

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015042.D
 Acq On : 10 Aug 2023 20:57
 Operator : SY/MD
 Sample : 03955-16
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-27

Quant Time: Aug 11 01:58:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

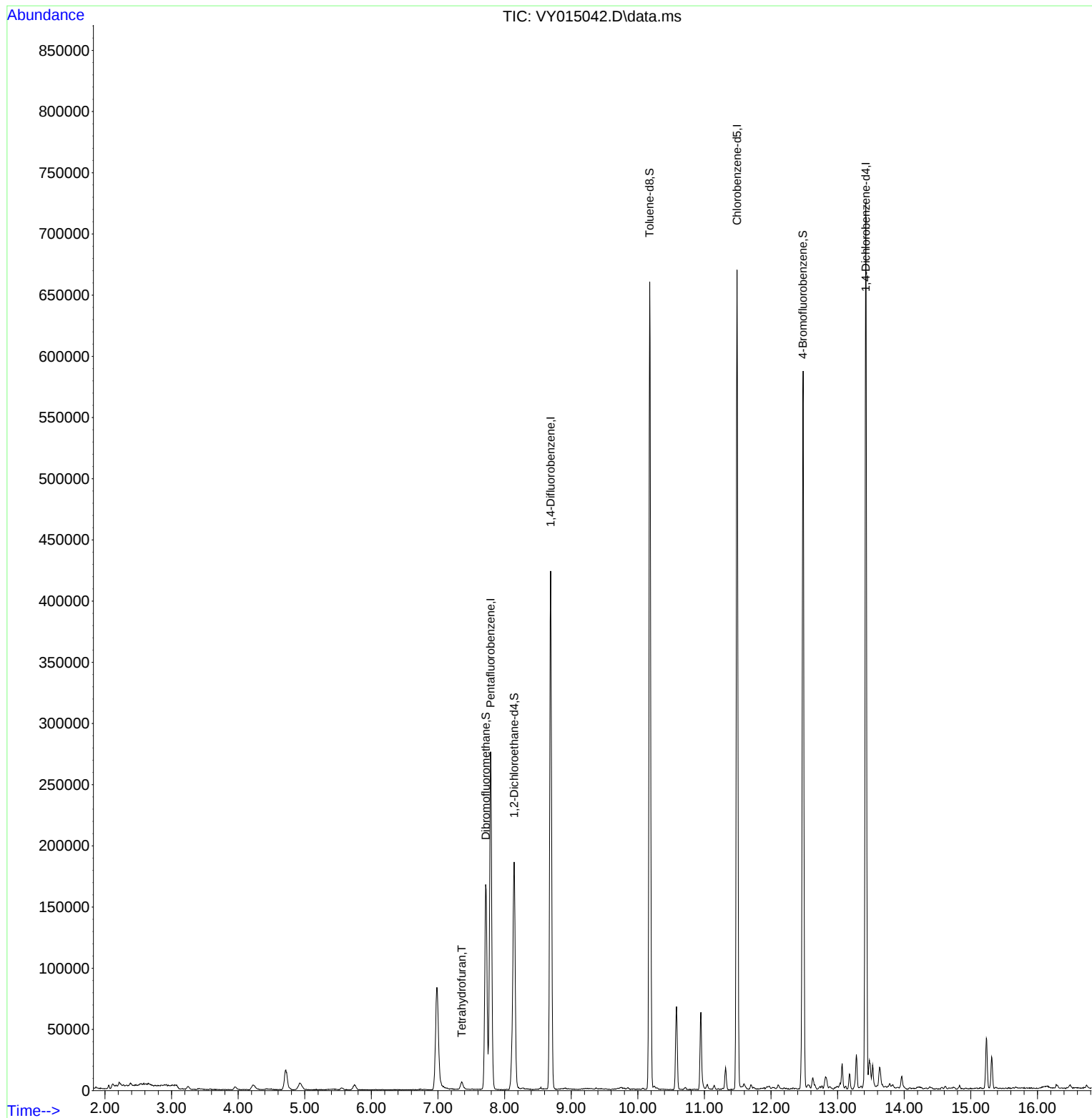
Internal Standards						
1) Pentafluorobenzene	7.789	168	216233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	366459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	137882	52.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.220%	
35) Dibromofluoromethane	7.716	113	117740	50.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.480%	
50) Toluene-d8	10.179	98	435274	48.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.600%	
62) 4-Bromofluorobenzene	12.477	95	171733	54.324	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.640%	
Target Compounds						
29) Tetrahydrofuran	7.356	42	4498	6.553	ug/l	Qvalue # 87

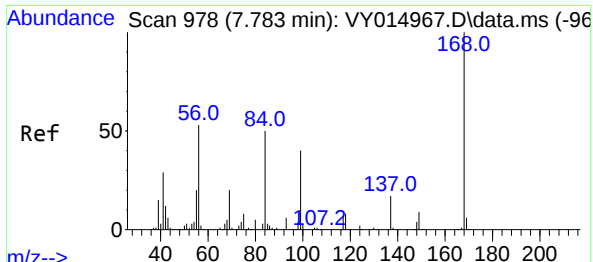
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015042.D
Acq On : 10 Aug 2023 20:57
Operator : SY/MD
Sample : 03955-16
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-27

Quant Time: Aug 11 01:58:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

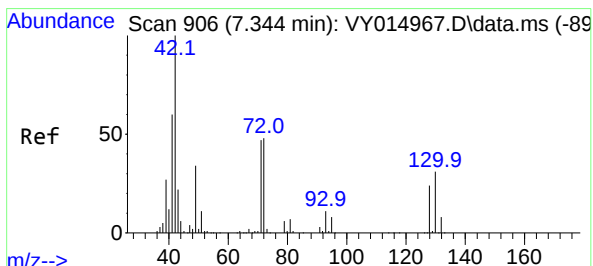
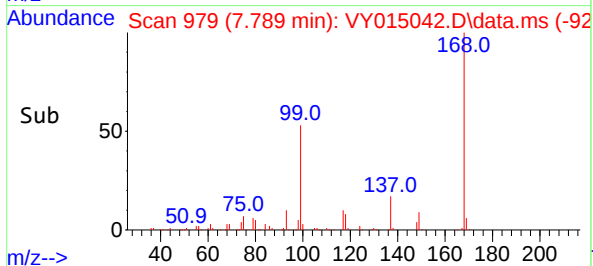
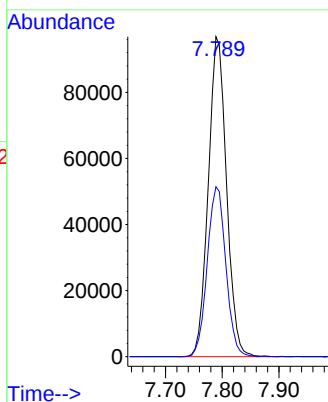
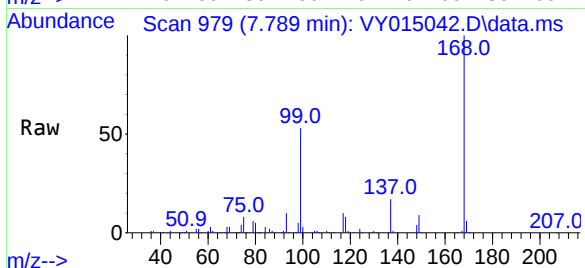




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015042.D
Acq: 10 Aug 2023 20:57

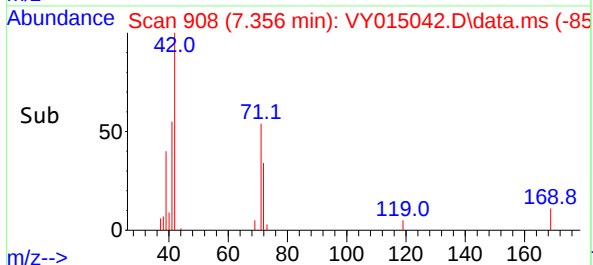
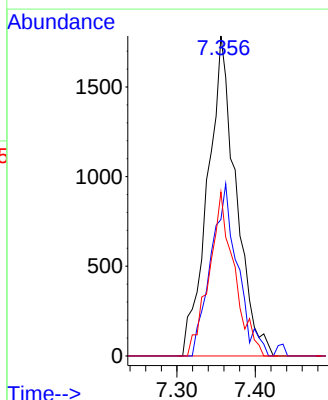
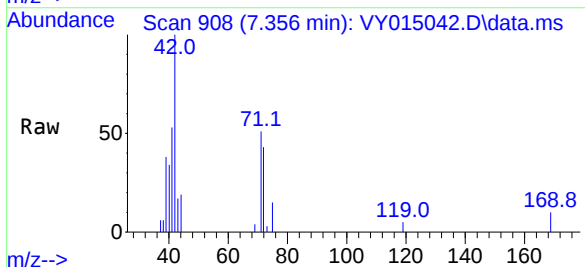
Instrument :
MSVOA_Y
ClientSampleId :
WC-27

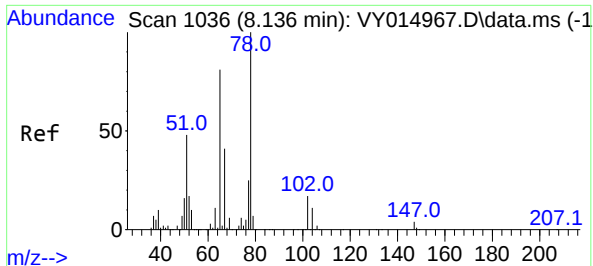
Tgt Ion:168 Resp: 216233
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.553 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY015042.D
Acq: 10 Aug 2023 20:57

Tgt Ion: 42 Resp: 4498
Ion Ratio Lower Upper
42 100
72 50.3 32.8 49.2#
71 45.2 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 52.610 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015042.D

Acq: 10 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

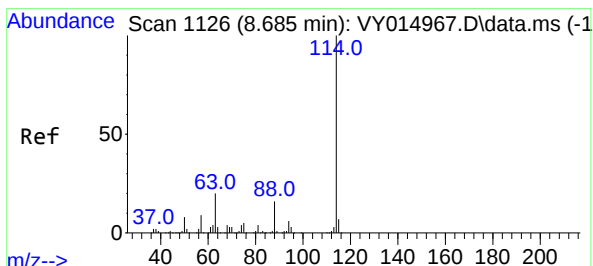
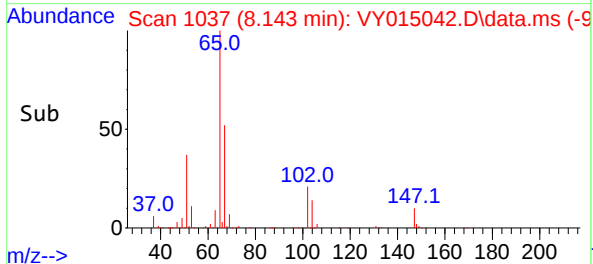
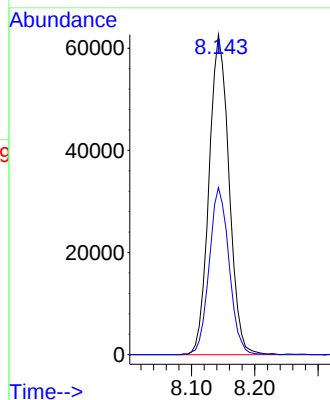
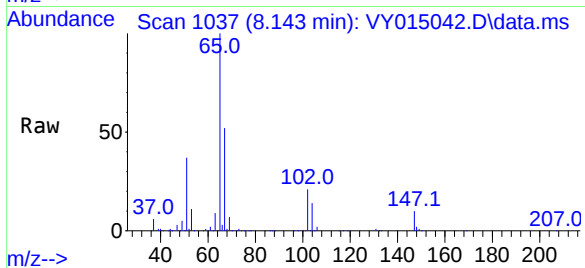
WC-27

Tgt Ion: 65 Resp: 137882

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015042.D

Acq: 10 Aug 2023 20:57

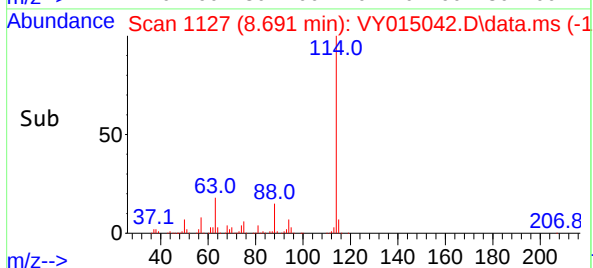
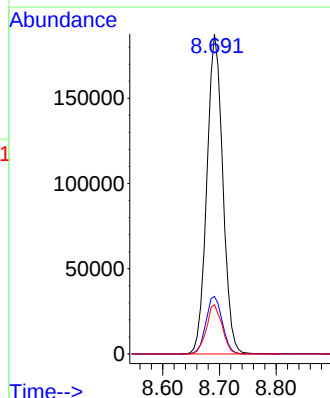
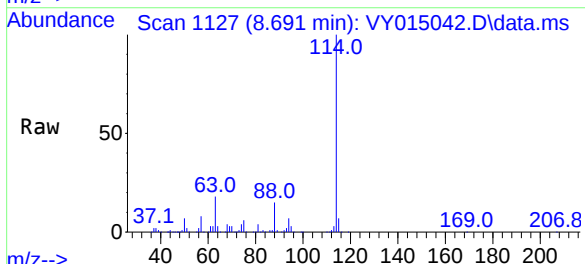
Tgt Ion: 114 Resp: 366459

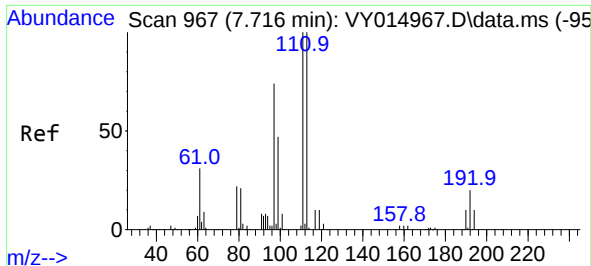
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 15.4 0.0 30.6

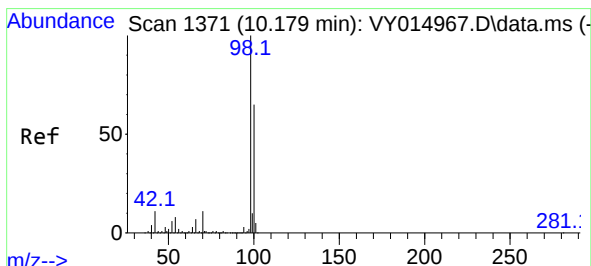
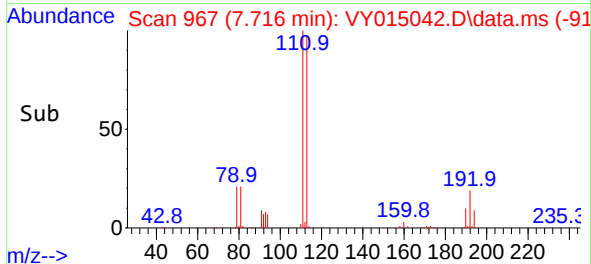
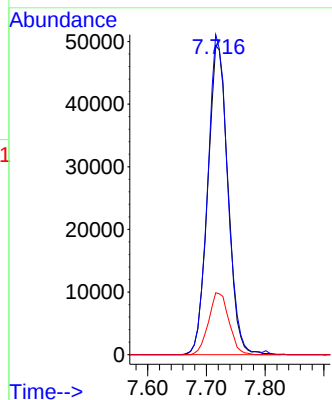
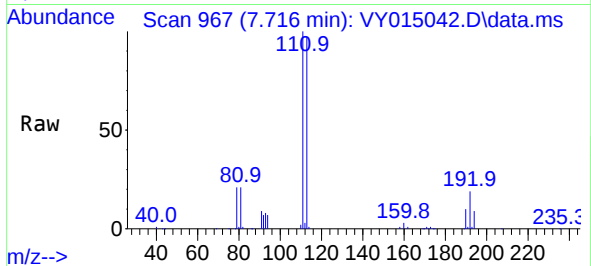




#35
Dibromofluoromethane
Concen: 50.243 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015042.D
Acq: 10 Aug 2023 20:57

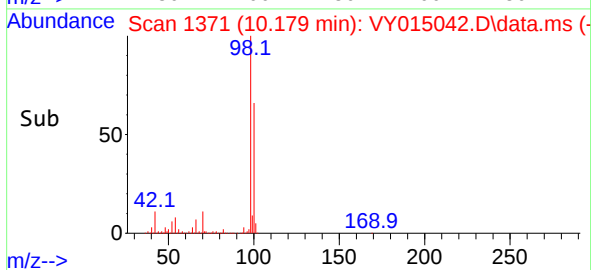
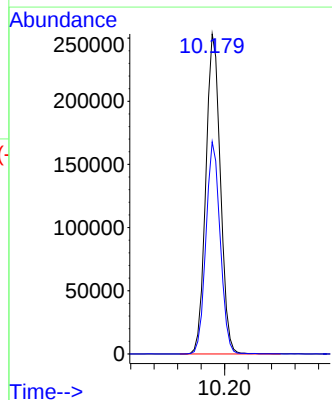
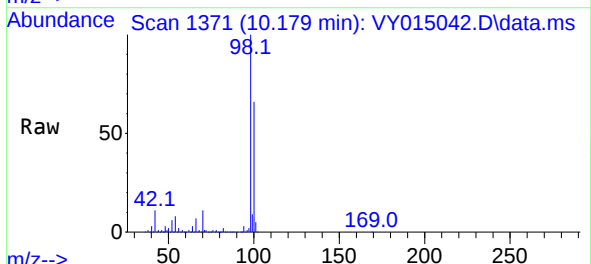
Instrument :
MSVOA_Y
ClientSampleId :
WC-27

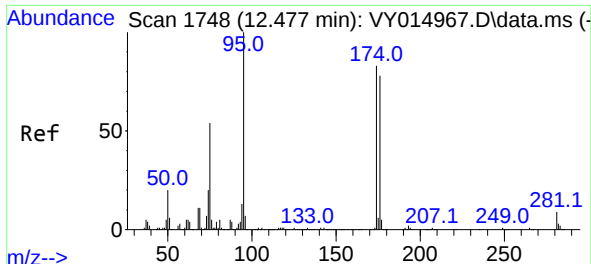
Tgt Ion:113 Resp: 117740
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 48.800 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015042.D
Acq: 10 Aug 2023 20:57

Tgt Ion: 98 Resp: 435274
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

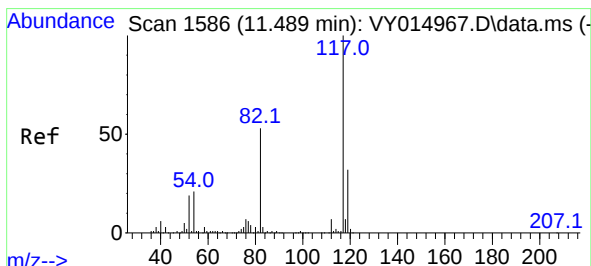
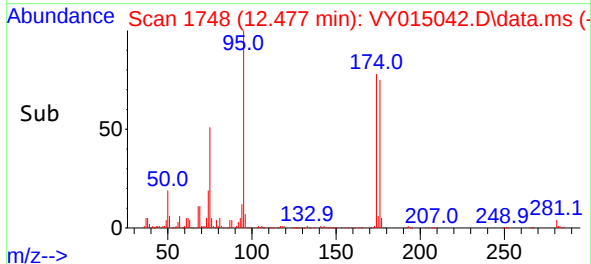
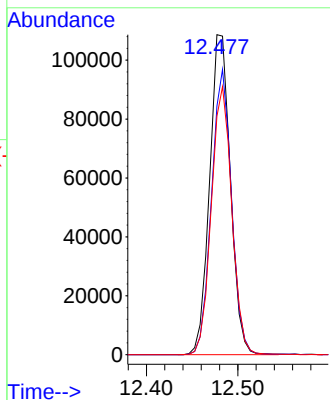
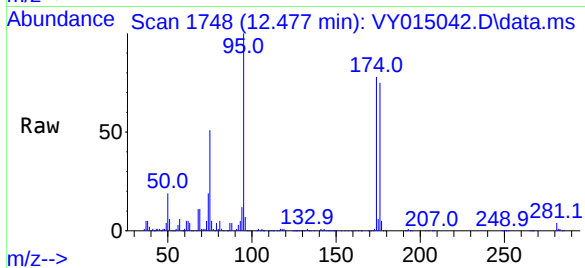




#62
4-Bromofluorobenzene
Concen: 54.324 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015042.D
Acq: 10 Aug 2023 20:57

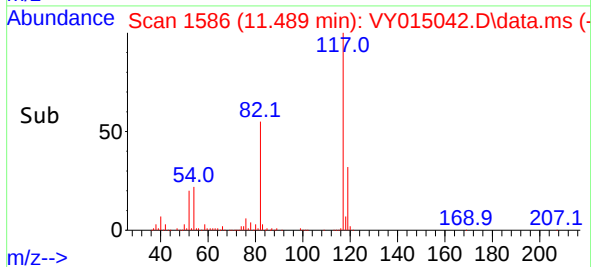
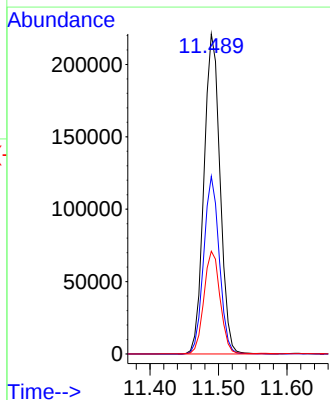
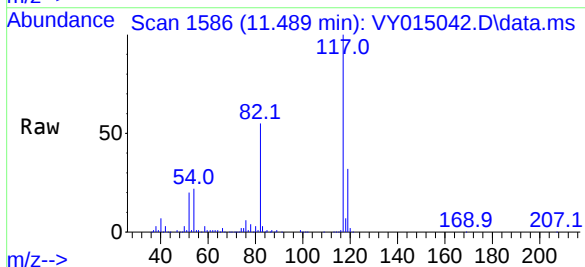
Instrument :
MSVOA_Y
ClientSampleId :
WC-27

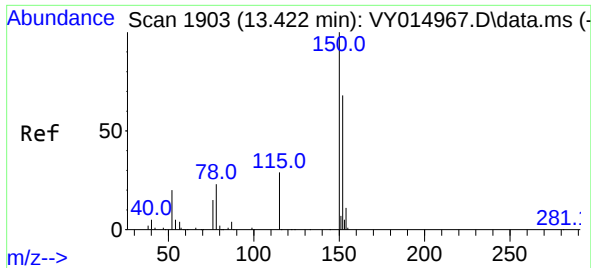
Tgt Ion: 95 Resp: 171733
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015042.D
Acq: 10 Aug 2023 20:57

Tgt Ion: 117 Resp: 361142
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015042.D
 Acq: 10 Aug 2023 20:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-27

Tgt Ion:152 Resp: 185728
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.8 86.5
 150 157.4 0.0 348.8

