

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014356.D
 Acq On : 22 Jun 2023 00:17
 Operator : KP/MD
 Sample : 03358-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(0-2)

Quant Time: Jun 22 02:01:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

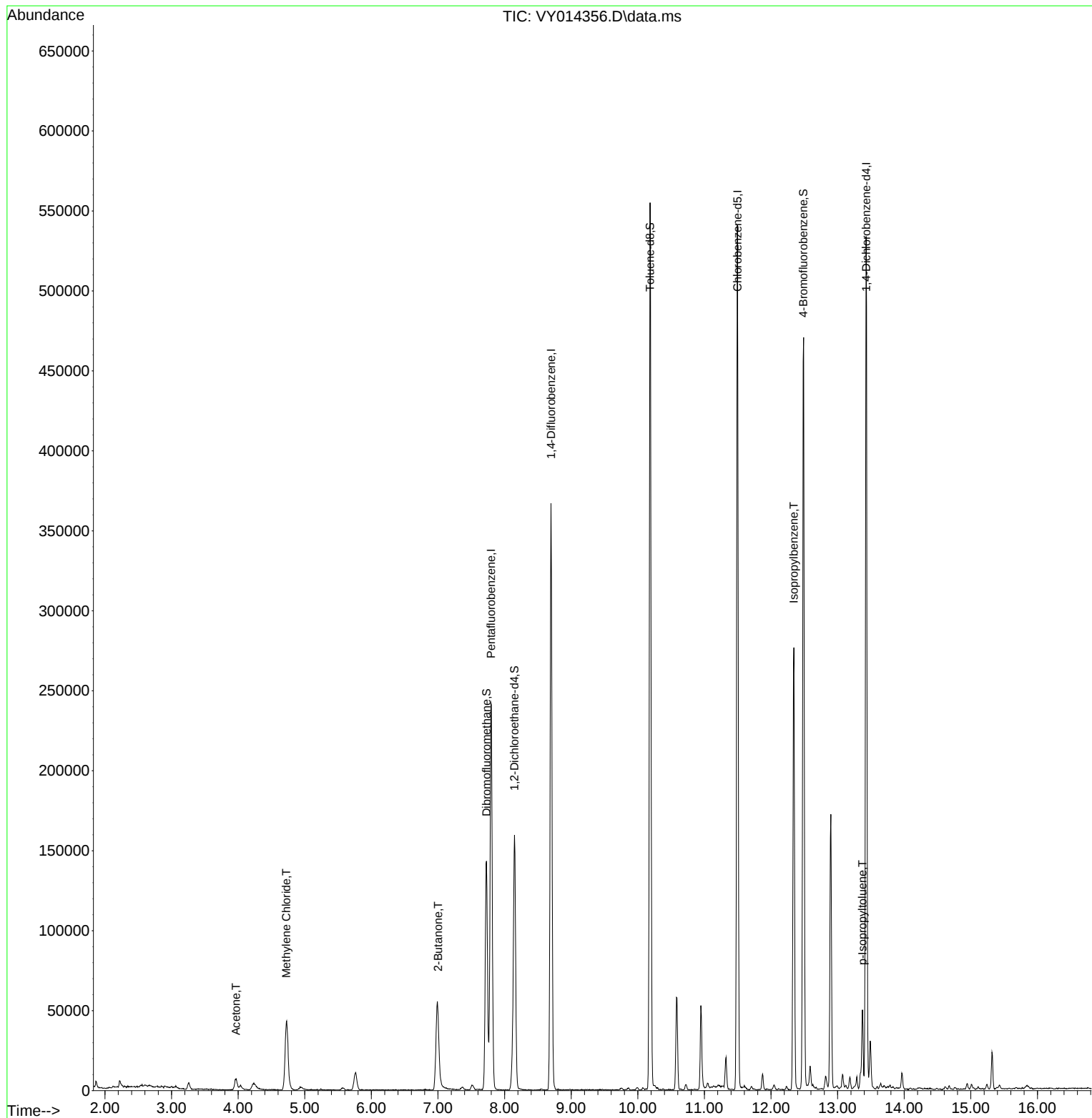
Internal Standards						
1) Pentafluorobenzene	7.795	168	188921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	280594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128709	48.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.840%
35) Dibromofluoromethane	7.728	113	99363	46.688	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.380%
50) Toluene-d8	10.185	98	357145	44.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.483	95	126289	44.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.360%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	13462	16.976	ug/l	90
20) Methylene Chloride	4.722	84	32846	10.114	ug/l	91
25) 2-Butanone	7.002	43	8570	8.779	ug/l #	76
73) Isopropylbenzene	12.343	105	13575	1.299	ug/l #	69
86) p-Isopropyltoluene	13.373	119	24768	2.617	ug/l	94

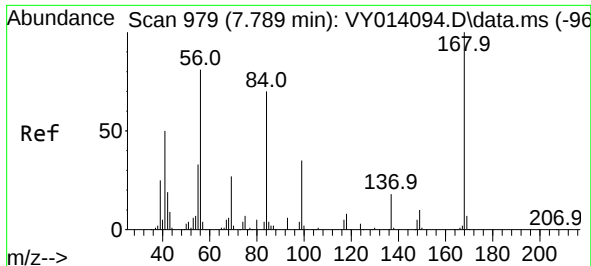
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
Data File : VY014356.D
Acq On : 22 Jun 2023 00:17
Operator : KP/MD
Sample : 03358-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(0-2)

Quant Time: Jun 22 02:01:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

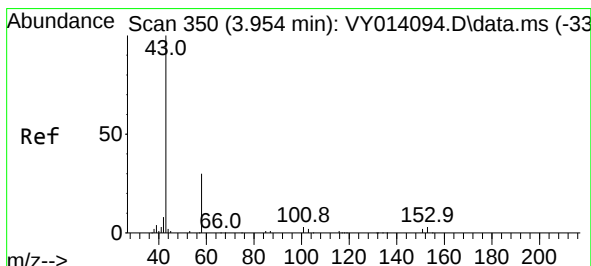
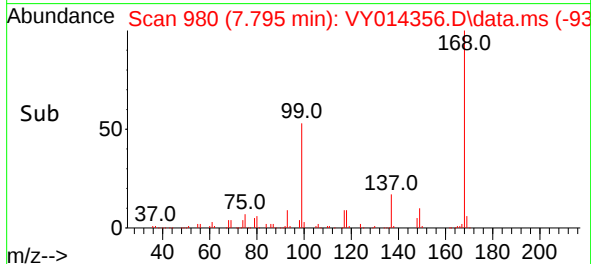
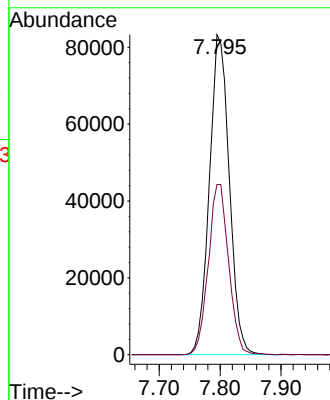
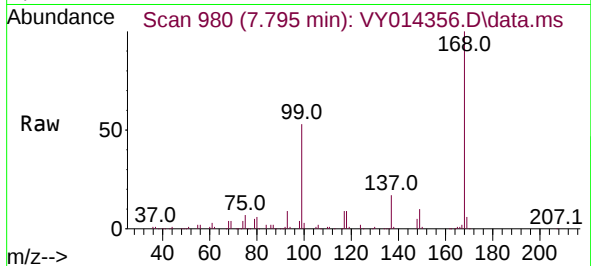




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014356.D
Acq: 22 Jun 2023 00:17

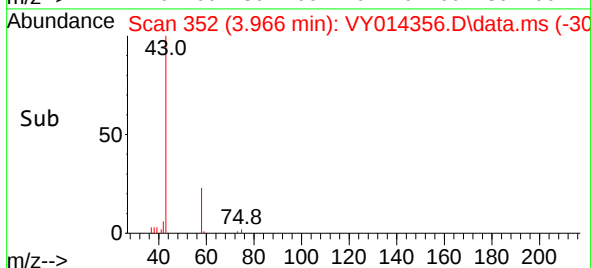
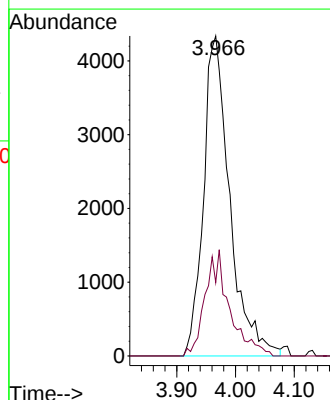
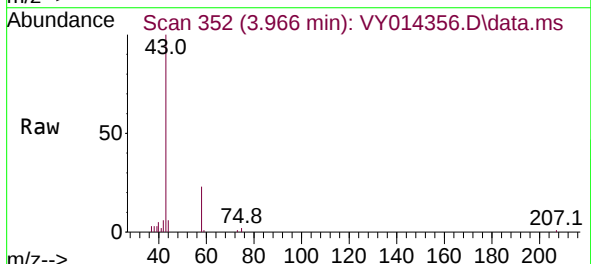
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(0-2)

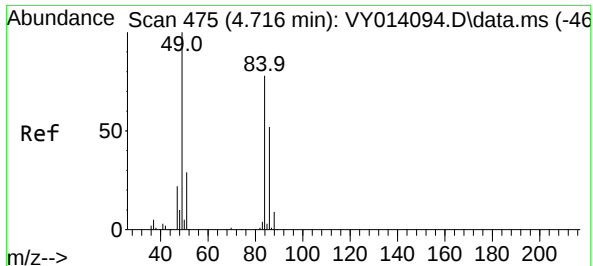
Tgt Ion:168 Resp: 188921
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#16
Acetone
Concen: 16.976 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY014356.D
Acq: 22 Jun 2023 00:17

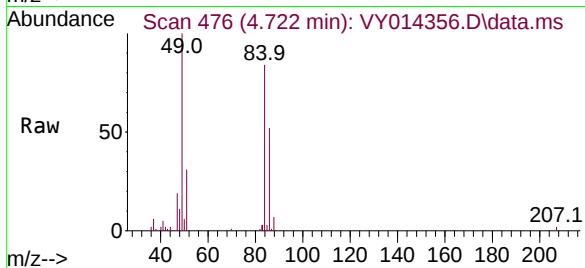
Tgt Ion: 43 Resp: 13462
Ion Ratio Lower Upper
43 100
58 22.9 22.7 34.1



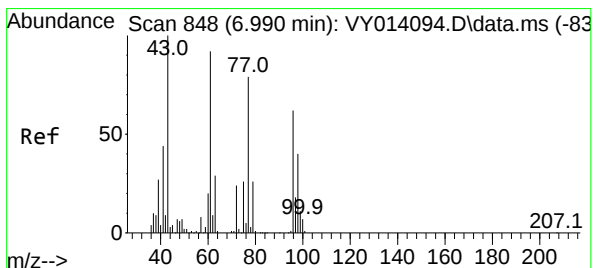
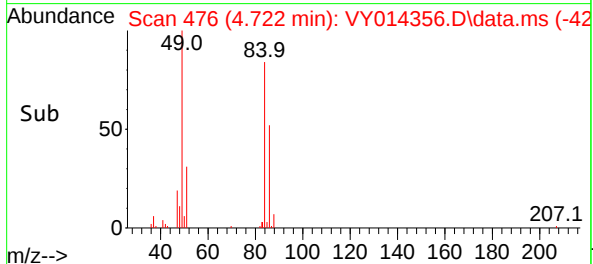
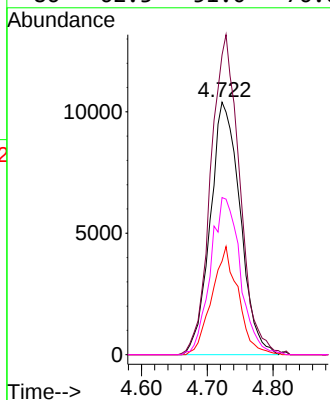


#20
Methylene Chloride
Concen: 10.114 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014356.D
Acq: 22 Jun 2023 00:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(0-2)

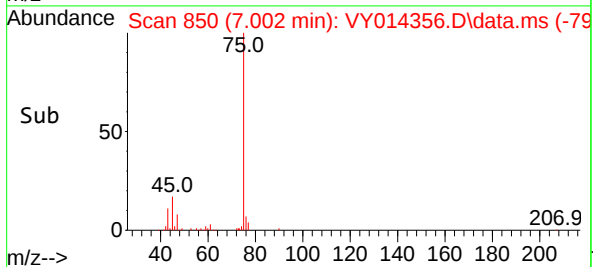
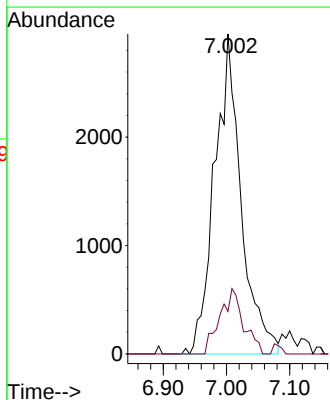
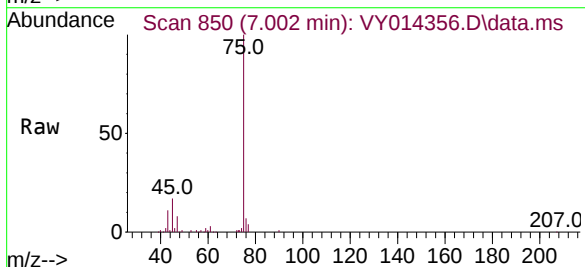


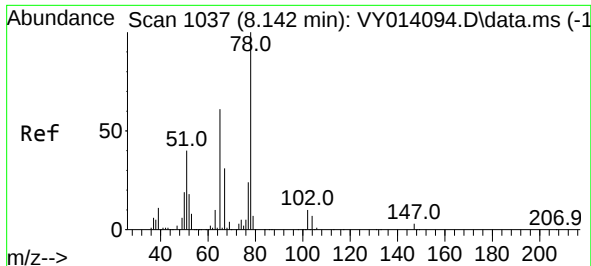
Tgt Ion:	84	Resp:	32846
Ion	Ratio	Lower	Upper
84	100		
49	118.7	106.9	160.3
51	37.0	33.2	49.8
86	62.3	51.0	76.6



#25
2-Butanone
Concen: 8.779 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY014356.D
Acq: 22 Jun 2023 00:17

Tgt Ion:	43	Resp:	8570
Ion	Ratio	Lower	Upper
43	100		
72	13.3	20.5	30.7#





#33

1,2-Dichloroethane-d4

Concen: 48.925 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014356.D

Acq: 22 Jun 2023 00:17

Instrument :

MSVOA_Y

ClientSampleId :

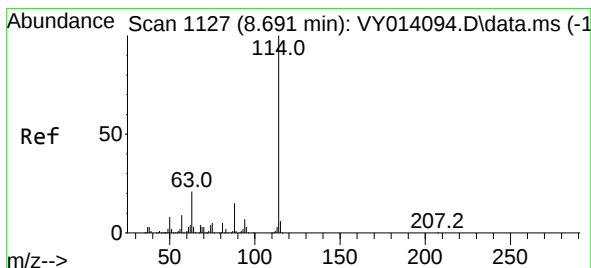
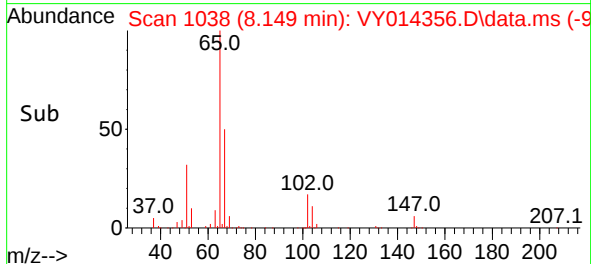
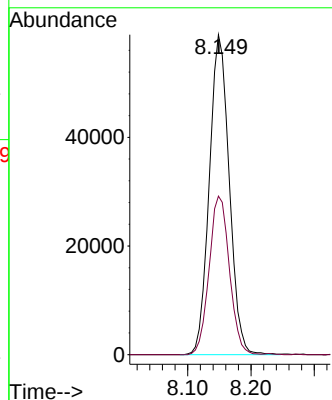
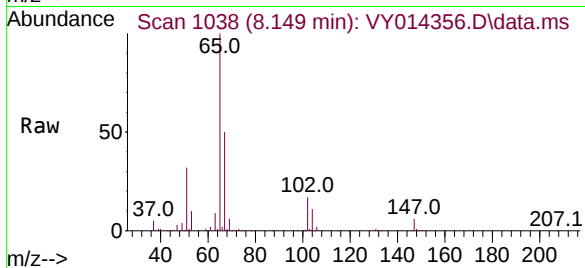
SB-6-(0-2)

Tgt Ion: 65 Resp: 128709

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014356.D

Acq: 22 Jun 2023 00:17

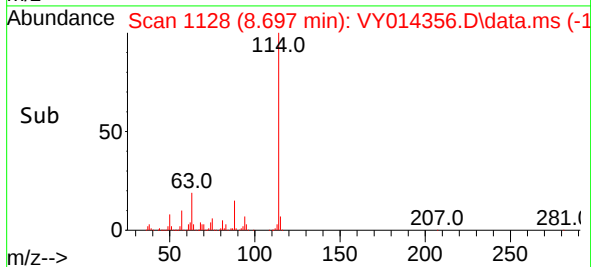
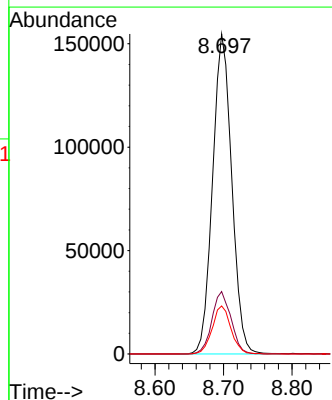
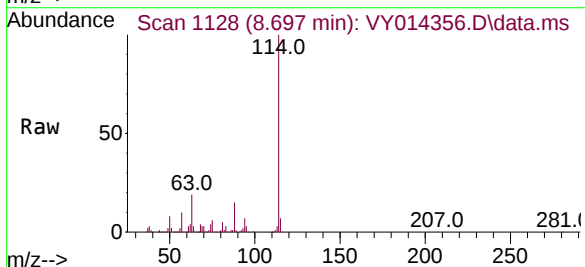
Tgt Ion:114 Resp: 300100

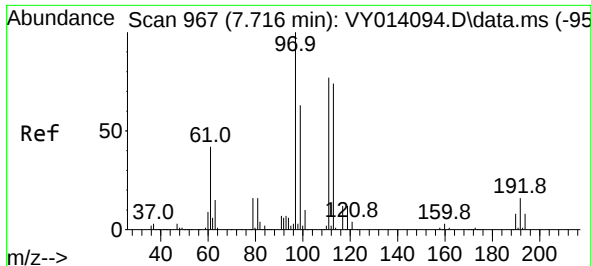
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.0 0.0 30.6

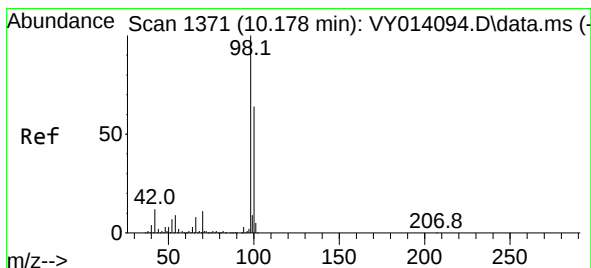
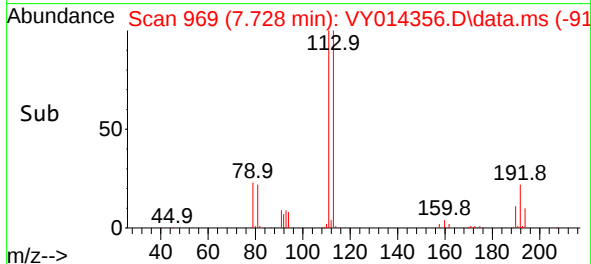
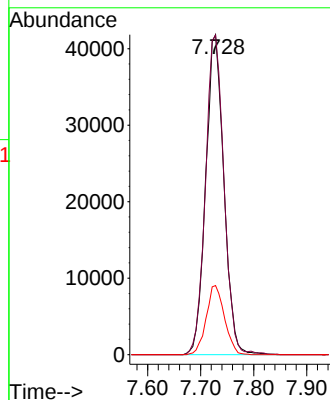
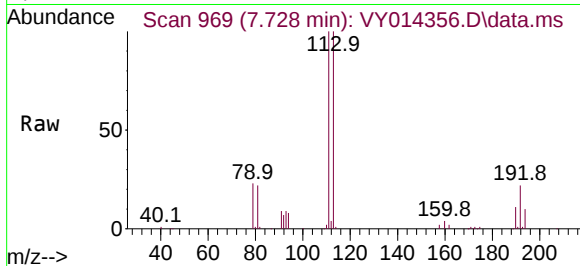




#35
Dibromofluoromethane
Concen: 46.688 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014356.D
Acq: 22 Jun 2023 00:17

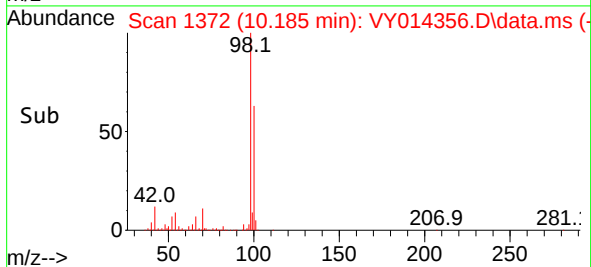
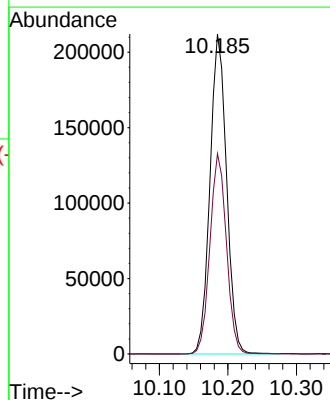
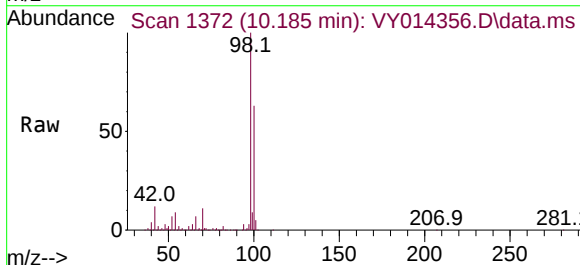
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(0-2)

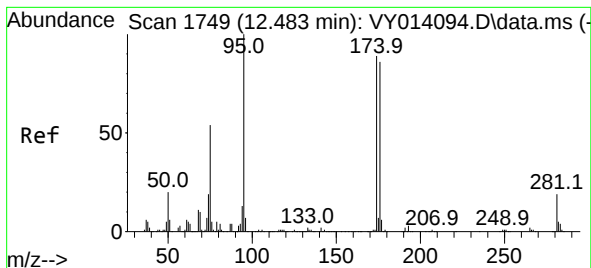
Tgt Ion:113 Resp: 99363
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 21.7 16.9 25.3



#50
Toluene-d8
Concen: 44.886 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014356.D
Acq: 22 Jun 2023 00:17

Tgt Ion: 98 Resp: 357145
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 44.681 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014356.D

Acq: 22 Jun 2023 00:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-(0-2)

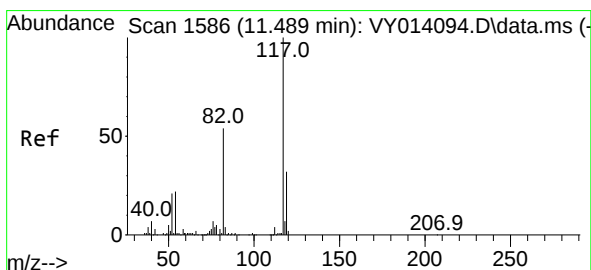
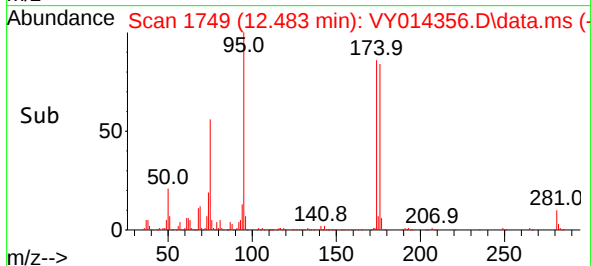
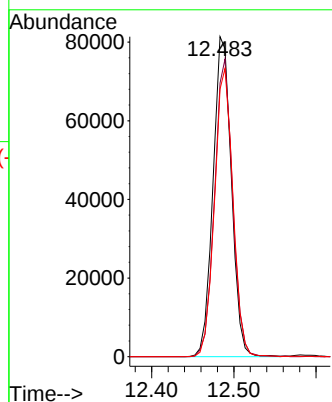
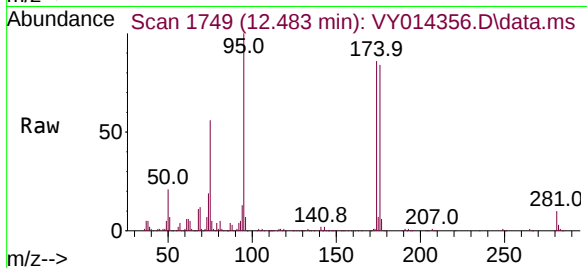
Tgt Ion: 95 Resp: 126289

Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.2

176 90.2 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY014356.D

Acq: 22 Jun 2023 00:17

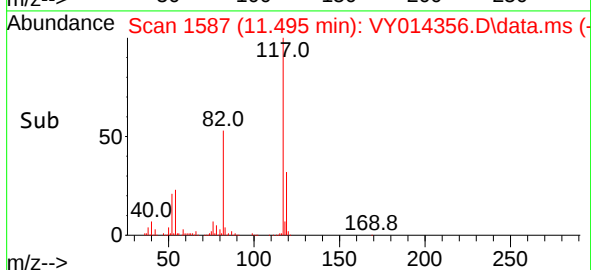
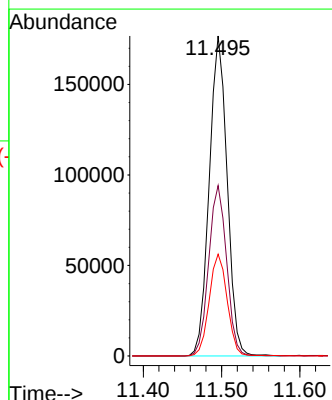
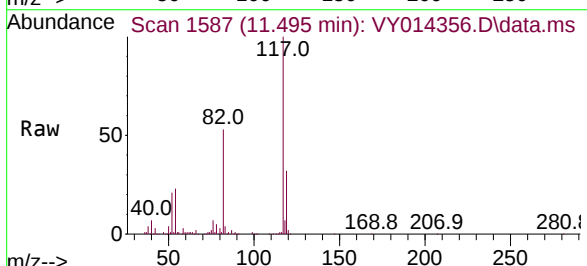
Tgt Ion: 117 Resp: 280594

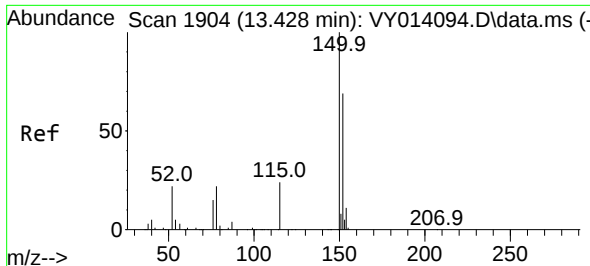
Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 31.8 26.3 39.5

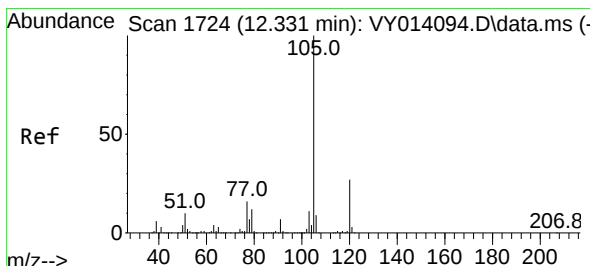
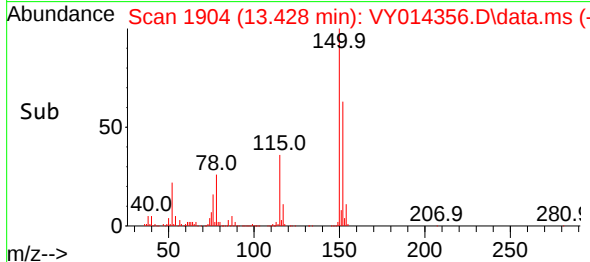
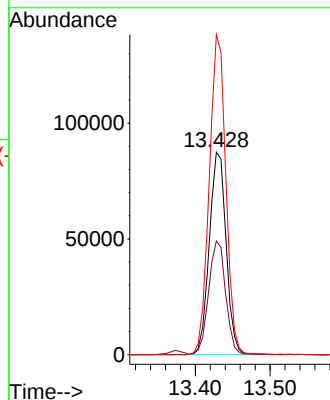
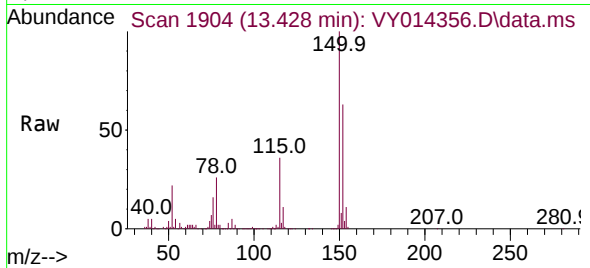




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014356.D
 Acq: 22 Jun 2023 00:17

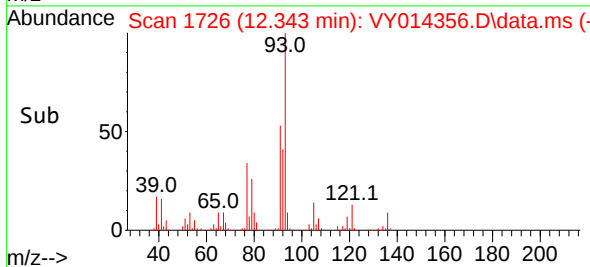
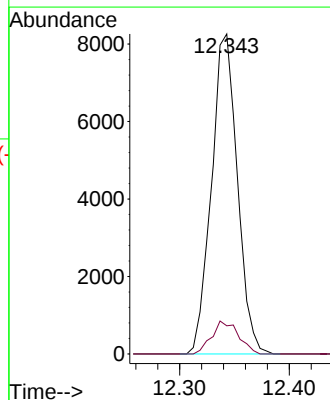
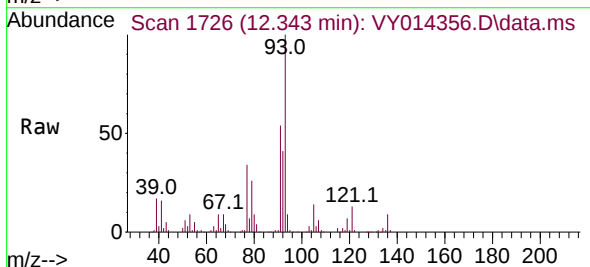
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(0-2)

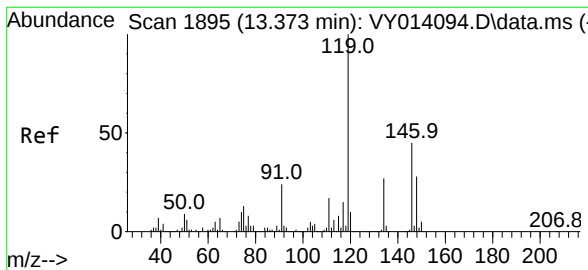
Tgt Ion:152 Resp: 137014
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.8 86.5
 150 155.9 0.0 348.8



#73
 Isopropylbenzene
 Concen: 1.299 ug/l
 RT: 12.343 min Scan# 1726
 Delta R.T. 0.012 min
 Lab File: VY014356.D
 Acq: 22 Jun 2023 00:17

Tgt Ion:105 Resp: 13575
 Ion Ratio Lower Upper
 105 100
 120 10.6 13.3 39.9#





#86
 p-Isopropyltoluene
 Concen: 2.617 ug/l
 RT: 13.373 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY014356.D
 Acq: 22 Jun 2023 00:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(0-2)

Tgt Ion:119 Resp: 24768
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.3 39.8
 91 28.8 12.4 37.4

