

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013850.D
 Acq On : 24 May 2023 16:45
 Operator : KP/MD
 Sample : 02848-01
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4

Quant Time: May 25 07:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

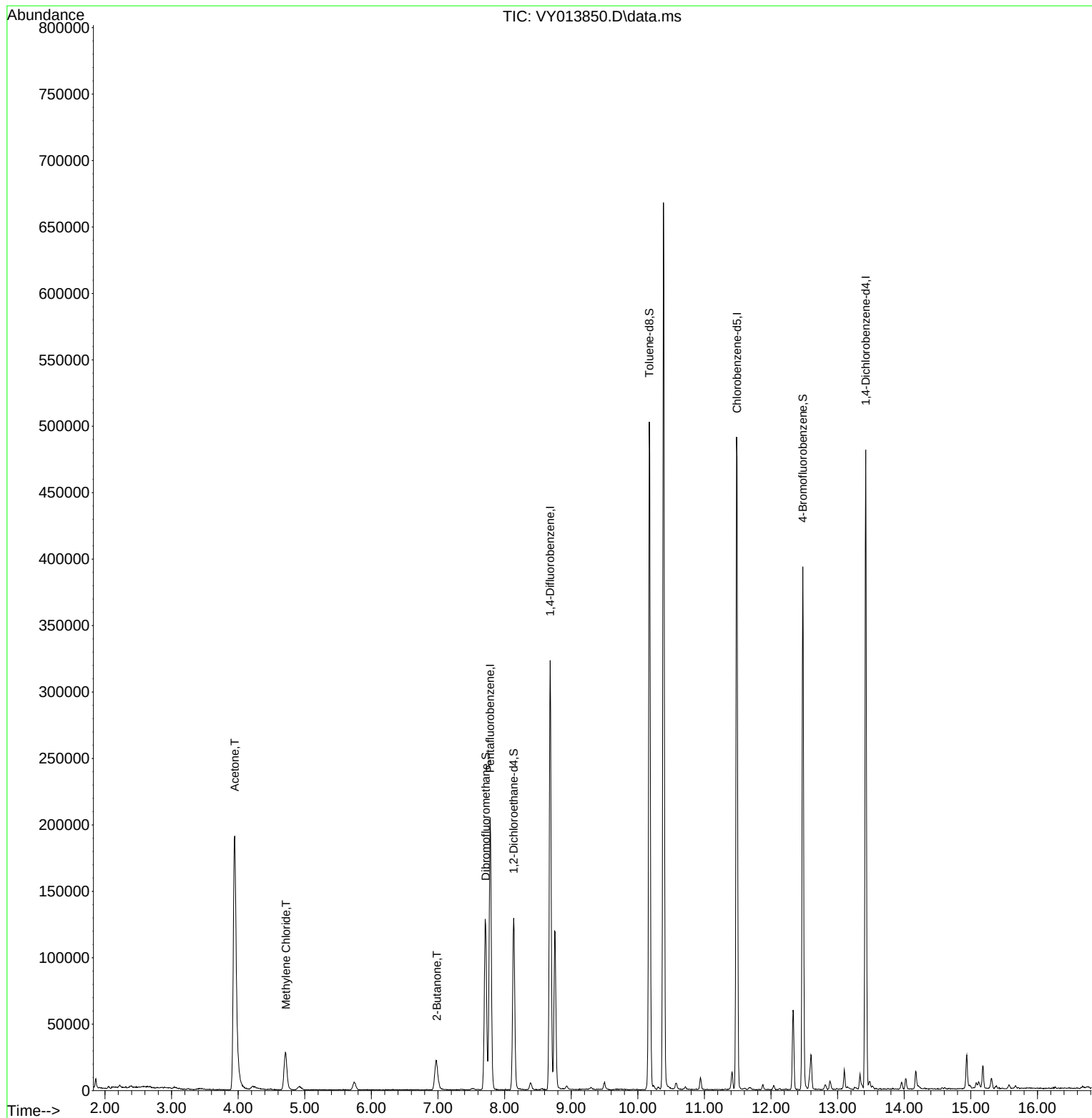
Internal Standards						
1) Pentafluorobenzene	7.783	168	156392	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	263256	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	262268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104303	57.648	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.300%	
35) Dibromofluoromethane	7.716	113	87494	51.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.920%	
50) Toluene-d8	10.173	98	322913	49.974	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.477	95	108207	50.379	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.760%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	400369	745.567	ug/l	99
20) Methylene Chloride	4.716	84	20793	8.829	ug/l	95
25) 2-Butanone	6.984	43	6024	9.193	ug/l #	78

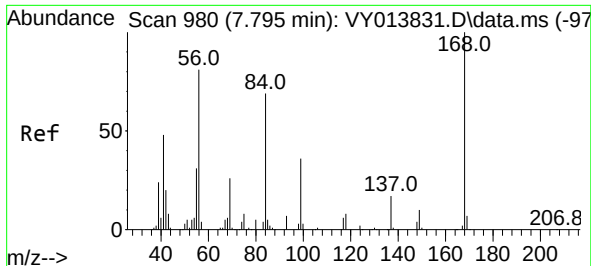
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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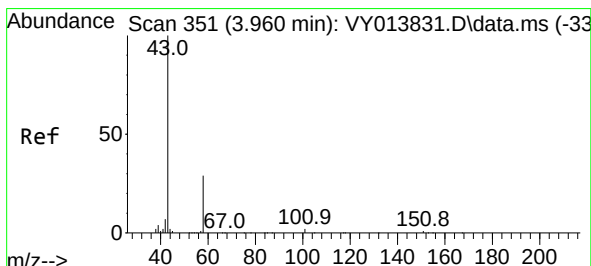
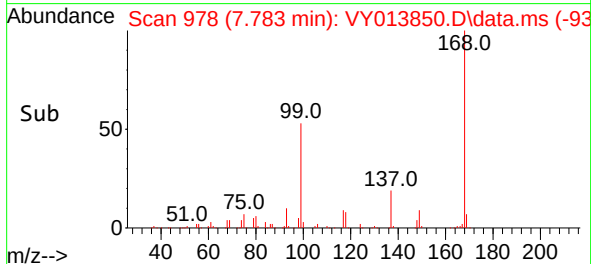
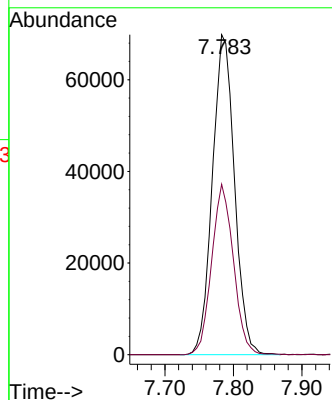
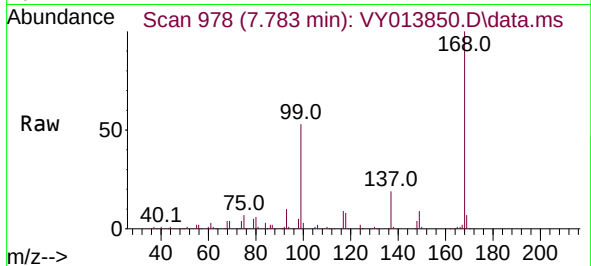




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

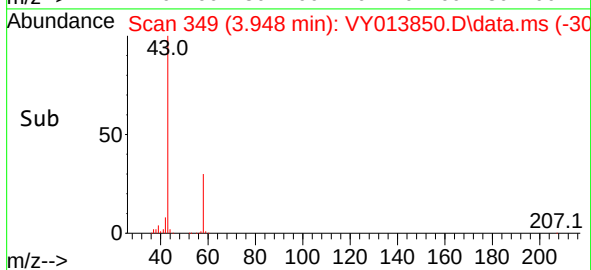
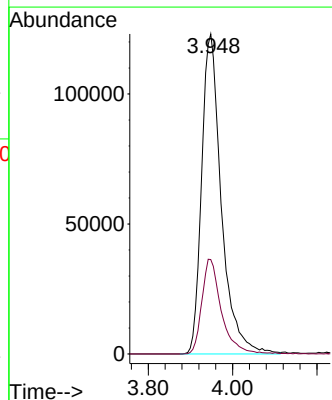
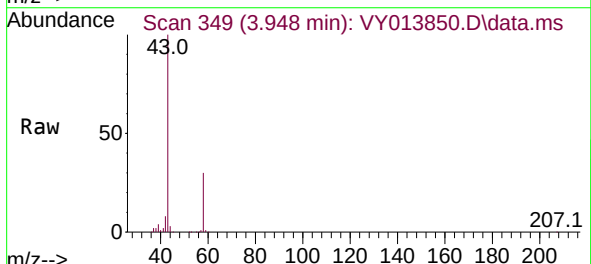
Instrument :
MSVOA_Y
ClientSampleId :
TP4

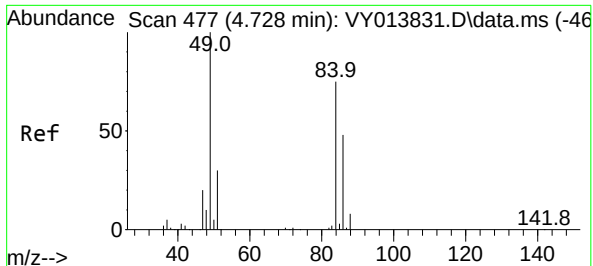
Tgt Ion:168 Resp: 156392
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.2



#16
Acetone
Concen: 745.567 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 43 Resp: 400369
Ion Ratio Lower Upper
43 100
58 29.5 23.3 34.9

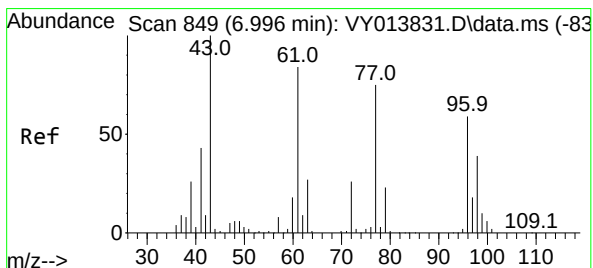
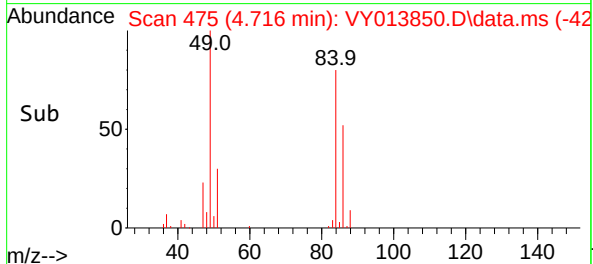
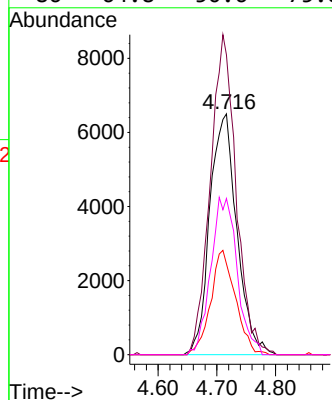
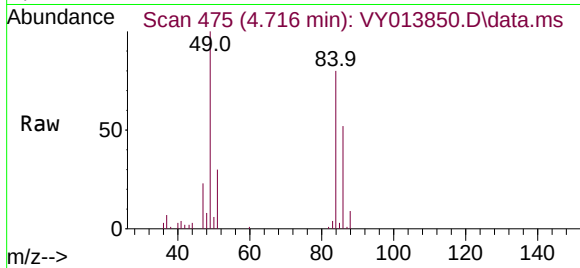




#20
Methylene Chloride
Concen: 8.829 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

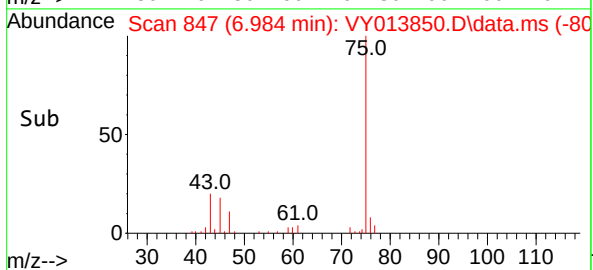
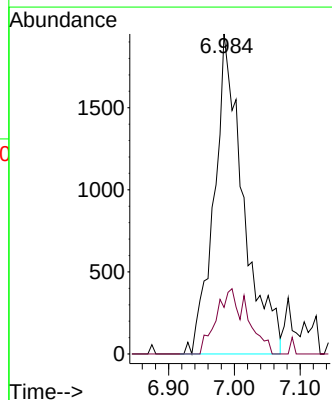
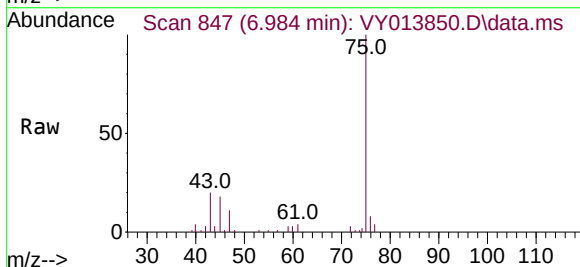
Instrument :
MSVOA_Y
ClientSampleId :
TP4

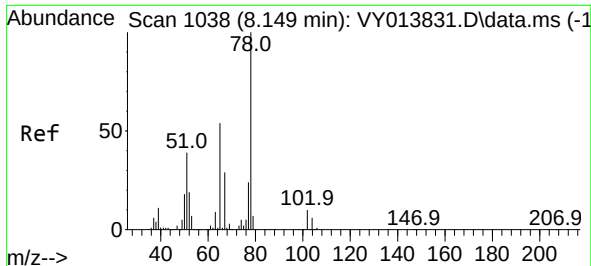
Tgt Ion:	84	Resp:	20793
Ion	Ratio	Lower	Upper
84	100		
49	124.5	106.2	159.2
51	37.7	31.4	47.0
86	64.8	50.6	75.8



#25
2-Butanone
Concen: 9.193 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion:	43	Resp:	6024
Ion	Ratio	Lower	Upper
43	100		
72	14.6	20.5	30.7#





#33

1,2-Dichloroethane-d4

Concen: 57.648 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.012 min

Lab File: VY013850.D

Acq: 24 May 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

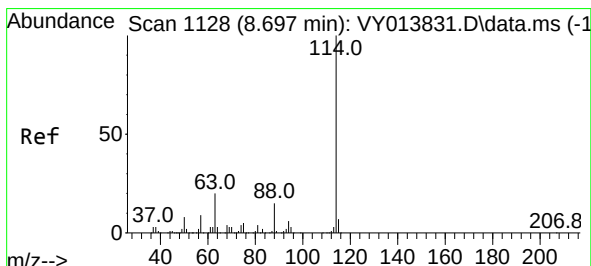
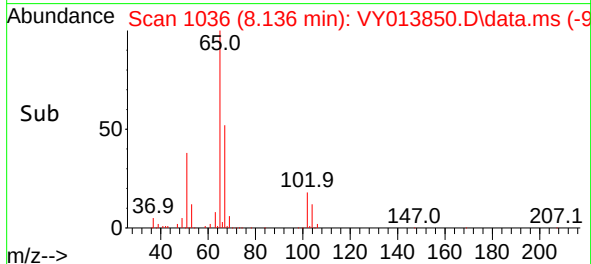
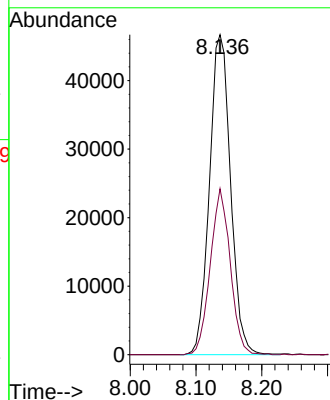
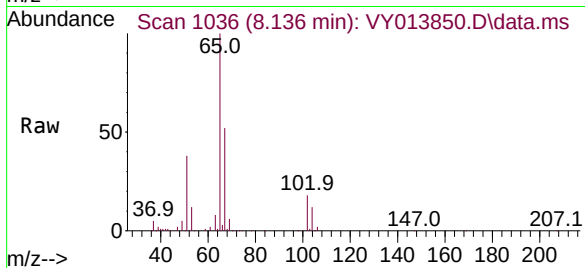
TP4

Tgt Ion: 65 Resp: 104303

Ion Ratio Lower Upper

65 100

67 49.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013850.D

Acq: 24 May 2023 16:45

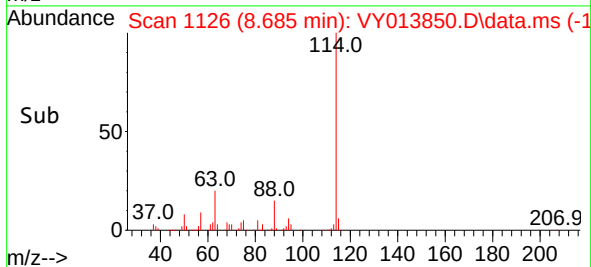
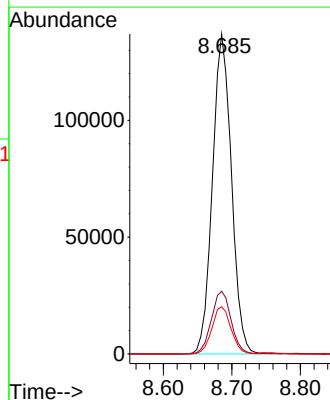
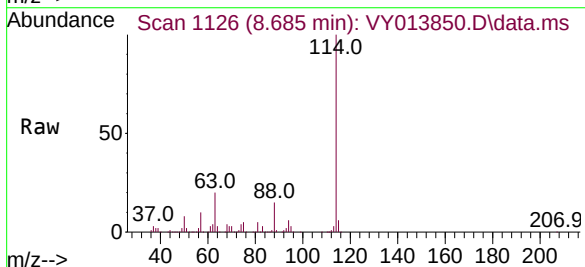
Tgt Ion: 114 Resp: 263256

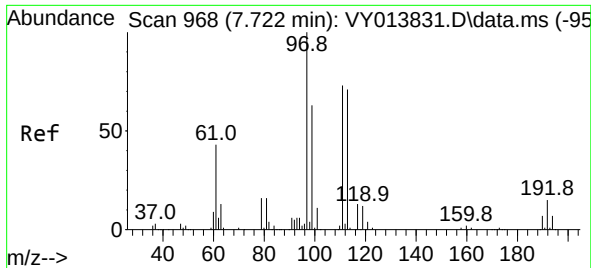
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 14.8 0.0 30.0

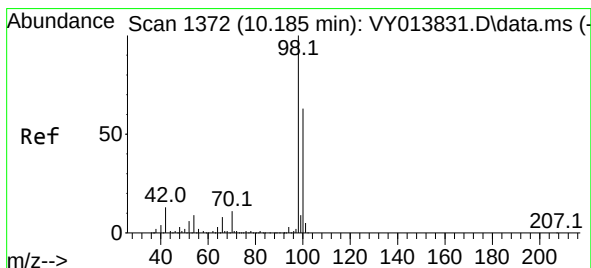
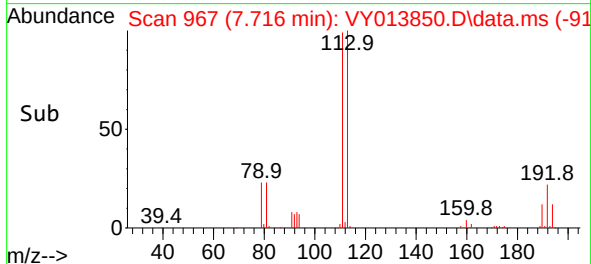
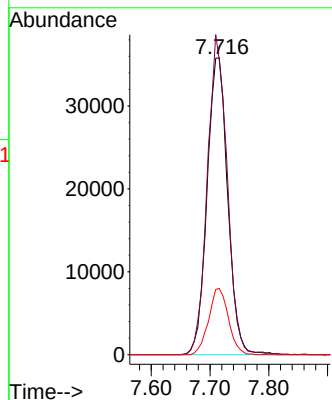
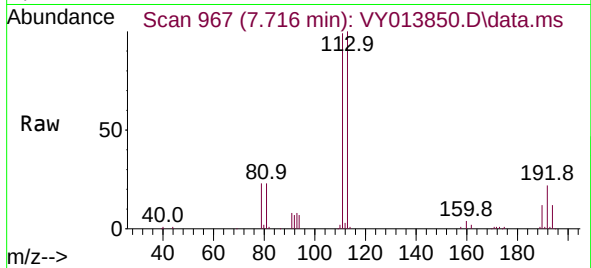




#35
Dibromofluoromethane
Concen: 51.463 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

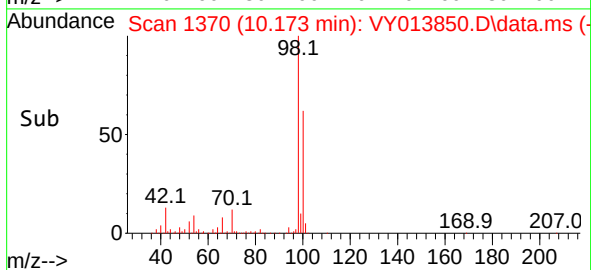
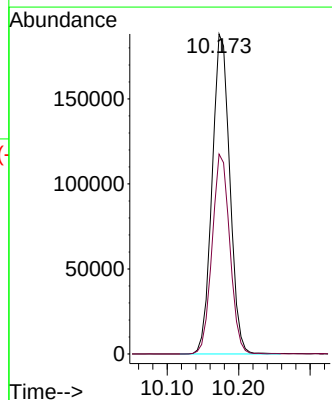
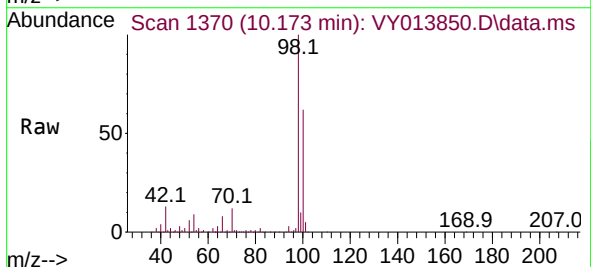
Instrument :
MSVOA_Y
ClientSampleId :
TP4

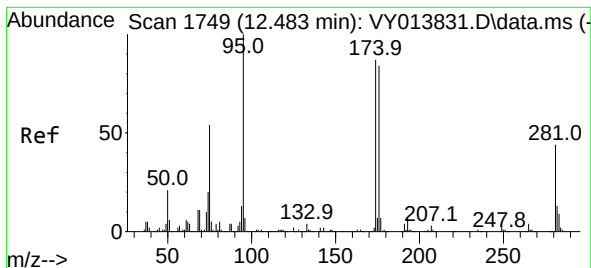
Tgt Ion:113 Resp: 87494
Ion Ratio Lower Upper
113 100
111 103.4 80.4 120.6
192 21.4 16.6 25.0



#50
Toluene-d8
Concen: 49.974 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 98 Resp: 322913
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2

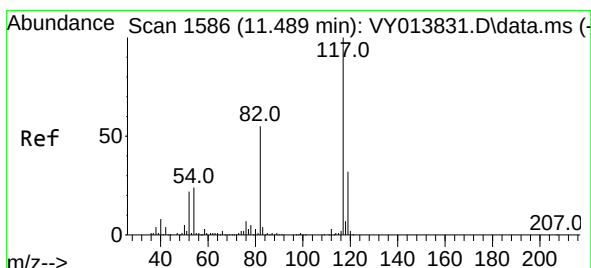
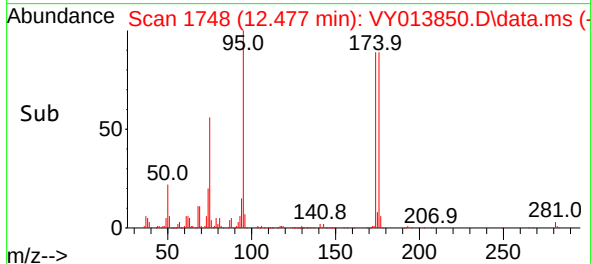
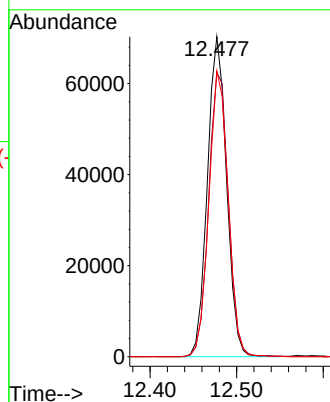
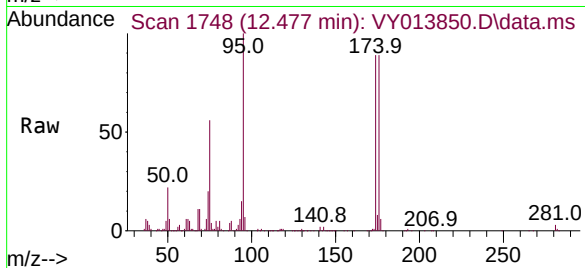




#62
4-Bromofluorobenzene
Concen: 50.379 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

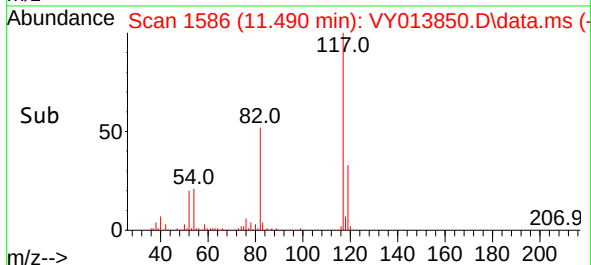
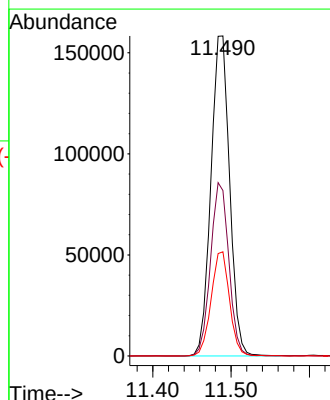
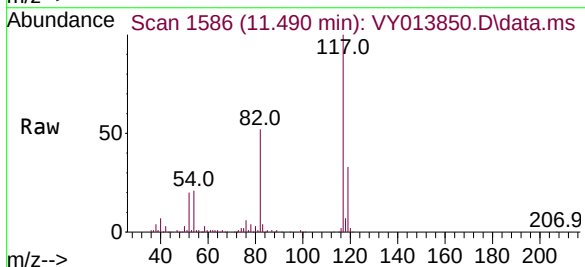
Instrument :
MSVOA_Y
ClientSampleId :
TP4

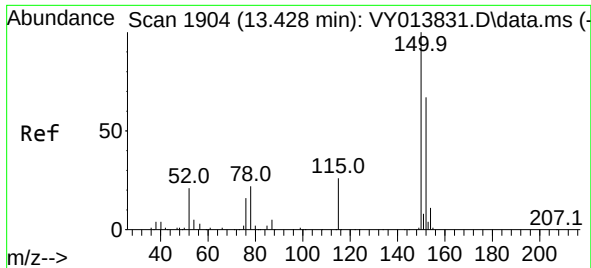
Tgt Ion: 95 Resp: 108207
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.0
176 89.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 117 Resp: 262268
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.4
119 32.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013850.D

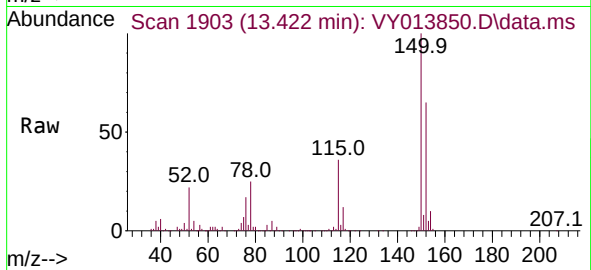
Acq: 24 May 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

TP4



Tgt Ion:152 Resp: 119903

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 154.2 0.0 353.4

