

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015967.D
 Acq On : 13 Oct 2023 19:00
 Operator : SY/MD
 Sample : 04876-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 30104

Quant Time: Oct 14 01:51:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

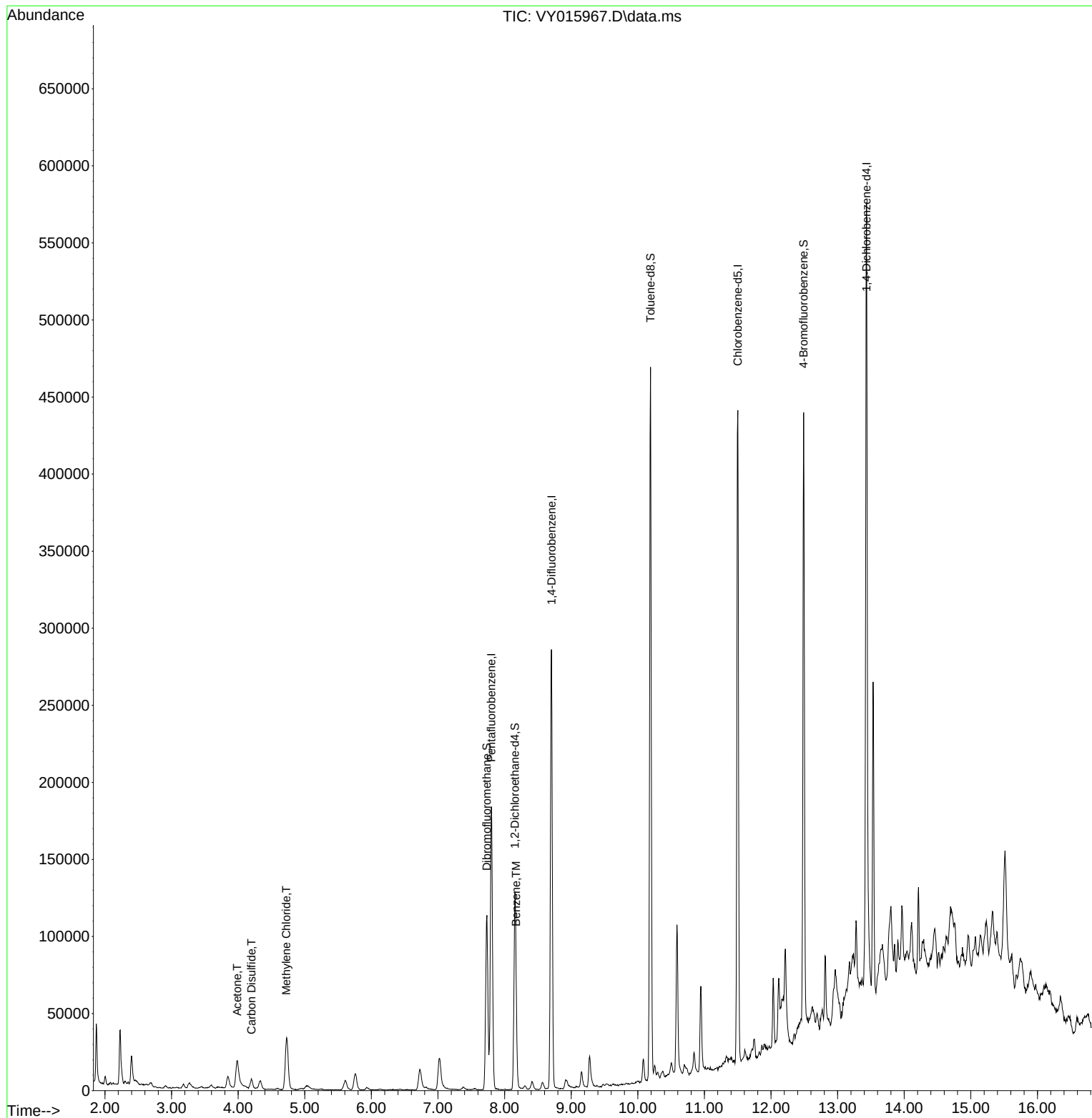
Internal Standards						
1) Pentafluorobenzene	7.801	168	142664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	245394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	244098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	122759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	94731	58.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.360%
35) Dibromofluoromethane	7.734	113	81283	52.614	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.220%
50) Toluene-d8	10.191	98	302228	52.239	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.489	95	114264	55.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.920%
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	40113	42.412	ug/l #	89
17) Carbon Disulfide	4.198	76	12583	2.967	ug/l	97
20) Methylene Chloride	4.722	84	26693	11.592	ug/l #	89
40) Benzene	8.173	78	16966	2.516	ug/l	97

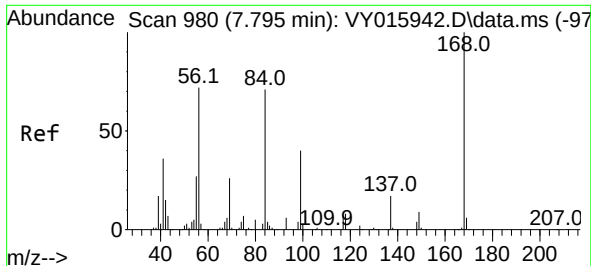
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
Data File : VY015967.D
Acq On : 13 Oct 2023 19:00
Operator : SY/MD
Sample : 04876-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
30104

Quant Time: Oct 14 01:51:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

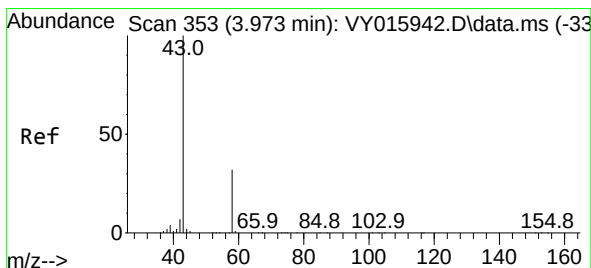
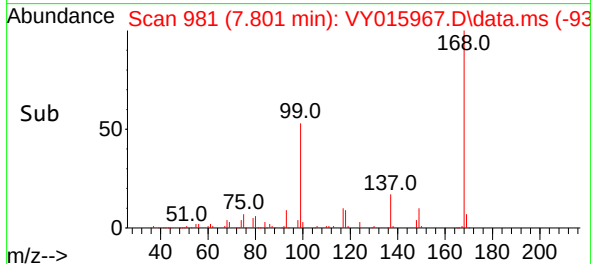
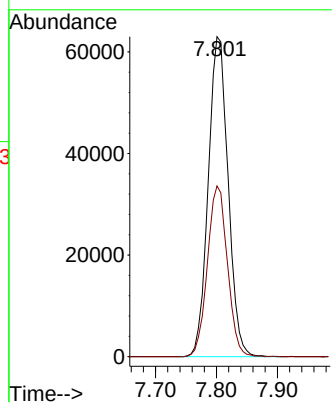
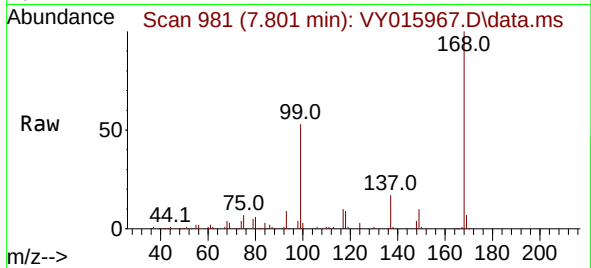




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

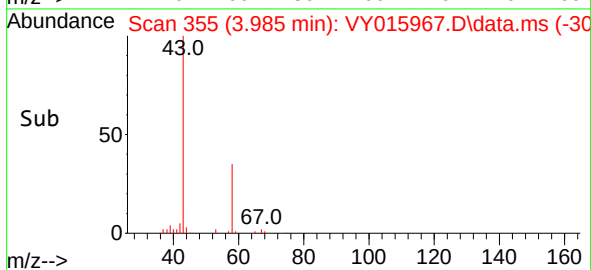
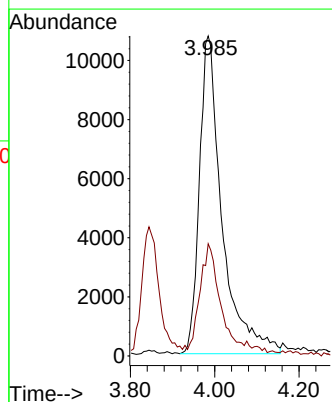
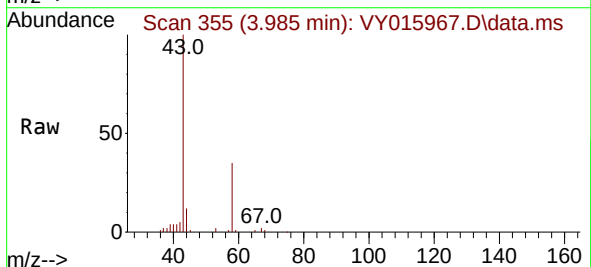
Instrument :
MSVOA_Y
ClientSampleId :
30104

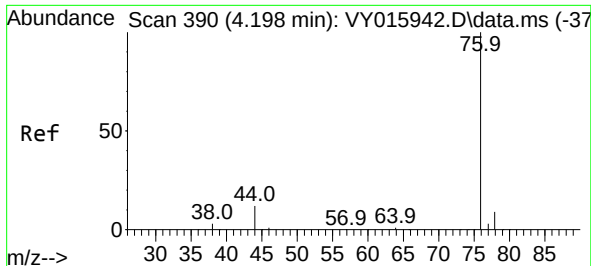
Tgt Ion:168 Resp: 142664
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 42.412 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

Tgt Ion: 43 Resp: 40113
Ion Ratio Lower Upper
43 100
58 34.2 22.7 34.1#

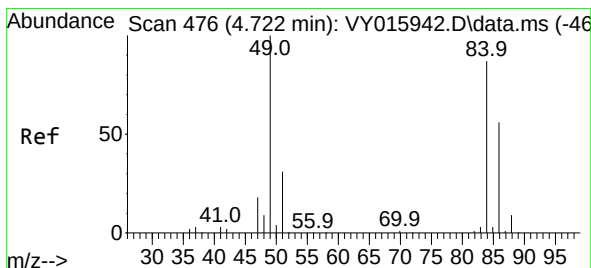
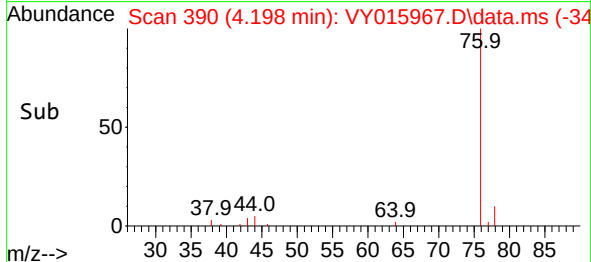
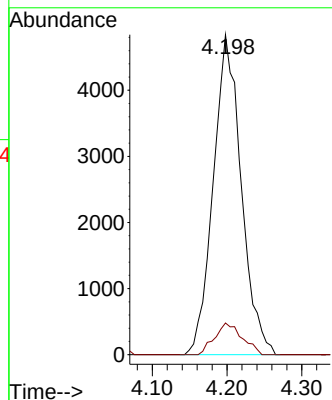
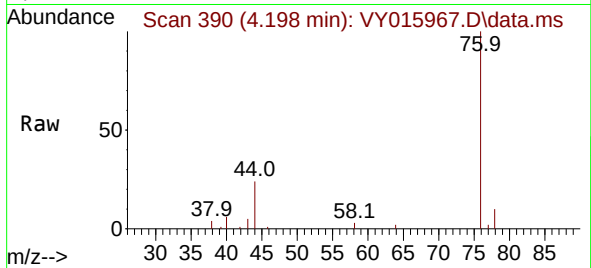




#17
Carbon Disulfide
Concen: 2.967 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

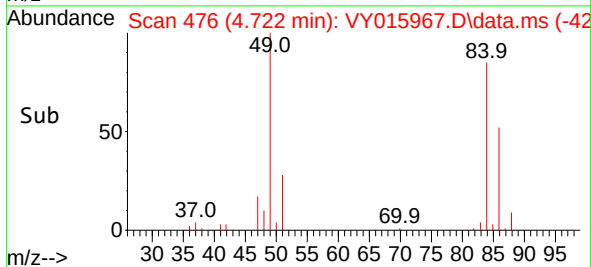
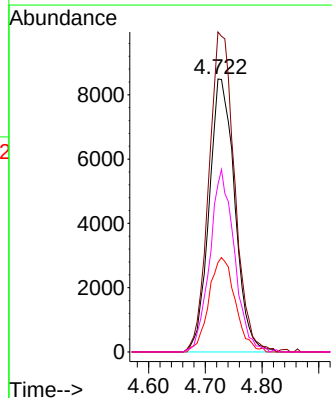
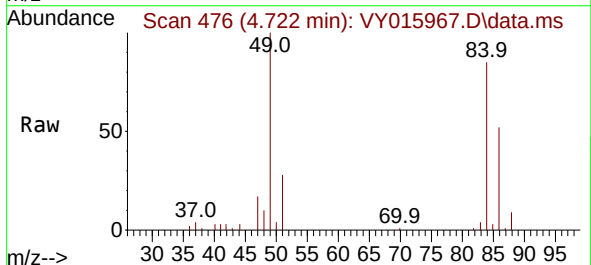
Instrument :
MSVOA_Y
ClientSampleId :
30104

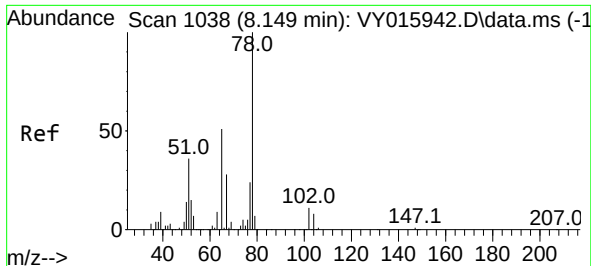
Tgt Ion: 76 Resp: 12583
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#20
Methylene Chloride
Concen: 11.592 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

Tgt Ion: 84 Resp: 26693
Ion Ratio Lower Upper
84 100
49 117.3 106.9 160.3
51 32.8 33.2 49.8#
86 61.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.182 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015967.D

Acq: 13 Oct 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

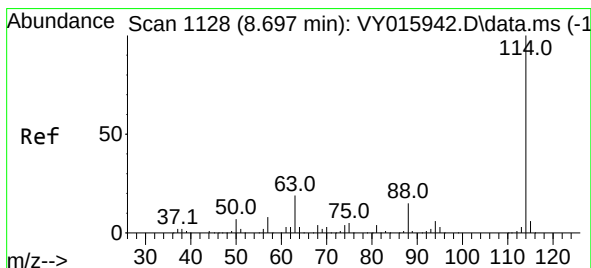
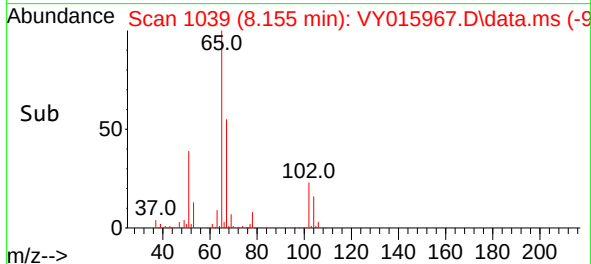
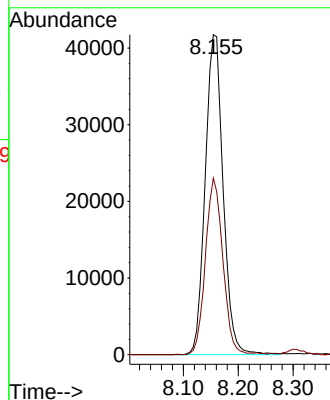
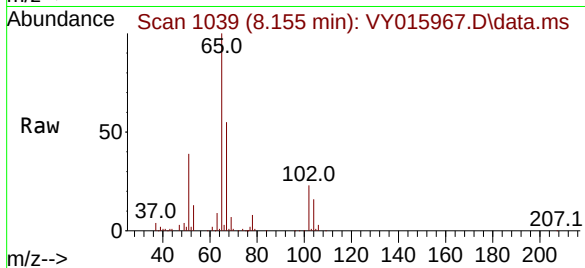
30104

Tgt Ion: 65 Resp: 94731

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY015967.D

Acq: 13 Oct 2023 19:00

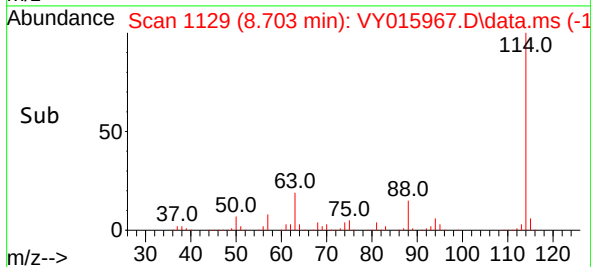
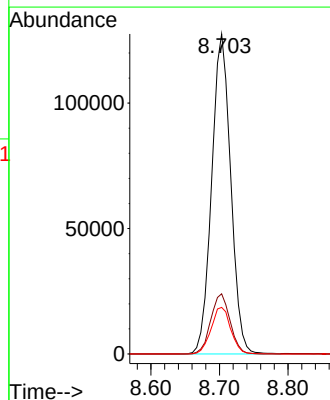
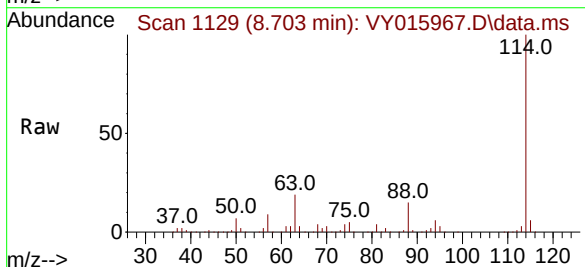
Tgt Ion: 114 Resp: 245394

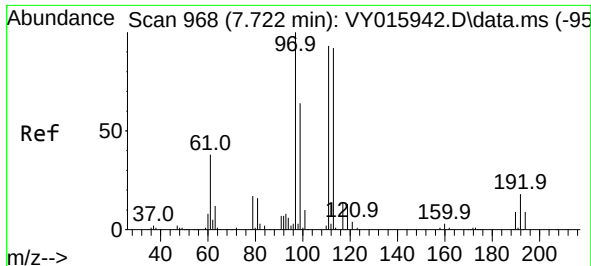
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.6 0.0 30.6

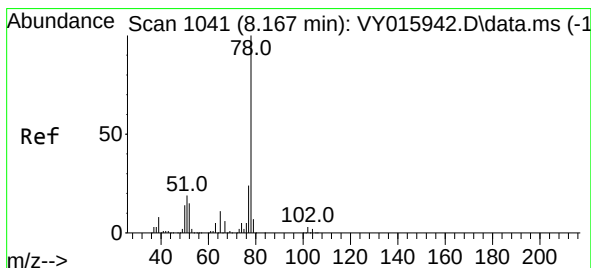
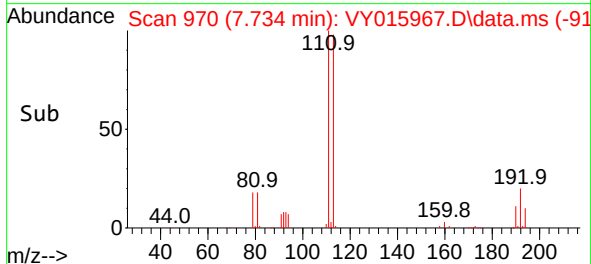
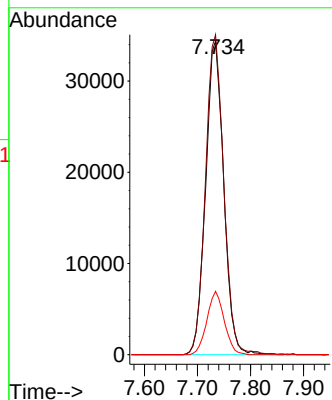
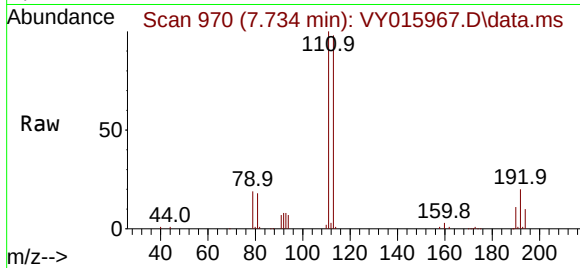




#35
Dibromofluoromethane
Concen: 52.614 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

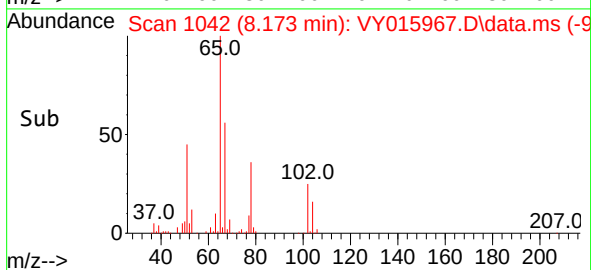
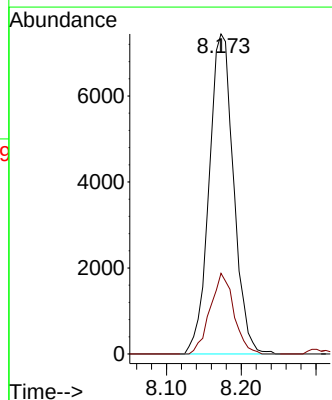
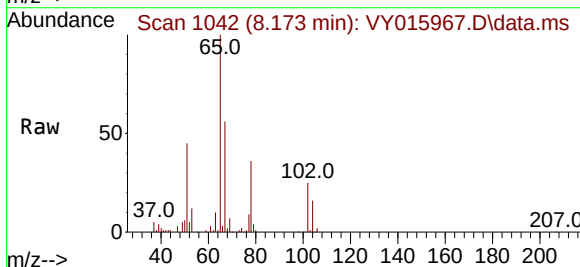
Instrument :
MSVOA_Y
ClientSampleId :
30104

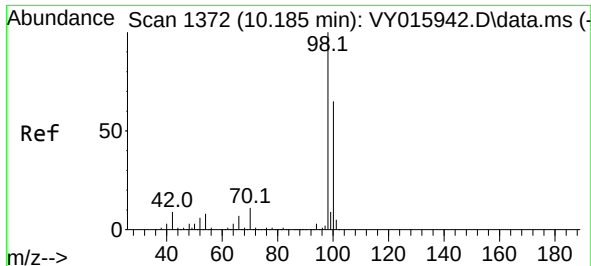
Tgt Ion:113 Resp: 81283
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.4 16.9 25.3



#40
Benzene
Concen: 2.516 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

Tgt Ion: 78 Resp: 16966
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.6

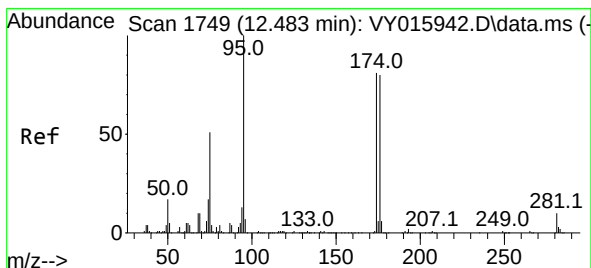
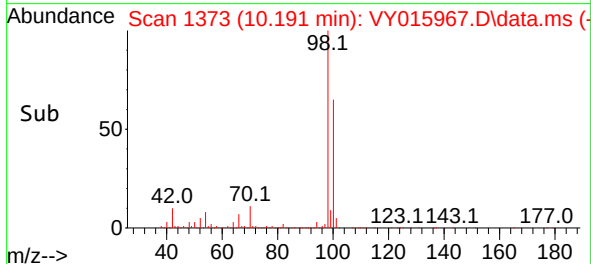
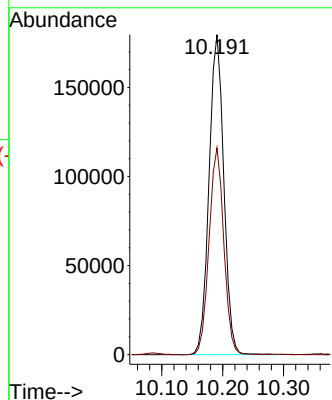
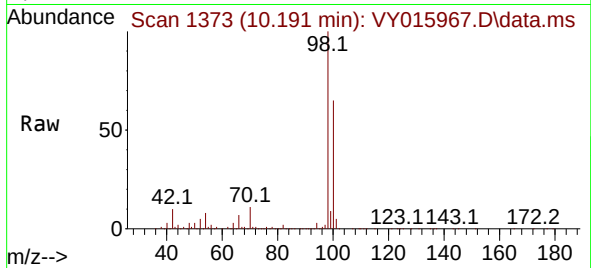




#50
Toluene-d8
Concen: 52.239 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

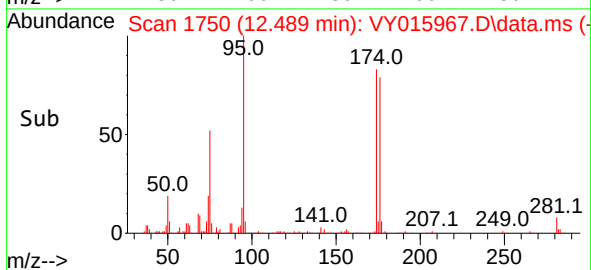
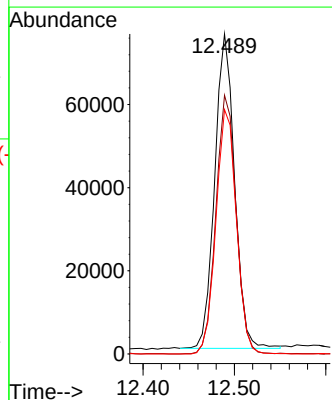
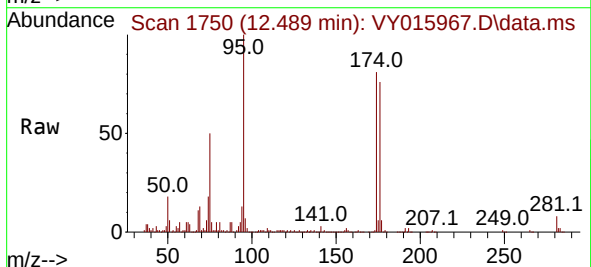
Instrument :
MSVOA_Y
ClientSampleId :
30104

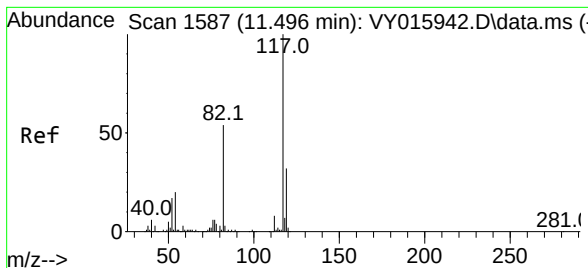
Tgt Ion: 98 Resp: 302228
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.465 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

Tgt Ion: 95 Resp: 114264
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 80.0 0.0 173.8

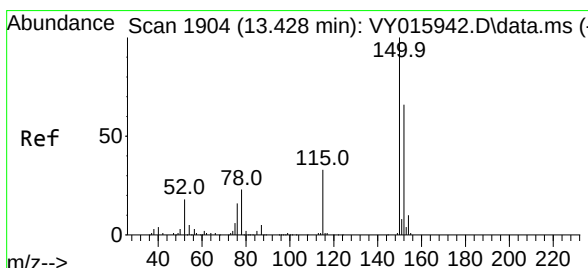
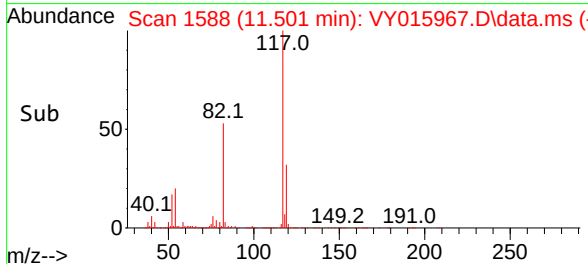
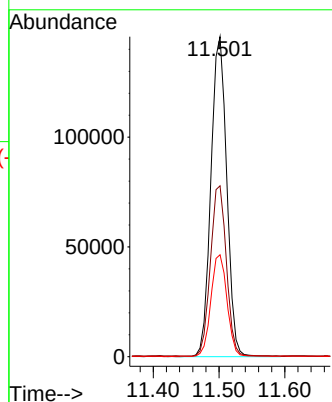
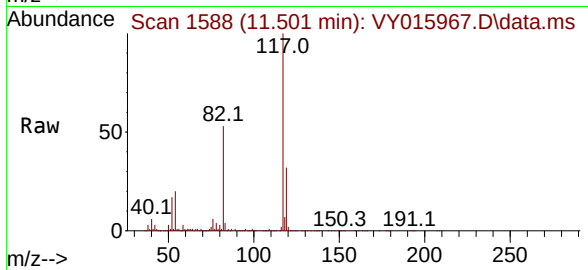




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

Instrument :
MSVOA_Y
ClientSampleId :
30104

Tgt Ion:117 Resp: 244098
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015967.D
Acq: 13 Oct 2023 19:00

Tgt Ion:152 Resp: 122759
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 154.6 0.0 348.8

