

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013856.D
 Acq On : 24 May 2023 19:06
 Operator : KP/MD
 Sample : 02908-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB09

Quant Time: May 25 07:10:07 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)

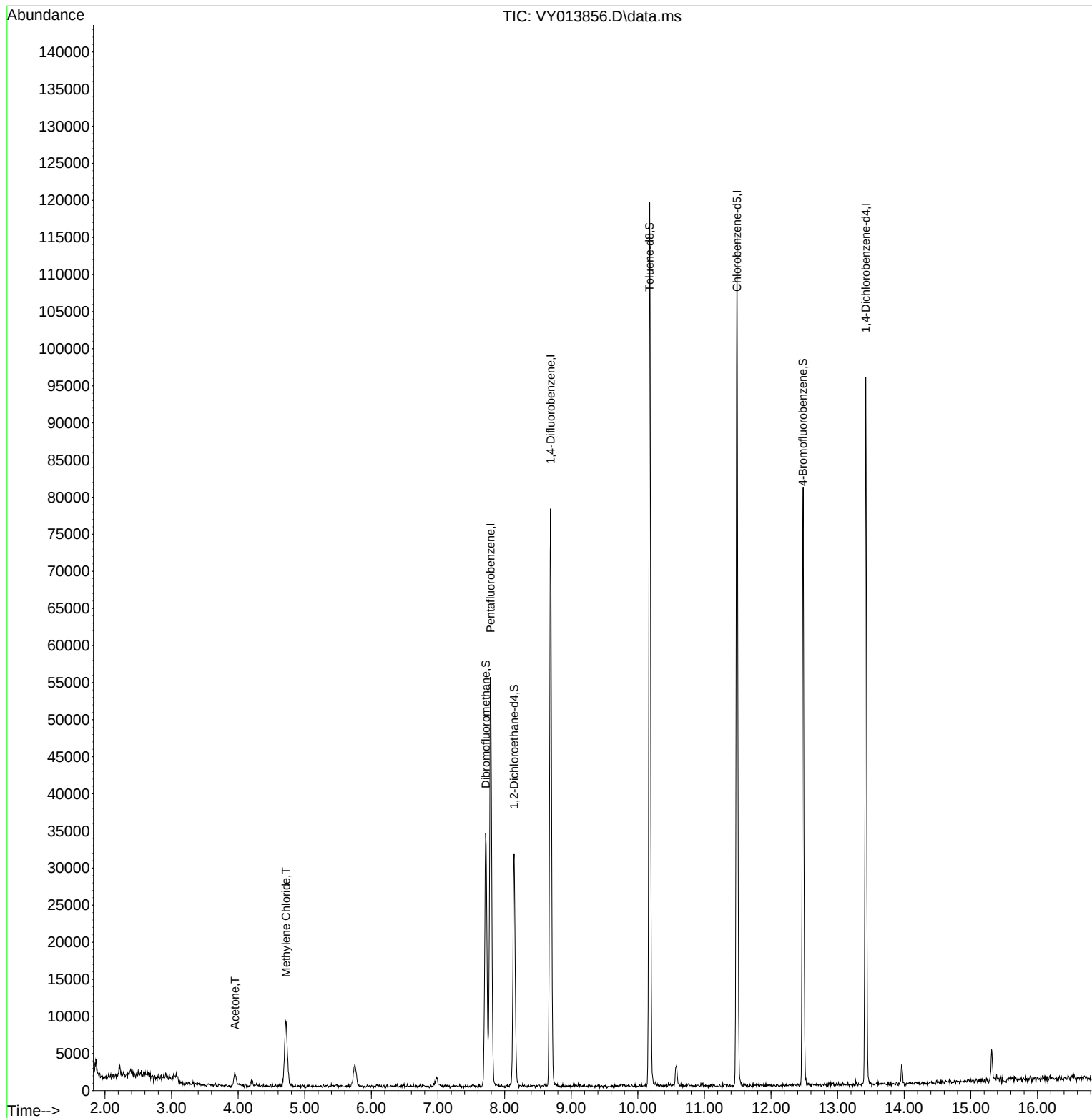
Internal Standards						
1) Pentafluorobenzene	7.789	168	41925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	64406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	61893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	26035	53.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.360%	
35) Dibromofluoromethane	7.716	113	23554	56.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.260%	
50) Toluene-d8	10.179	98	78278	49.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.477	95	21710	41.315	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.640%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3157	21.930	ug/l	91
20) Methylene Chloride	4.716	84	6401	10.536	ug/l #	87

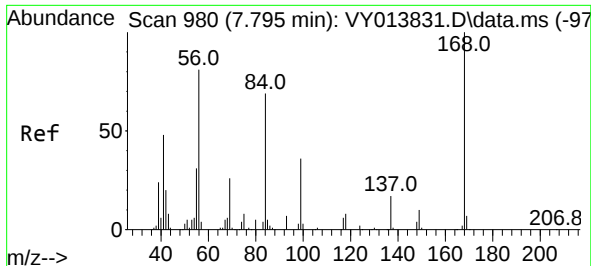
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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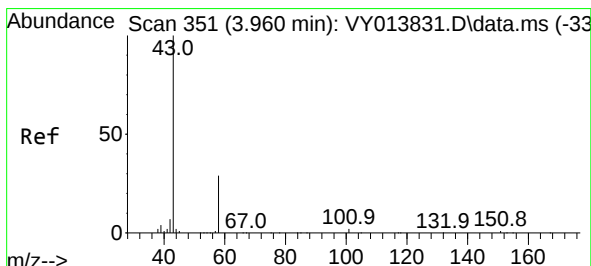
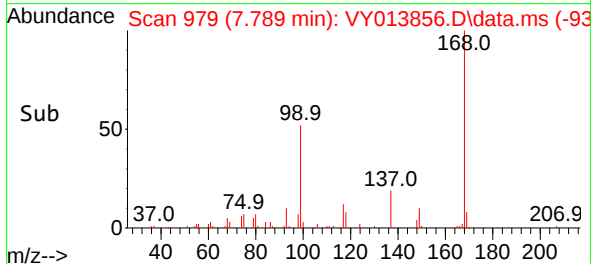
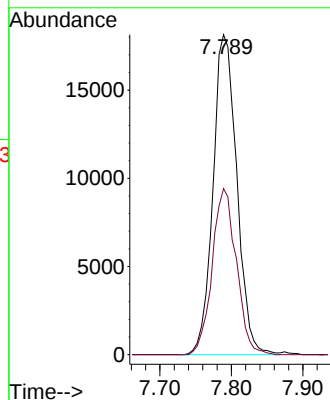
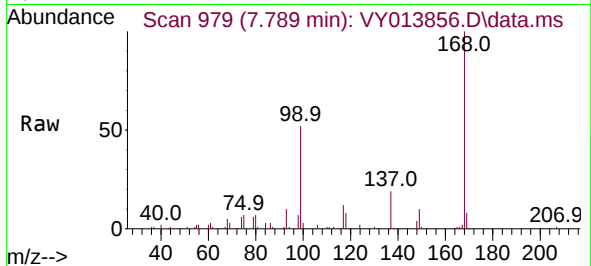




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

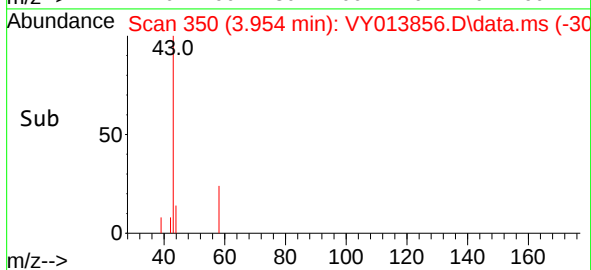
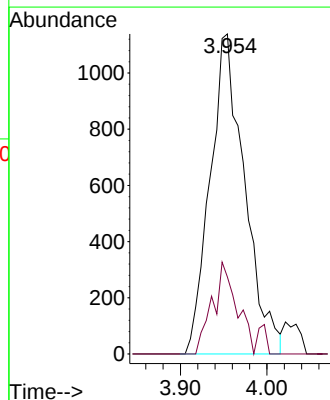
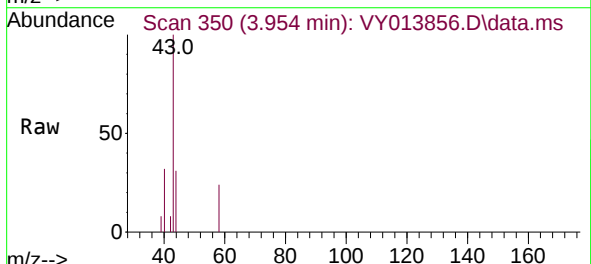
Instrument :
MSVOA_Y
ClientSampleId :
SB09

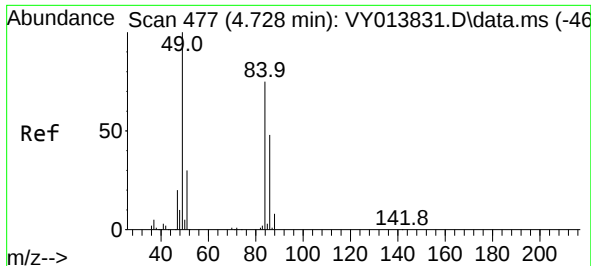
Tgt Ion:168 Resp: 41925
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.2



#16
Acetone
Concen: 21.930 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
58 24.1 23.3 34.9

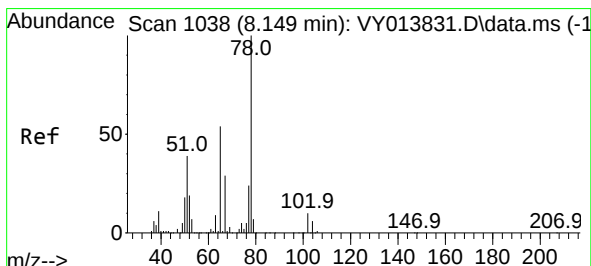
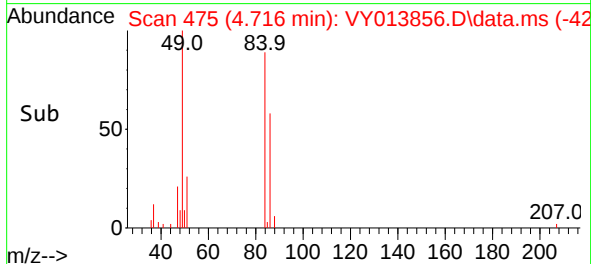
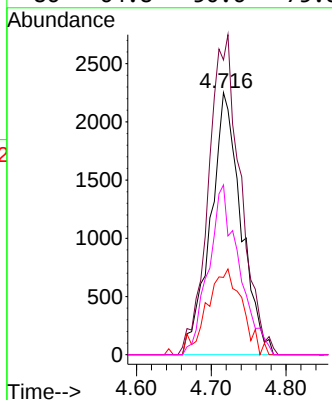
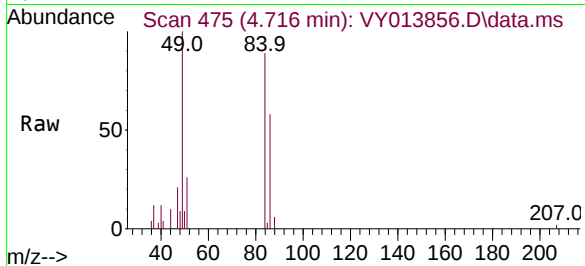




#20
Methylene Chloride
Concen: 10.536 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

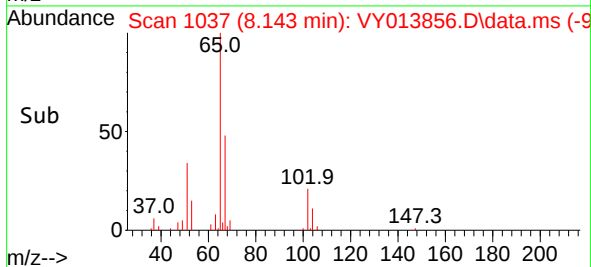
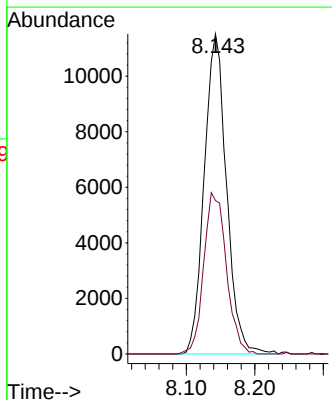
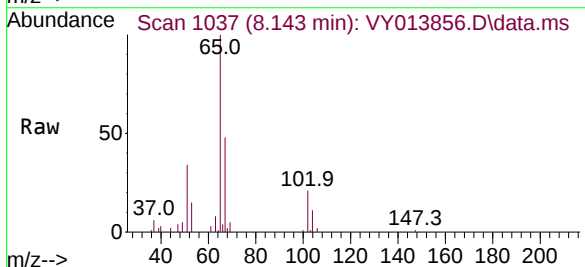
Instrument :
MSVOA_Y
ClientSampleId :
SB09

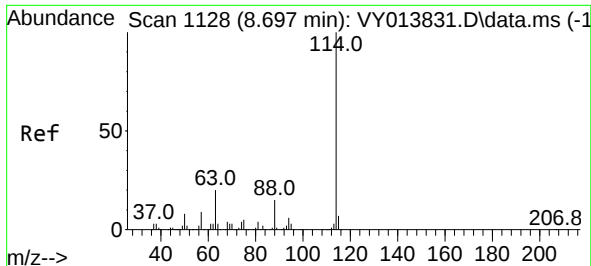
Tgt Ion:	84	Resp:	6401
Ion	Ratio	Lower	Upper
84	100		
49	112.5	106.2	159.2
51	29.5	31.4	47.0#
86	64.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 53.677 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Tgt Ion:	65	Resp:	26035
Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VY013856.D

Acq: 24 May 2023 19:06

Instrument :

MSVOA_Y

ClientSampleId :

SB09

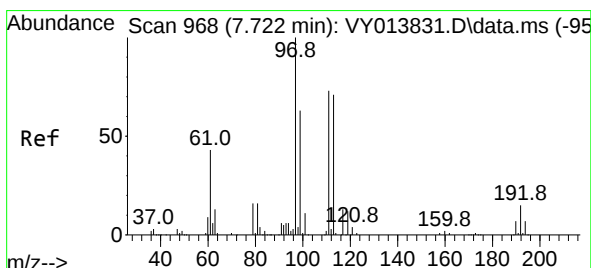
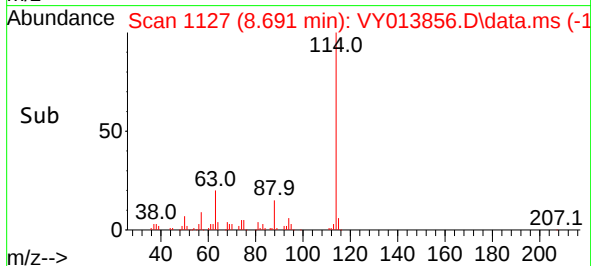
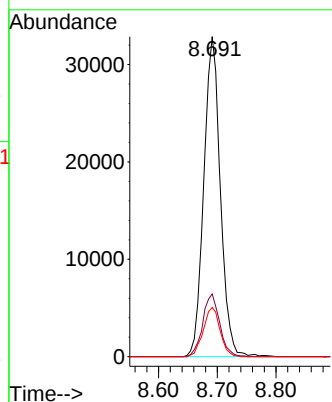
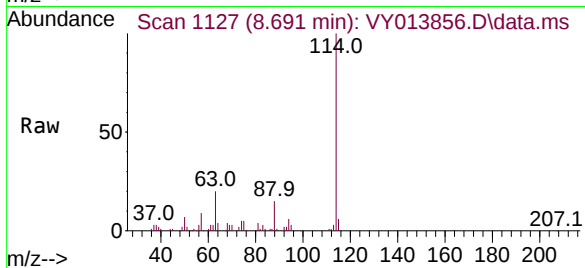
Tgt Ion:114 Resp: 64406

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.629 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013856.D

Acq: 24 May 2023 19:06

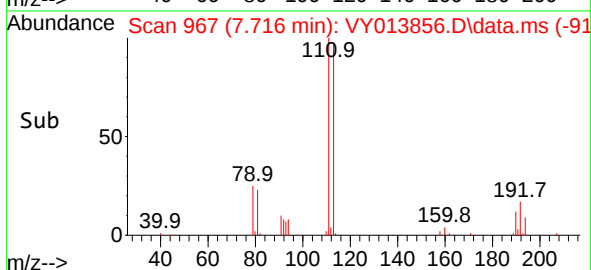
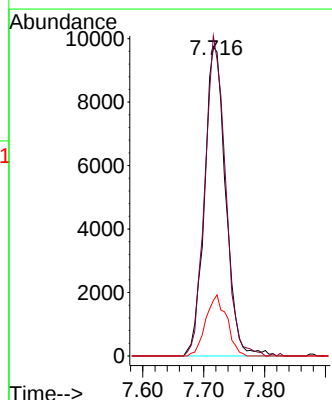
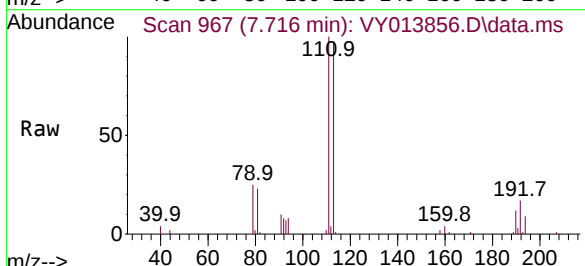
Tgt Ion:113 Resp: 23554

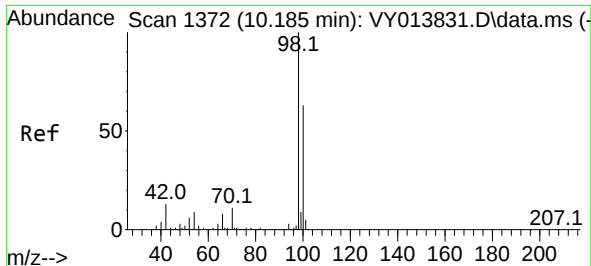
Ion Ratio Lower Upper

113 100

111 100.5 80.4 120.6

192 19.6 16.6 25.0

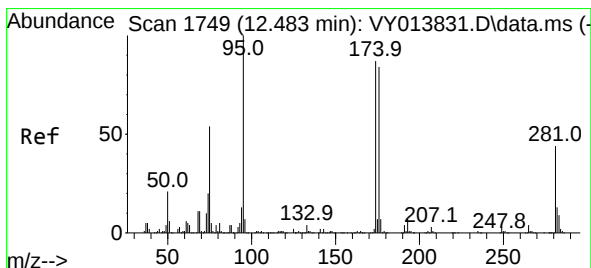
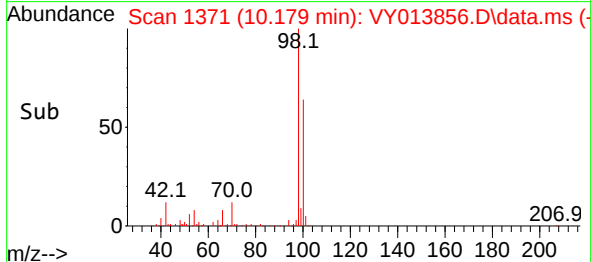
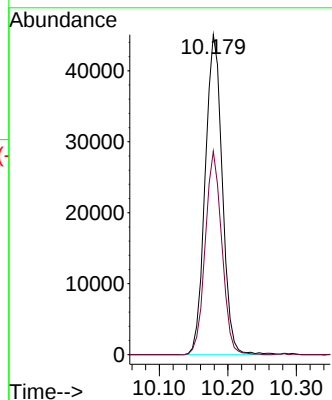
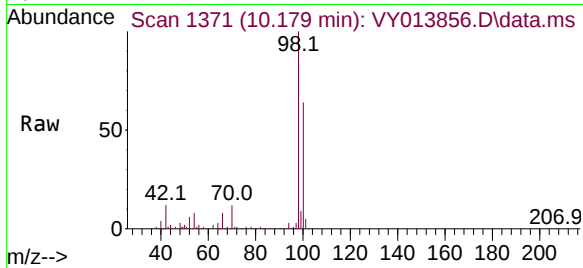




#50
Toluene-d8
Concen: 49.517 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

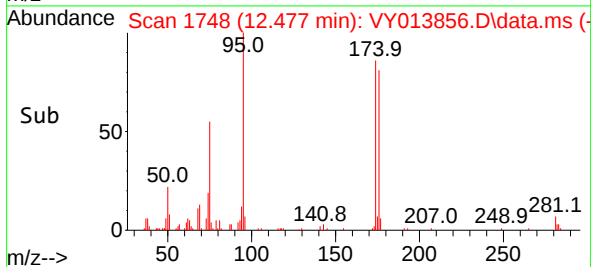
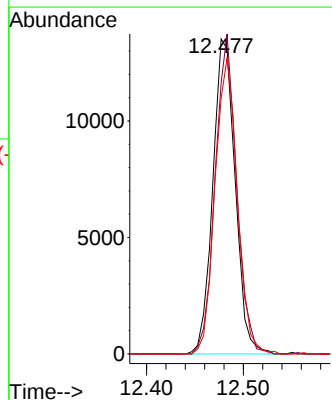
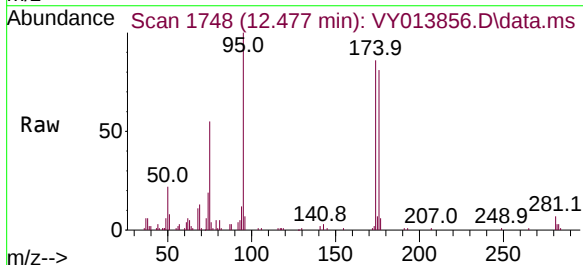
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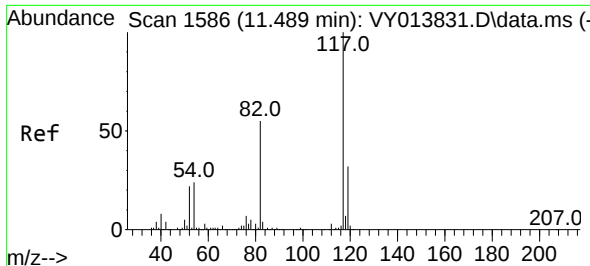
Tgt Ion: 98 Resp: 78278
Ion Ratio Lower Upper
98 100
100 61.6 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 41.315 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Tgt Ion: 95 Resp: 21710
Ion Ratio Lower Upper
95 100
174 96.7 0.0 176.0
176 93.6 0.0 170.2

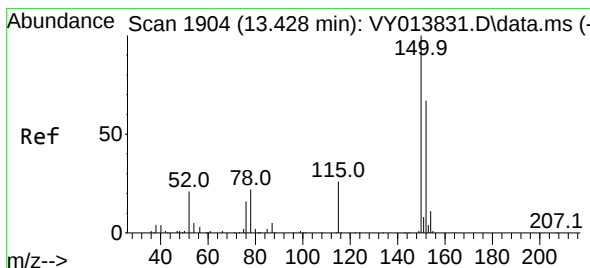
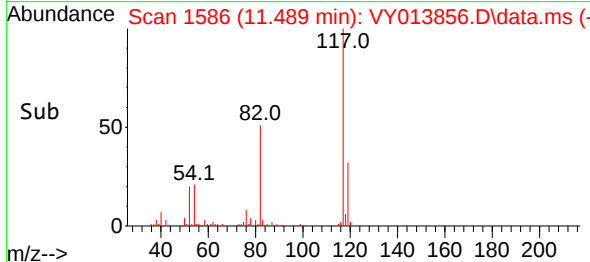
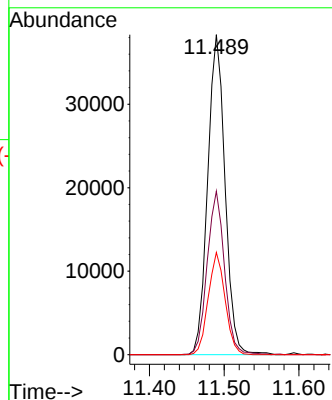
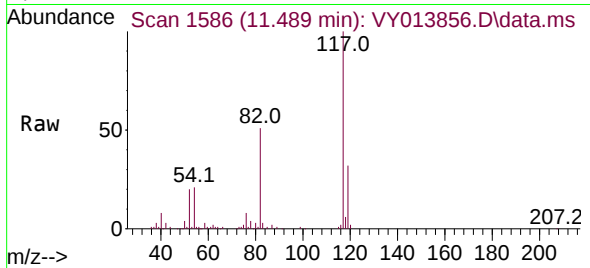




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Instrument :
MSVOA_Y
ClientSampleId :
SB09

Tgt Ion:117 Resp: 61893
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.4
119 32.0 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: VY013856.D
Acq: 24 May 2023 19:06

Tgt Ion:152 Resp: 24797
Ion Ratio Lower Upper
152 100
115 55.8 28.8 86.5
150 155.2 0.0 353.4

