

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013843.D
 Acq On : 24 May 2023 14:01
 Operator : KP/MD
 Sample : 02899-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB06B

Quant Time: May 25 07:08:17 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)

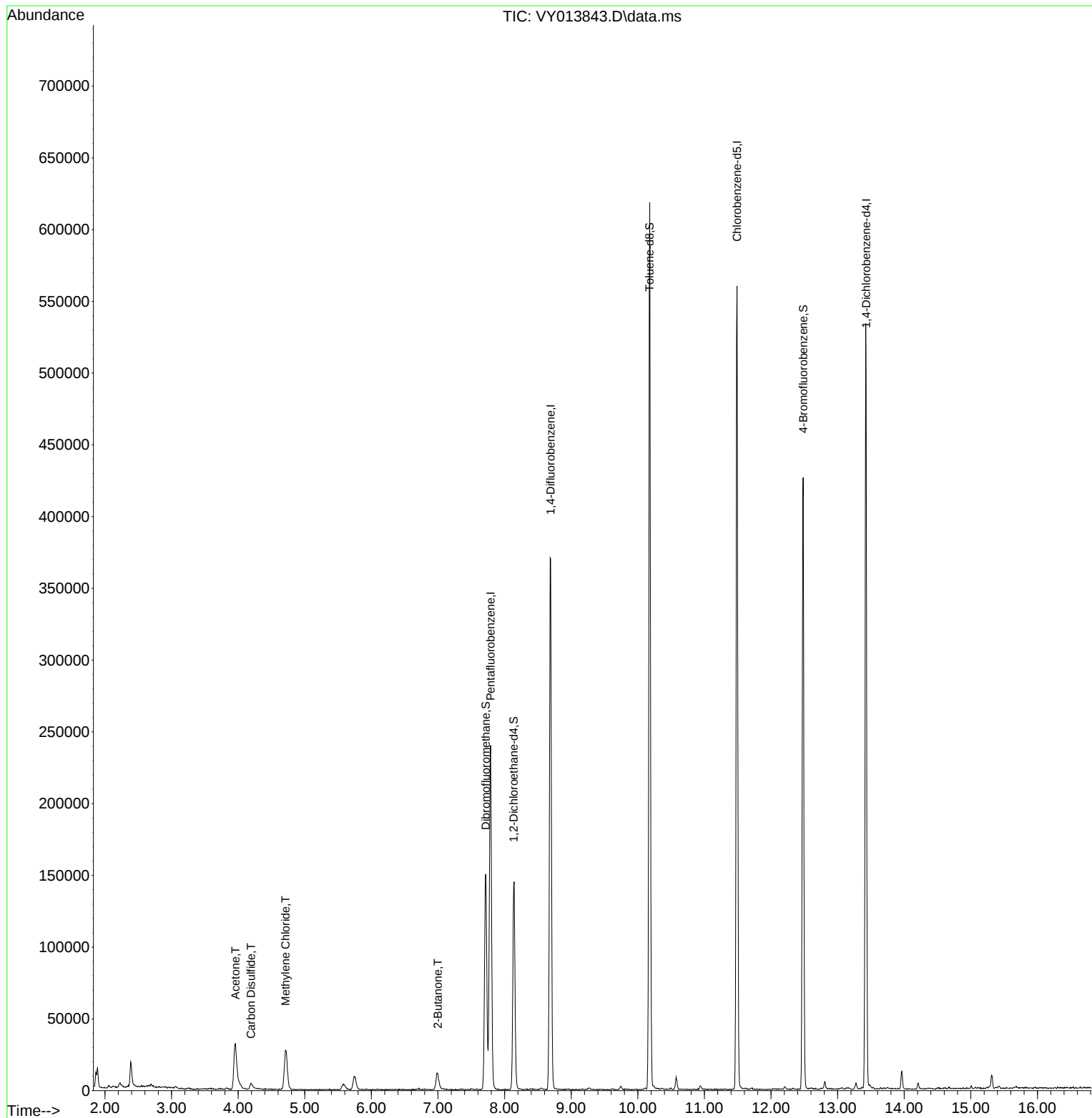
Internal Standards						
1) Pentafluorobenzene	7.789	168	184007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116652	54.798	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.600%		
35) Dibromofluoromethane	7.716	113	105320	51.969	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.940%		
50) Toluene-d8	10.179	98	382957	49.719	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 99.440%		
62) 4-Bromofluorobenzene	12.483	95	121975	47.641	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 95.280%		
Target Compounds						
16) Acetone	3.960	43	71572	113.279	ug/l	Qvalue 99
17) Carbon Disulfide	4.192	76	7666	1.427	ug/l #	90
20) Methylene Chloride	4.710	84	20561	6.993	ug/l	95
25) 2-Butanone	6.996	43	20426	26.494	ug/l	95

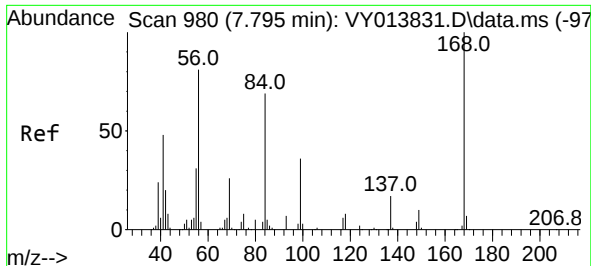
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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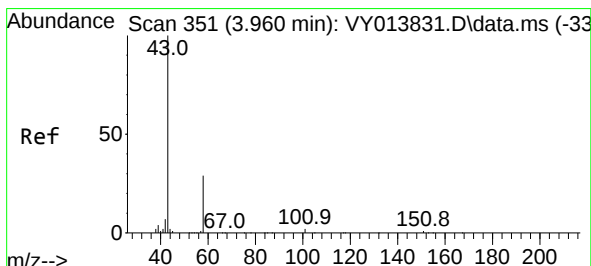
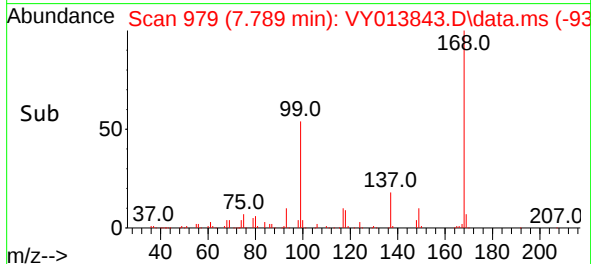
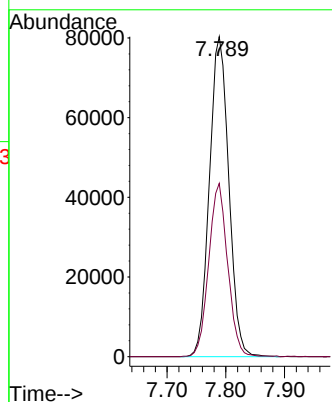
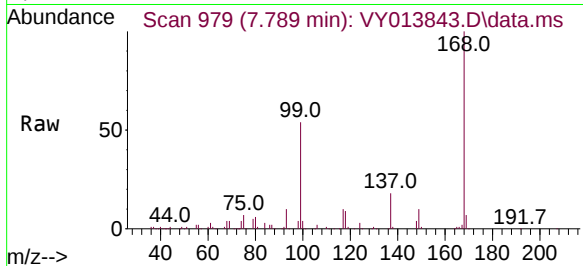




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

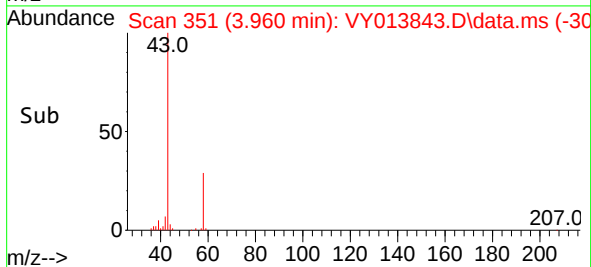
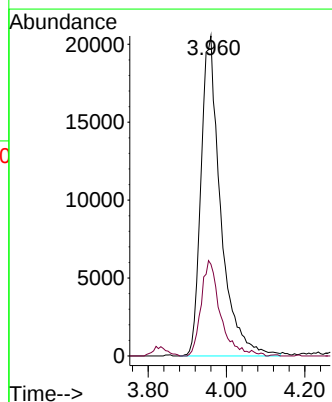
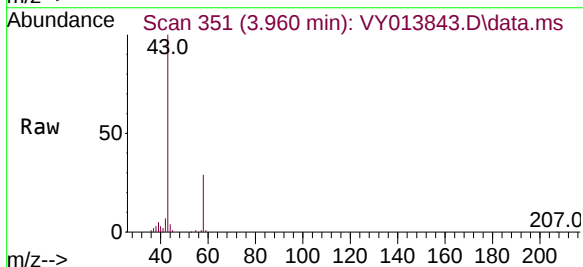
Instrument :
MSVOA_Y
ClientSampleId :
SB06B

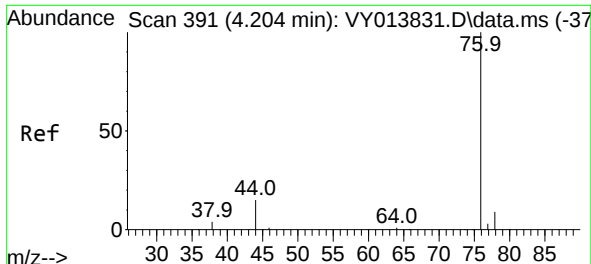
Tgt Ion:168 Resp: 184007
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.2



#16
Acetone
Concen: 113.279 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 43 Resp: 71572
Ion Ratio Lower Upper
43 100
58 28.7 23.3 34.9

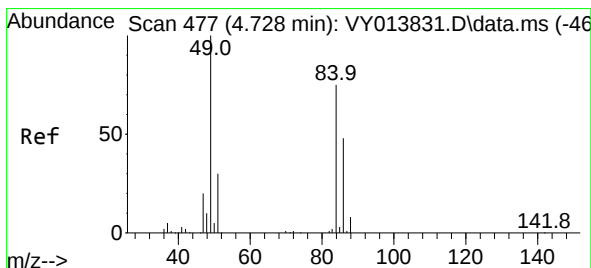
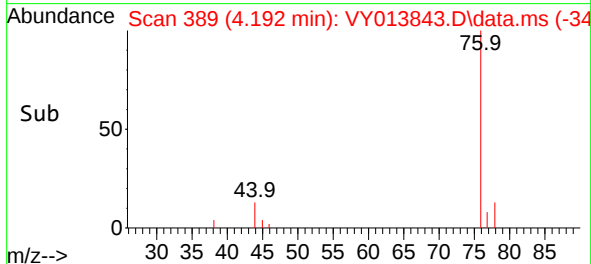
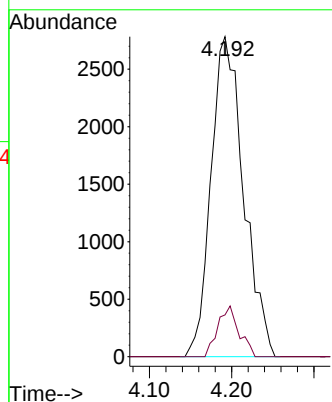
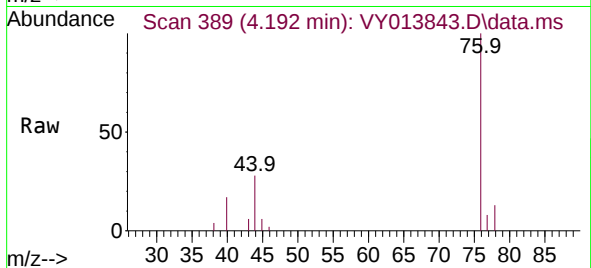




#17
Carbon Disulfide
Concen: 1.427 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

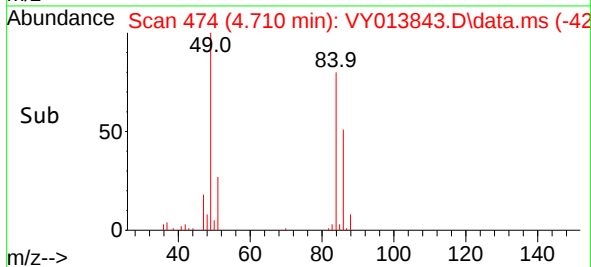
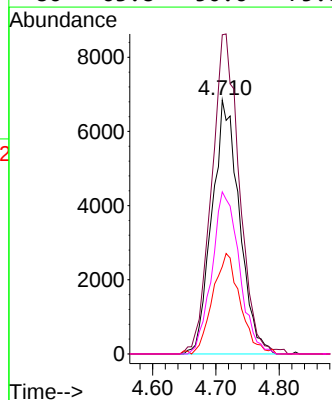
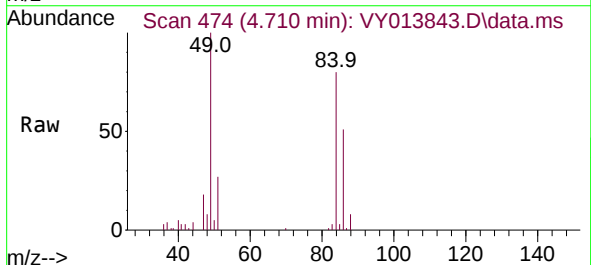
Instrument :
MSVOA_Y
ClientSampleId :
SB06B

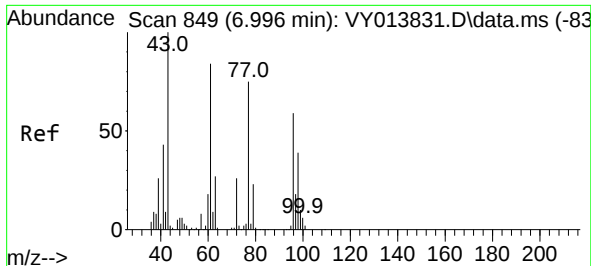
Tgt Ion: 76 Resp: 7666
Ion Ratio Lower Upper
76 100
78 13.0 7.5 11.3#



#20
Methylene Chloride
Concen: 6.993 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 84 Resp: 20561
Ion Ratio Lower Upper
84 100
49 125.7 106.2 159.2
51 34.4 31.4 47.0
86 63.8 50.6 75.8

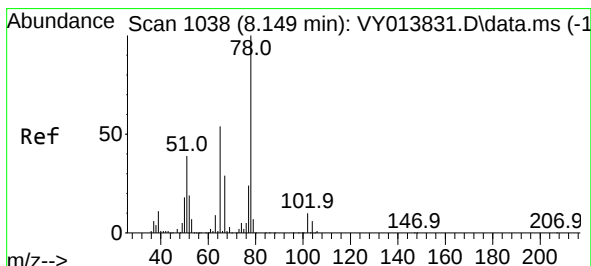
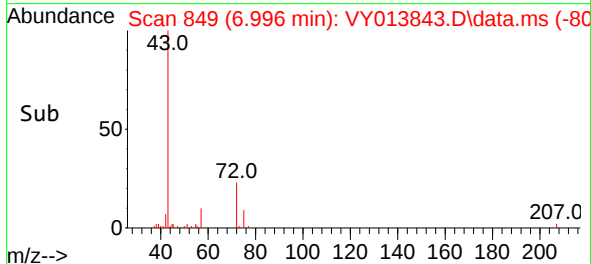
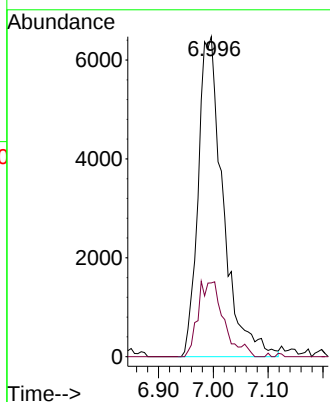
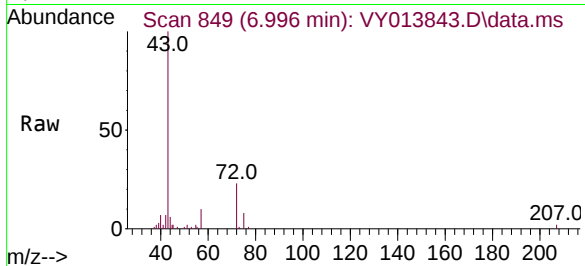




#25
2-Butanone
Concen: 26.494 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

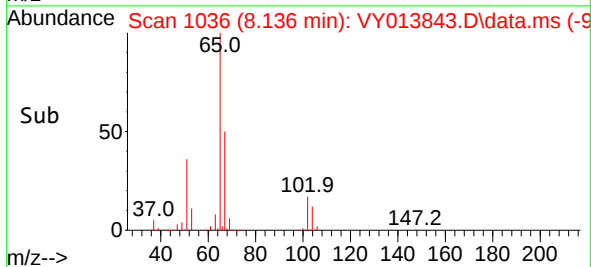
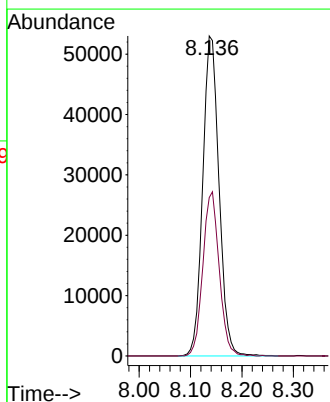
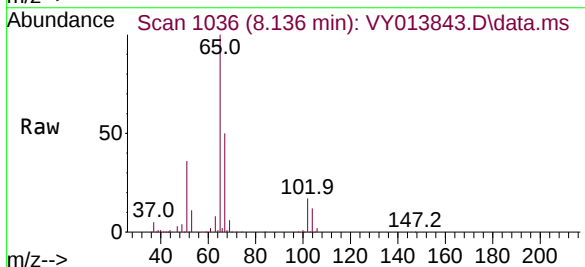
Instrument :
MSVOA_Y
ClientSampleId :
SB06B

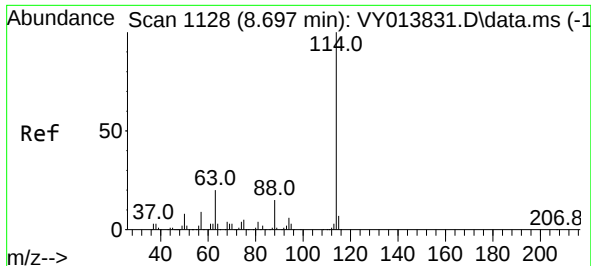
Tgt Ion: 43 Resp: 20426
Ion Ratio Lower Upper
43 100
72 23.1 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 54.798 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 65 Resp: 116652
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013843.D

Acq: 24 May 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

SB06B

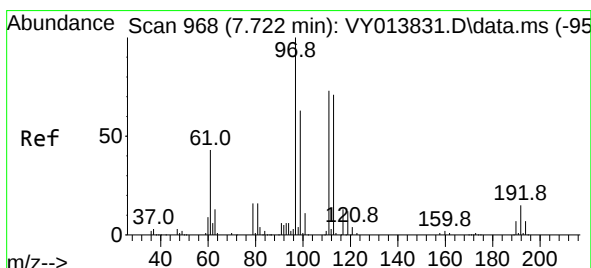
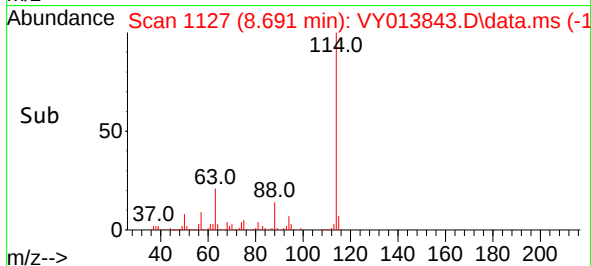
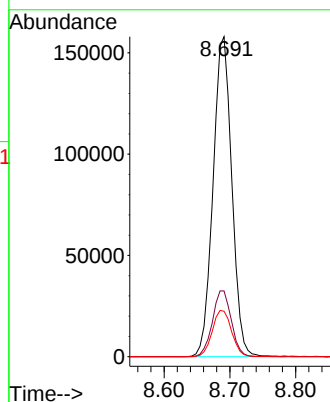
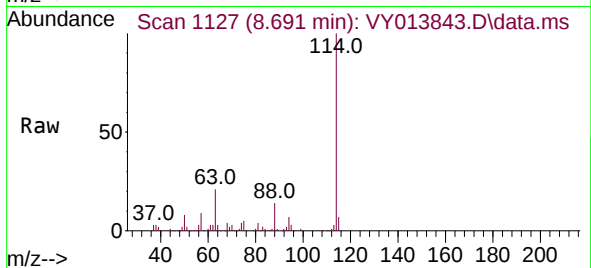
Tgt Ion:114 Resp: 313807

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 14.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 51.969 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013843.D

Acq: 24 May 2023 14:01

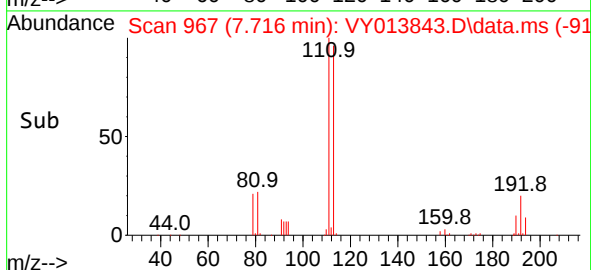
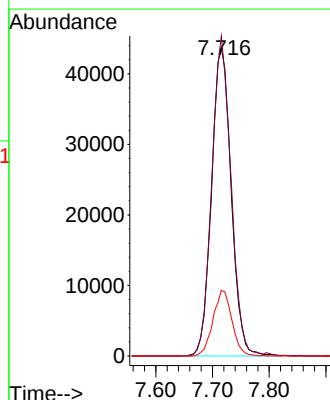
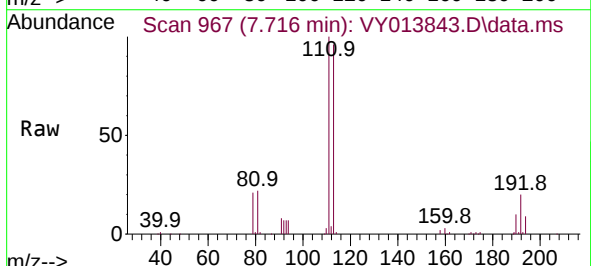
Tgt Ion:113 Resp: 105320

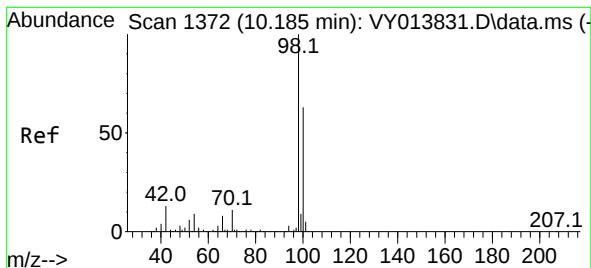
Ion Ratio Lower Upper

113 100

111 101.1 80.4 120.6

192 20.5 16.6 25.0





#50

Toluene-d8

Concen: 49.719 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013843.D

Acq: 24 May 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

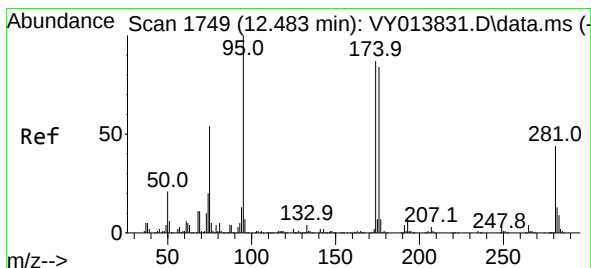
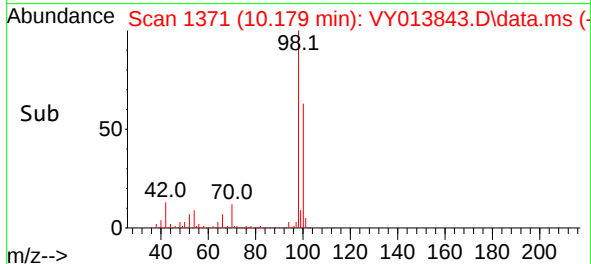
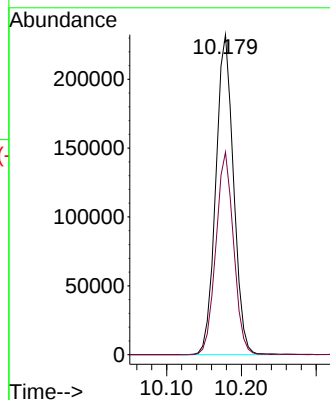
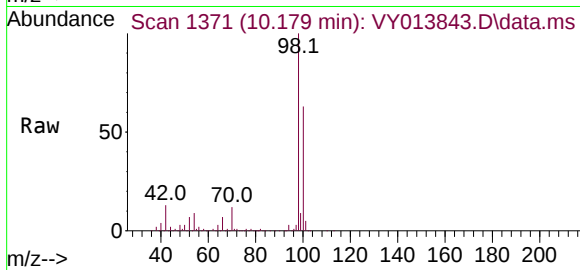
SB06B

Tgt Ion: 98 Resp: 382957

Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 47.641 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013843.D

Acq: 24 May 2023 14:01

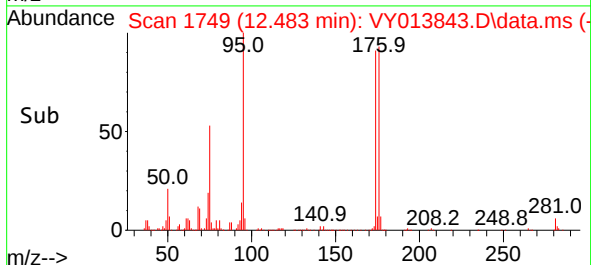
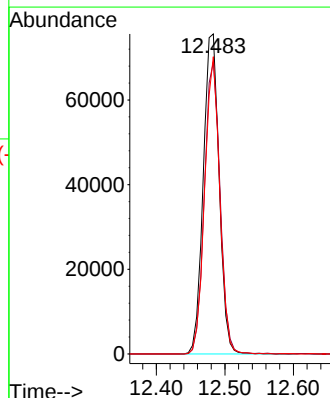
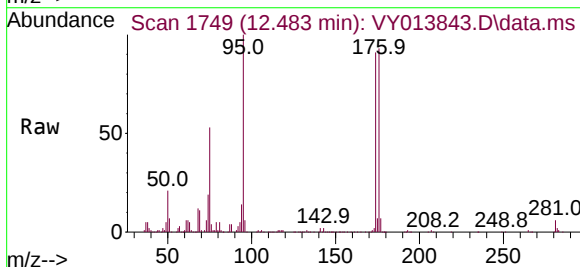
Tgt Ion: 95 Resp: 121975

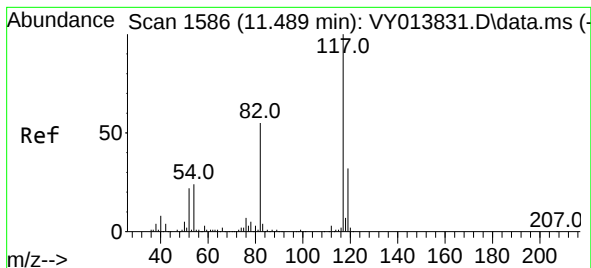
Ion Ratio Lower Upper

95 100

174 90.0 0.0 176.0

176 88.0 0.0 170.2

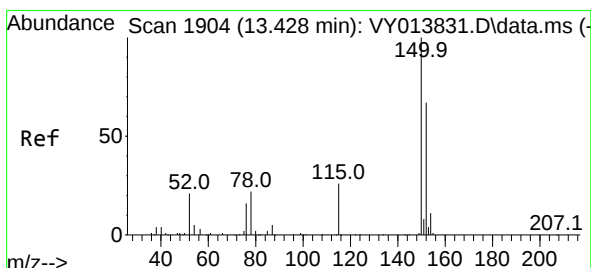
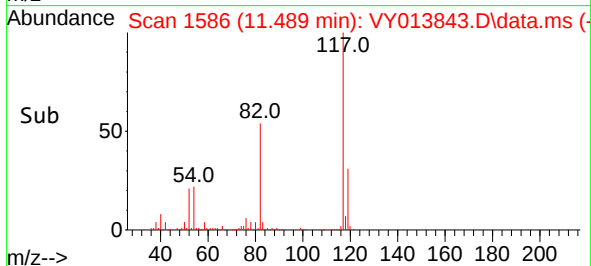
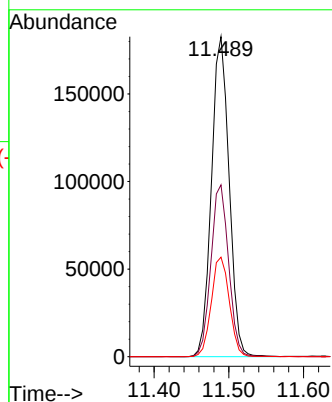
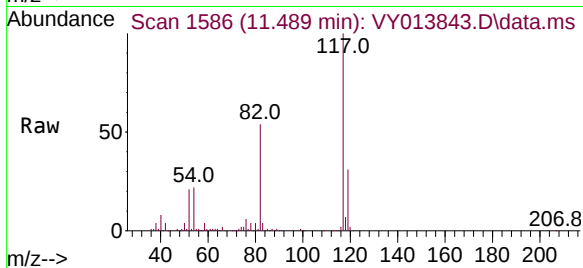




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Instrument :
MSVOA_Y
ClientSampleId :
SB06B

Tgt Ion:117 Resp: 299995
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion:152 Resp: 134344
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 156.2 0.0 353.4

