

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013847.D
 Acq On : 24 May 2023 15:35
 Operator : KP/MD
 Sample : 02899-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB06A

Quant Time: May 25 07:08:52 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)

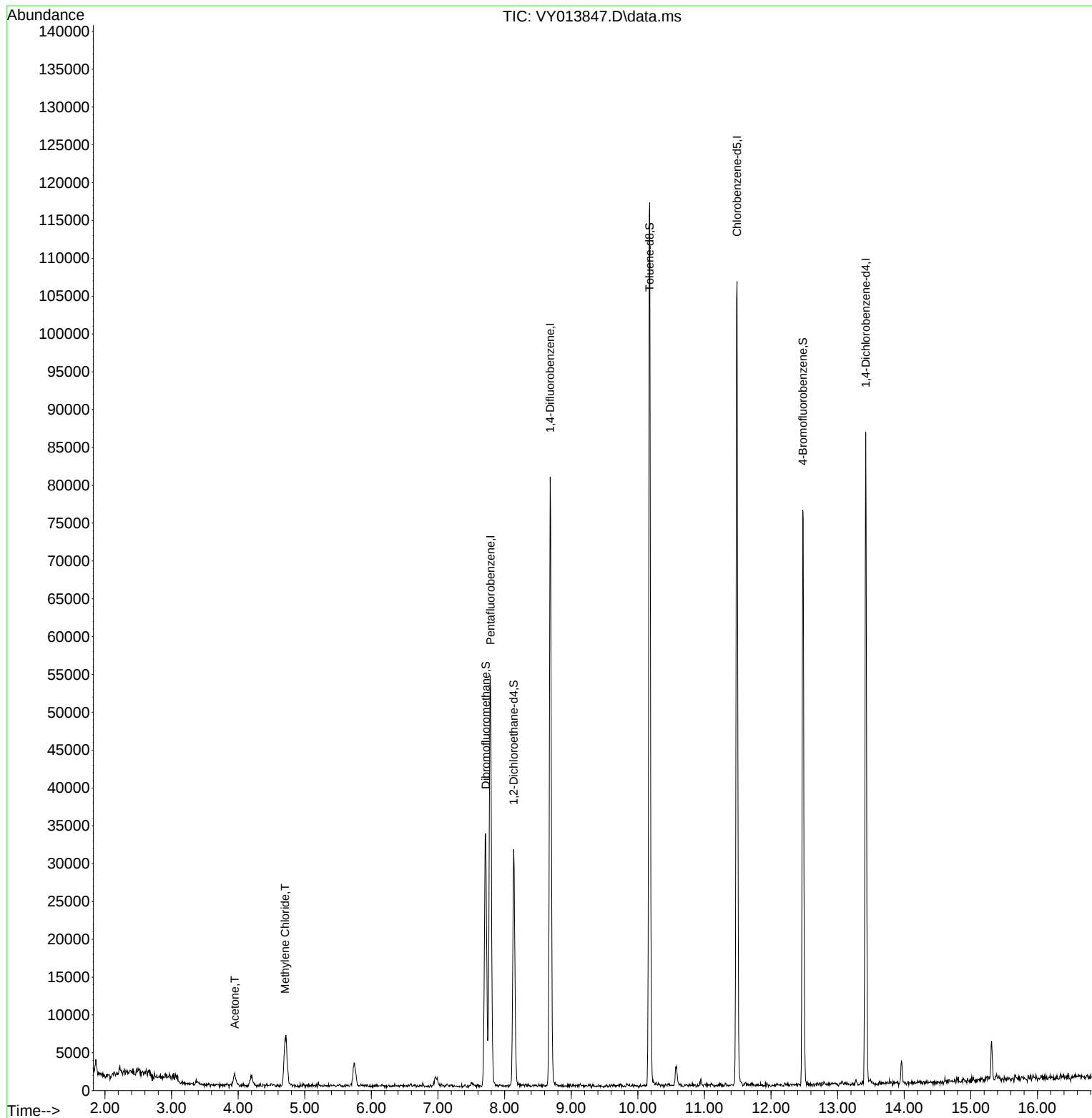
Internal Standards						
1) Pentafluorobenzene	7.789	168	43033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	66631	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	59715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25722	51.666	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.340%	
35) Dibromofluoromethane	7.716	113	23161	53.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.640%	
50) Toluene-d8	10.179	98	78353	47.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.477	95	20760	38.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.380%	
Target Compounds						Qvalue
16) Acetone	3.948	43	2439	16.506	ug/l #	86
20) Methylene Chloride	4.704	84	5010	7.399	ug/l #	84

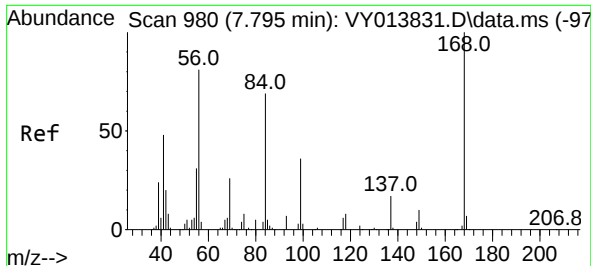
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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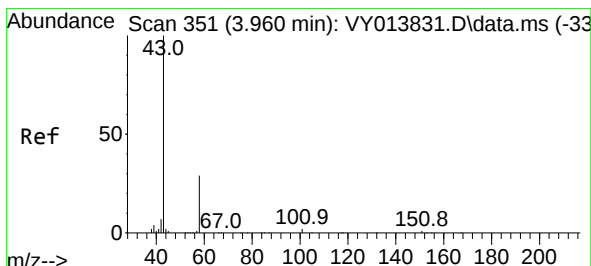
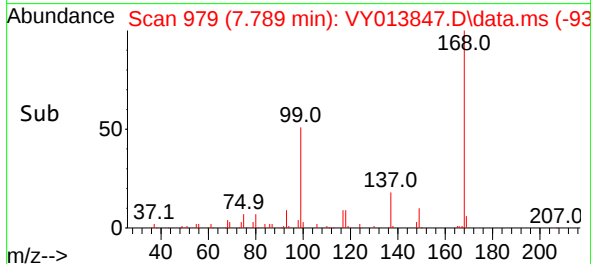
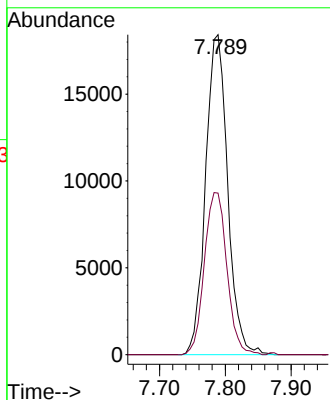
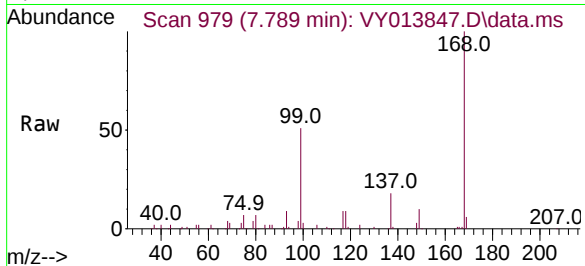




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

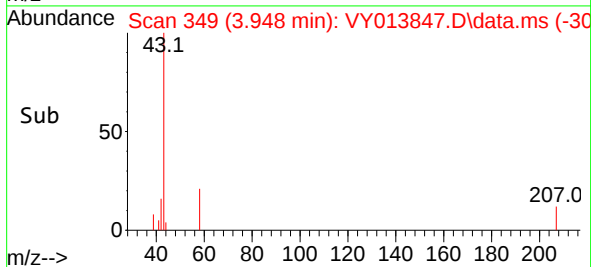
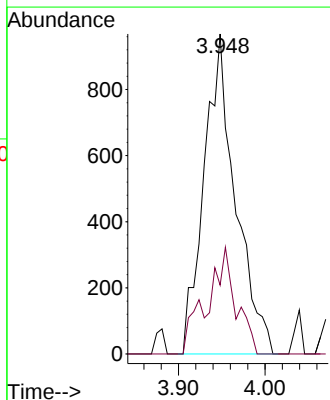
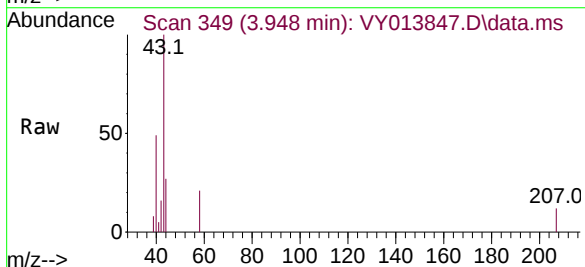
Instrument :
MSVOA_Y
ClientSampleId :
SB06A

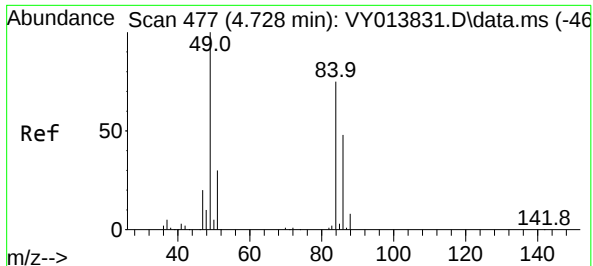
Tgt Ion:168 Resp: 43033
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.2



#16
Acetone
Concen: 16.506 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion: 43 Resp: 2439
Ion Ratio Lower Upper
43 100
58 21.5 23.3 34.9#

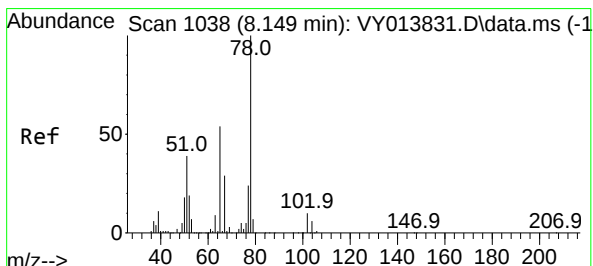
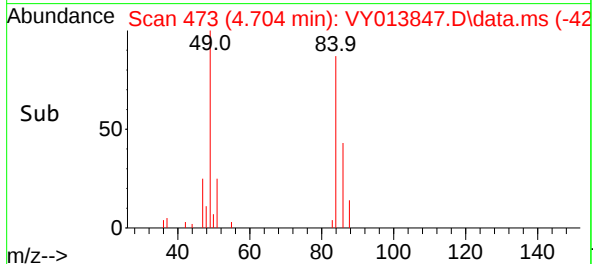
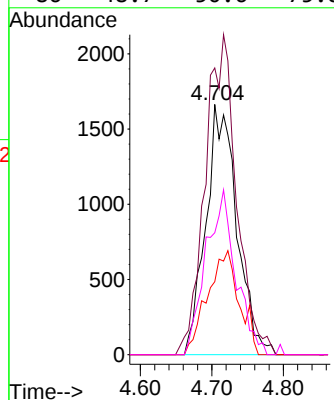
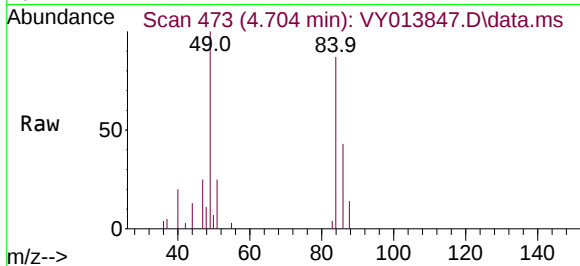




#20
Methylene Chloride
Concen: 7.399 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

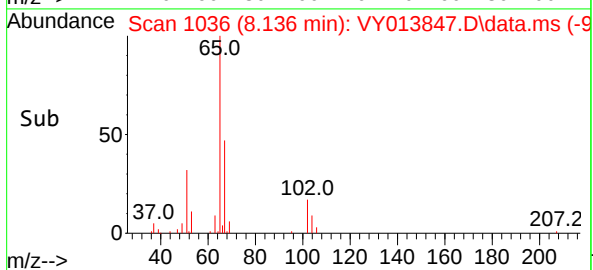
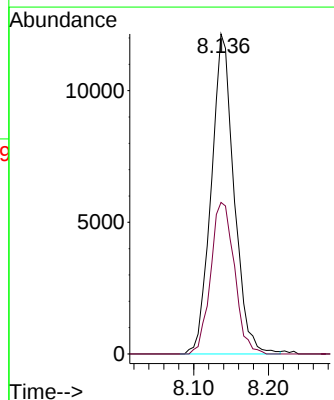
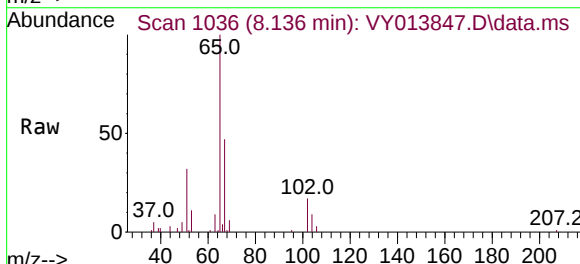
Instrument :
MSVOA_Y
ClientSampleId :
SB06A

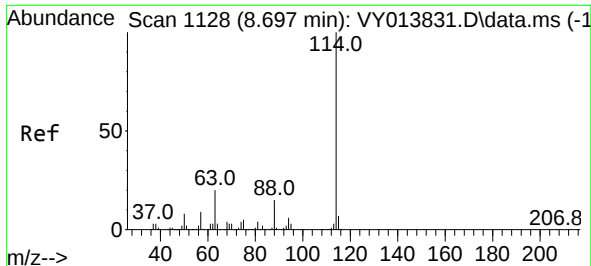
Tgt Ion:	84	Resp:	5010
Ion	Ratio	Lower	Upper
84	100		
49	114.6	106.2	159.2
51	29.1	31.4	47.0#
86	48.7	50.6	75.8#



#33
1,2-Dichloroethane-d4
Concen: 51.666 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion:	65	Resp:	25722
Ion	Ratio	Lower	Upper
65	100		
67	49.4	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: VY013847.D

Acq: 24 May 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

SB06A

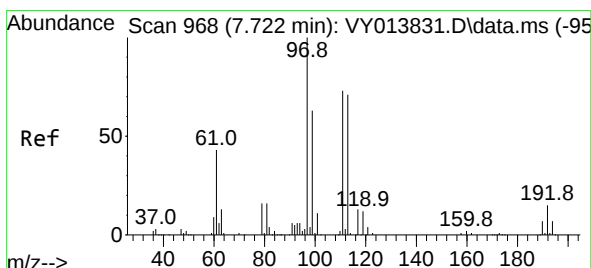
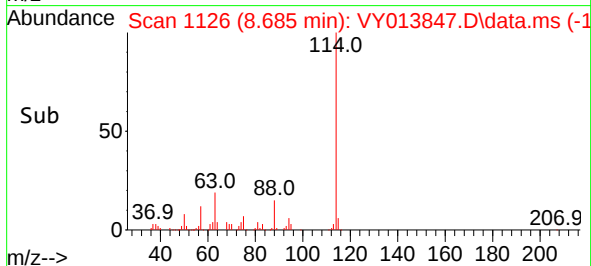
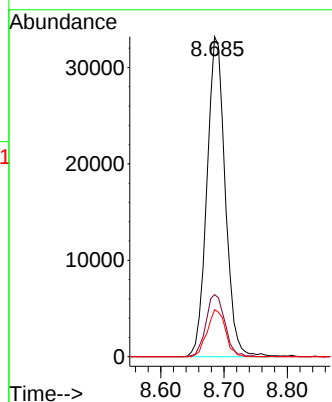
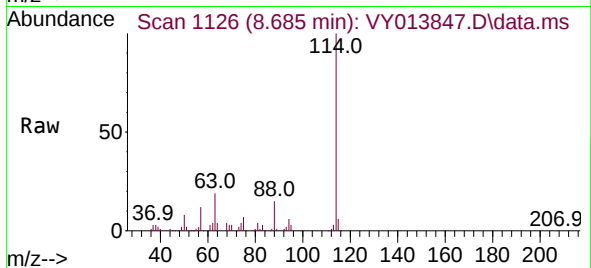
Tgt Ion:114 Resp: 66631

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 14.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.824 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013847.D

Acq: 24 May 2023 15:35

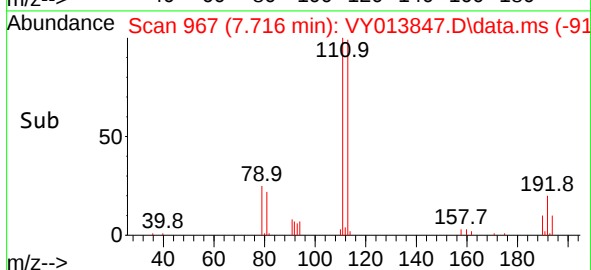
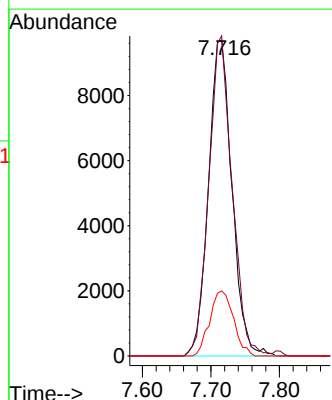
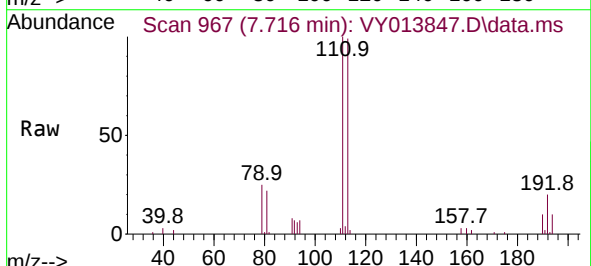
Tgt Ion:113 Resp: 23161

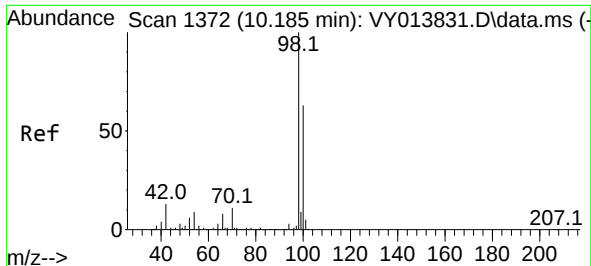
Ion Ratio Lower Upper

113 100

111 100.2 80.4 120.6

192 20.9 16.6 25.0

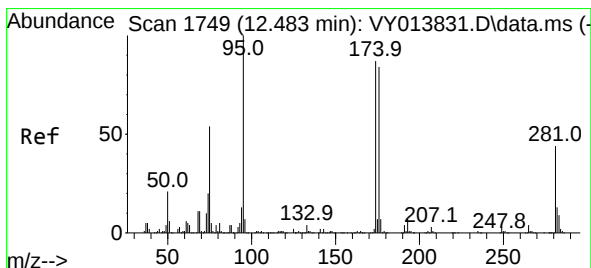
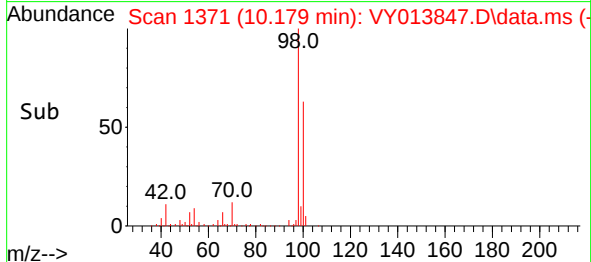
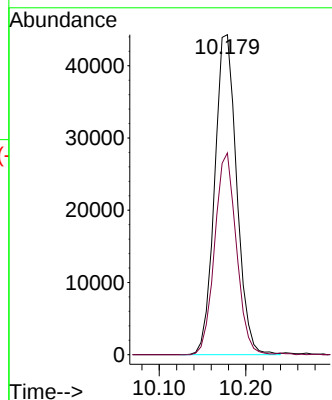
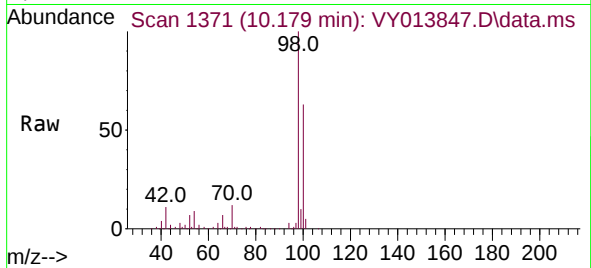




#50
Toluene-d8
Concen: 47.909 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

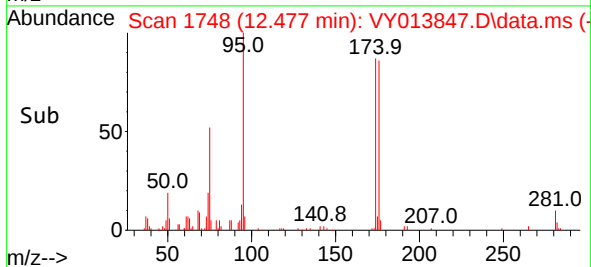
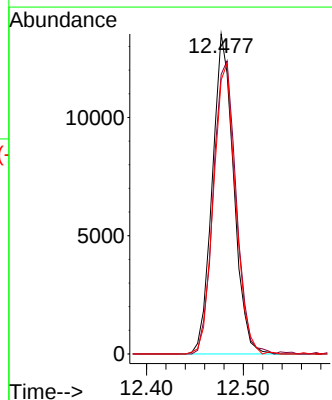
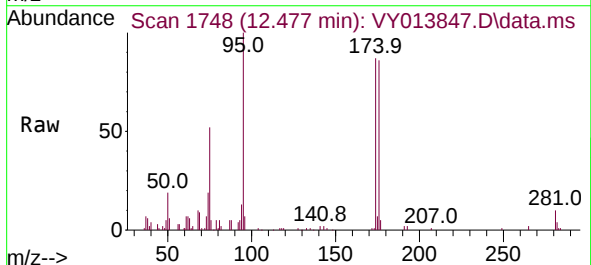
Instrument :
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ClientSampleId :
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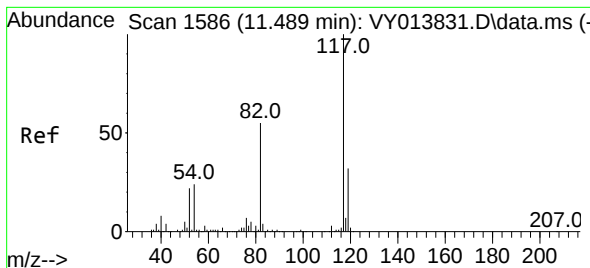
Tgt Ion: 98 Resp: 78353
Ion Ratio Lower Upper
98 100
100 62.0 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 38.188 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion: 95 Resp: 20760
Ion Ratio Lower Upper
95 100
174 97.3 0.0 176.0
176 93.7 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: VY013847.D

Acq: 24 May 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

SB06A

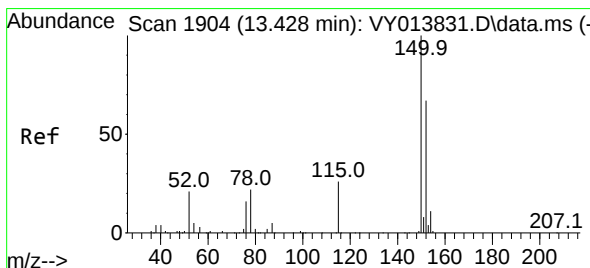
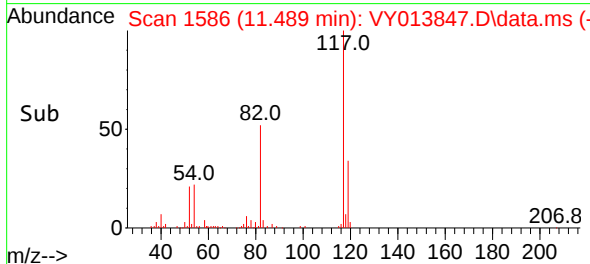
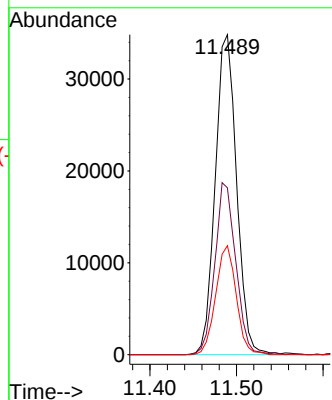
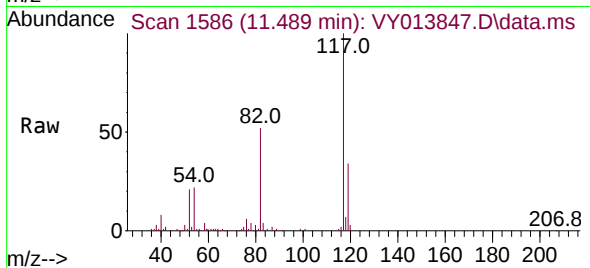
Tgt Ion:117 Resp: 59715

Ion Ratio Lower Upper

117 100

82 52.1 44.2 66.4

119 34.0 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: VY013847.D

Acq: 24 May 2023 15:35

Tgt Ion:152 Resp: 22334

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 159.4 0.0 353.4

