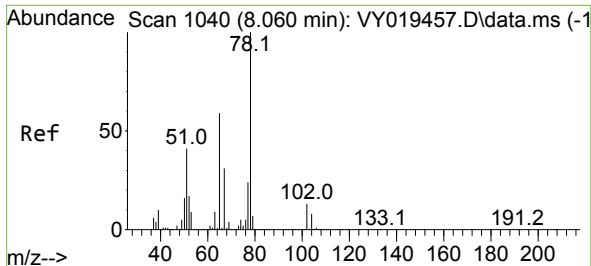
Tgt Ion:168 Resp: 37548
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#16
Acetone
Concen: 46.106 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.024 min
Lab File: VY019546.D
Acq: 13 Sep 2024 17:55

Tgt Ion: 43 Resp: 3819
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 40.980 ug/l

RT: 8.061 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019546.D

Acq: 13 Sep 2024 17:55

Instrument :

MSVOA_Y

ClientSampleId :

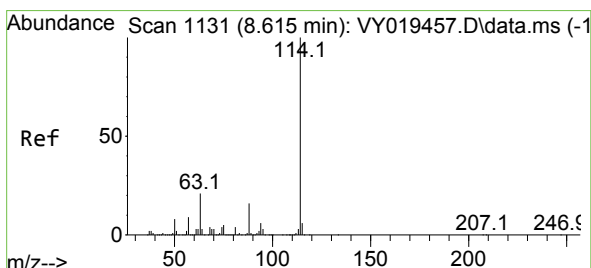
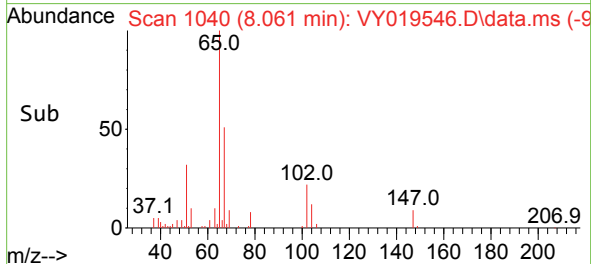
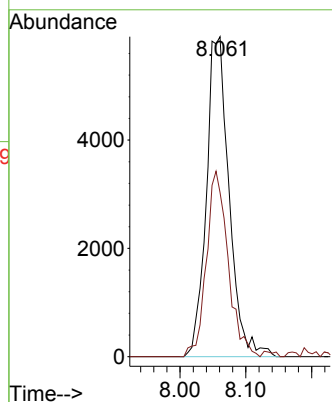
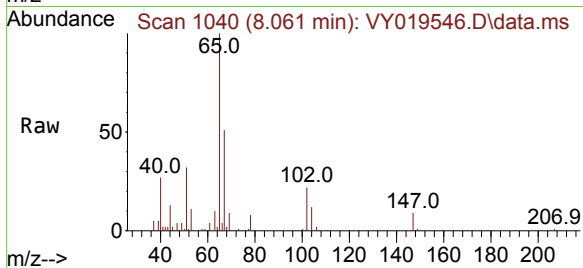
TP-7

Tgt Ion: 65 Resp: 14248

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019546.D

Acq: 13 Sep 2024 17:55

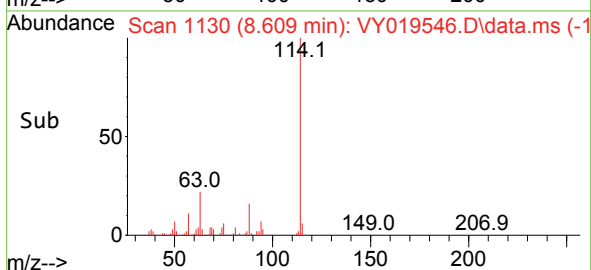
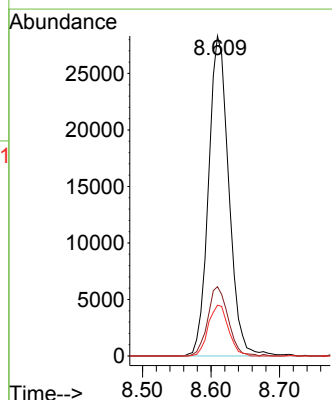
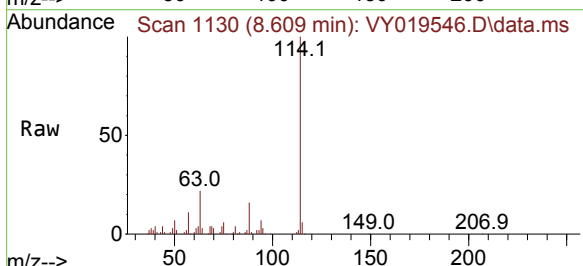
Tgt Ion: 114 Resp: 58321

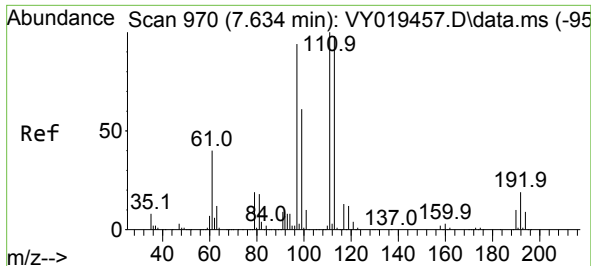
Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 15.9 0.0 27.2

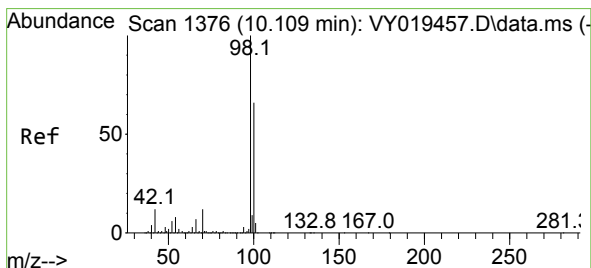
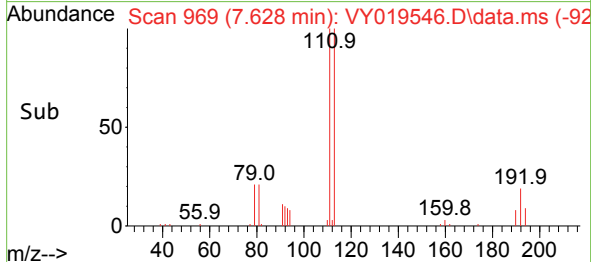
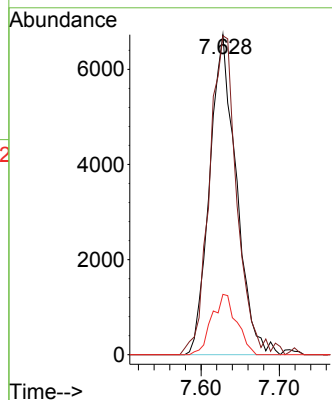
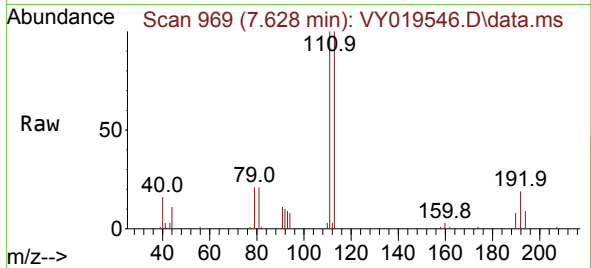




#35
Dibromofluoromethane
Concen: 48.199 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019546.D
Acq: 13 Sep 2024 17:55

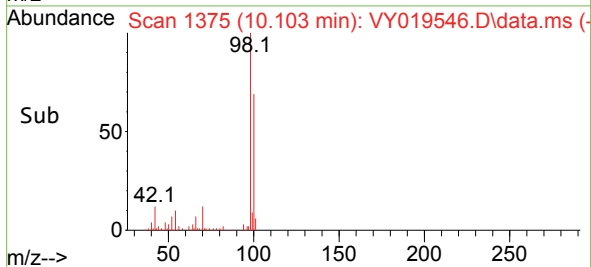
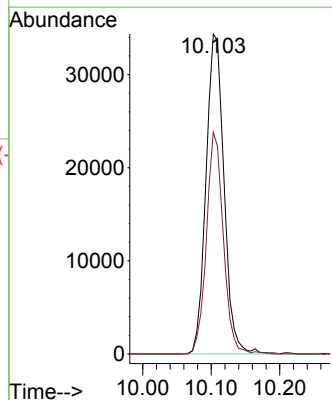
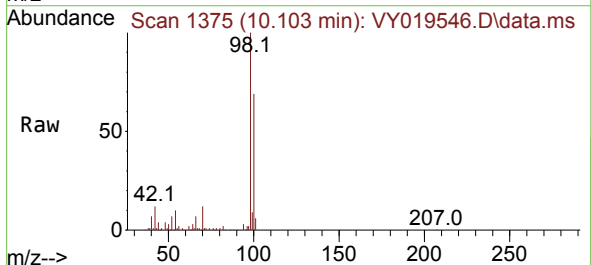
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

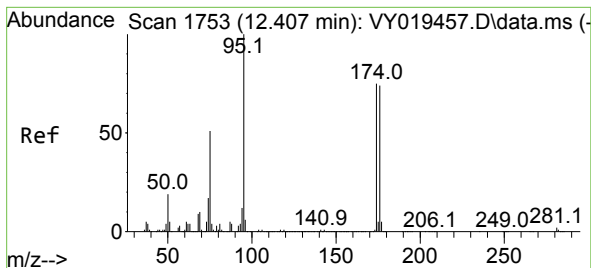
Tgt Ion:113 Resp: 15938
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.6 15.9 23.9



#50
Toluene-d8
Concen: 51.511 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019546.D
Acq: 13 Sep 2024 17:55

Tgt Ion: 98 Resp: 63001
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

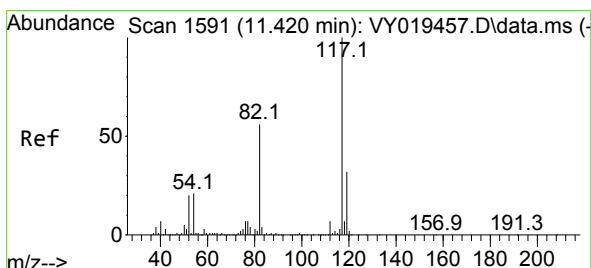
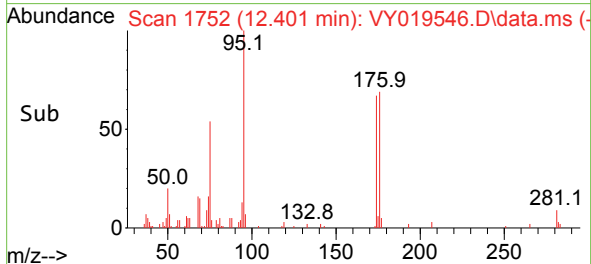
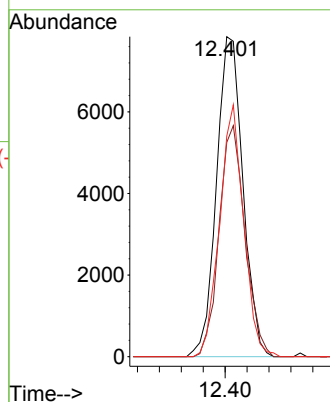
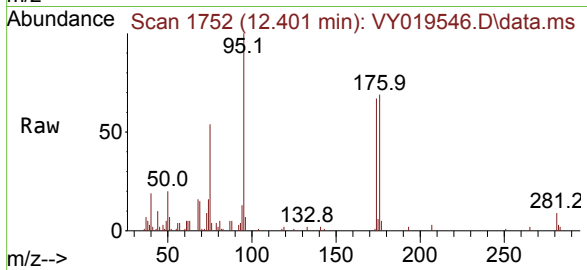




#62
4-Bromofluorobenzene
Concen: 27.928 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019546.D
Acq: 13 Sep 2024 17:55

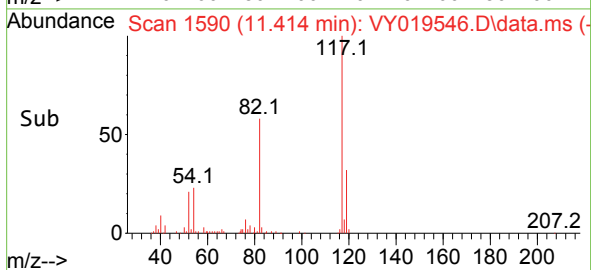
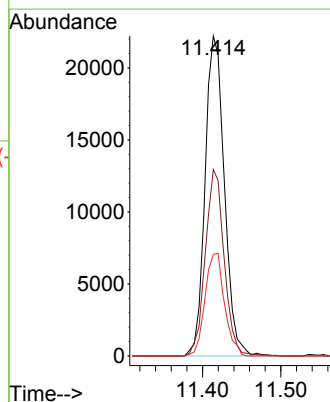
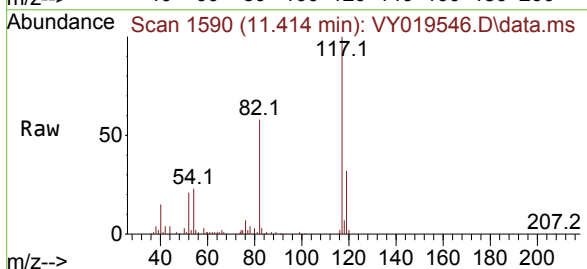
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

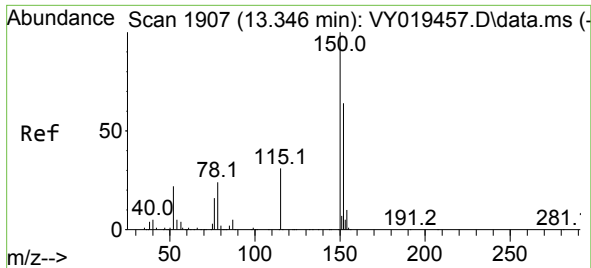
Tgt Ion: 95 Resp: 13134
Ion Ratio Lower Upper
95 100
174 70.5 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019546.D
Acq: 13 Sep 2024 17:55

Tgt Ion: 117 Resp: 37939
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019546.D
 Acq: 13 Sep 2024 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	28.2	84.7
150	151.6	0.0	345.6

