

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013635.D
 Acq On : 05 May 2023 19:02
 Operator : KP/MD
 Sample : 02588-12
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-D-6-9-05022023

Quant Time: May 08 00:26:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

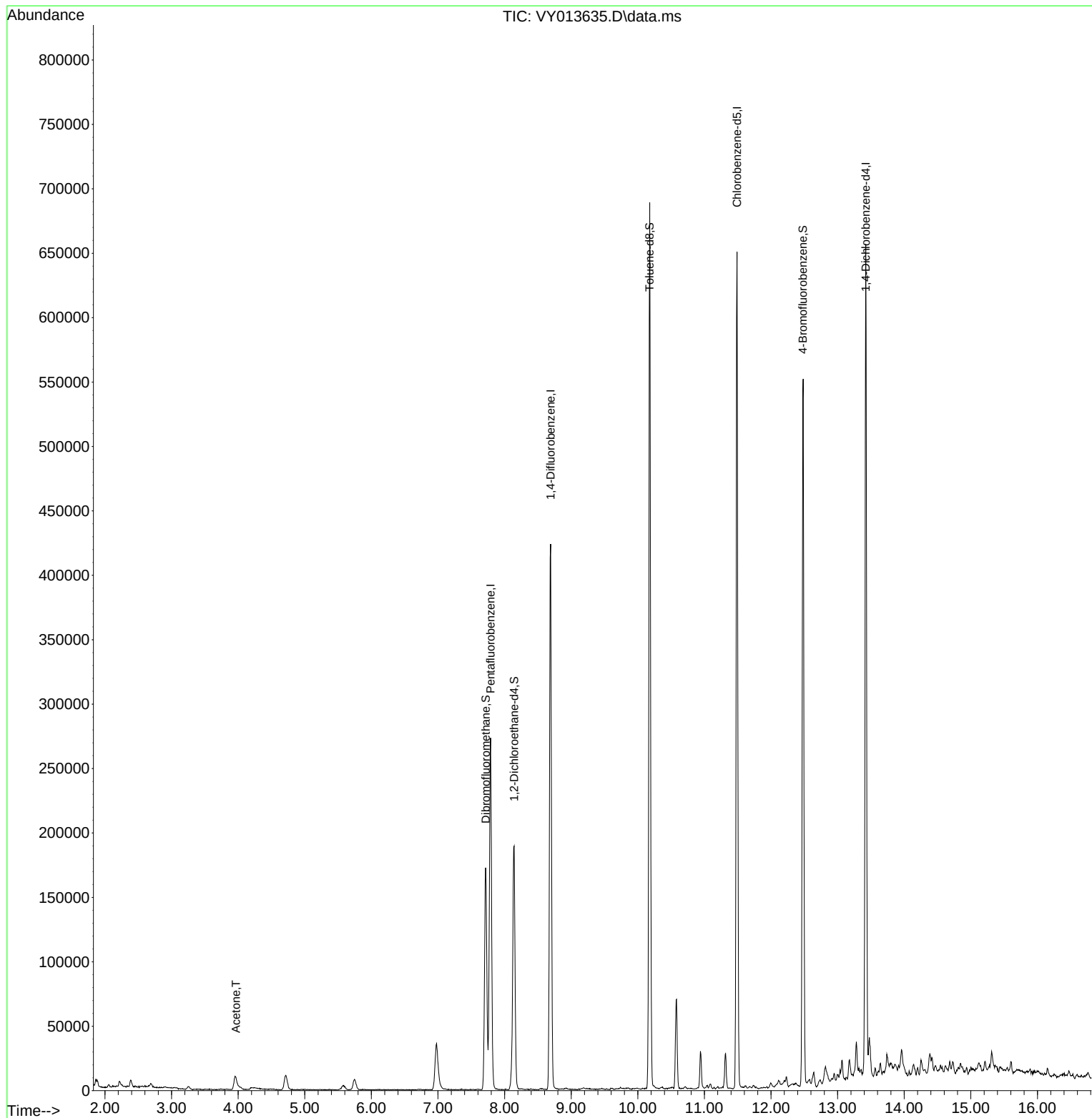
Internal Standards						
1) Pentafluorobenzene	7.789	168	211167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	348207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152920	66.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.120%	
35) Dibromofluoromethane	7.716	113	119940	53.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.140%	
50) Toluene-d8	10.179	98	432865	54.348	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.700%	
62) 4-Bromofluorobenzene	12.477	95	148896	55.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.900%	
Target Compounds						
16) Acetone	3.966	43	24188	26.533	ug/l	Qvalue # 85

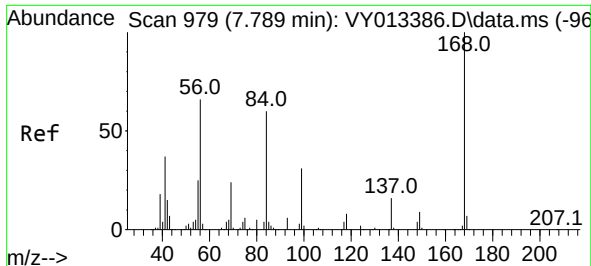
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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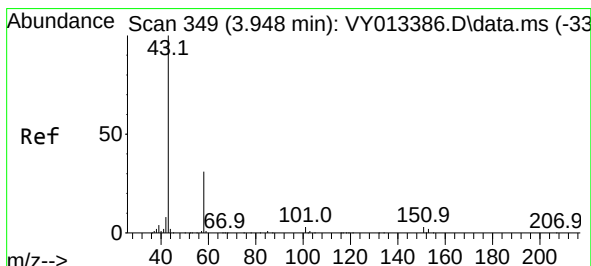
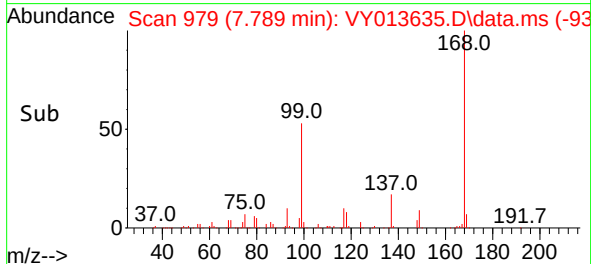
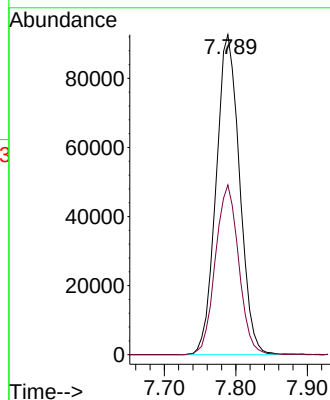
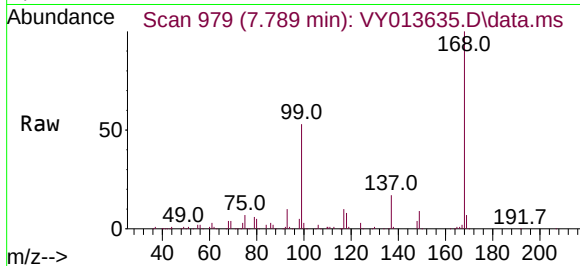




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013635.D
Acq: 05 May 2023 19:02

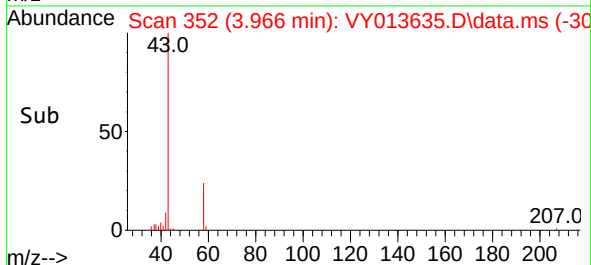
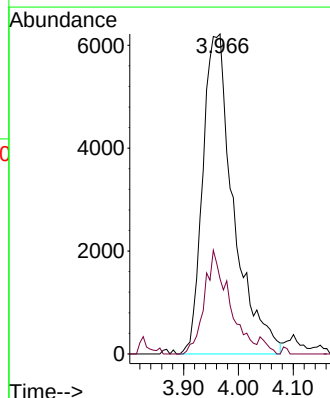
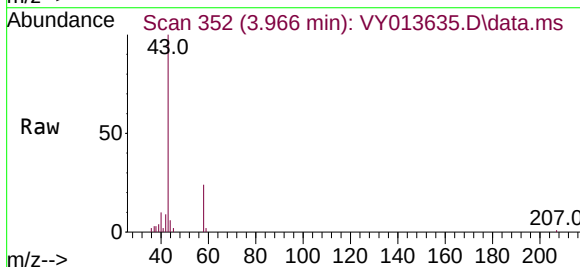
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-6-9-05022023

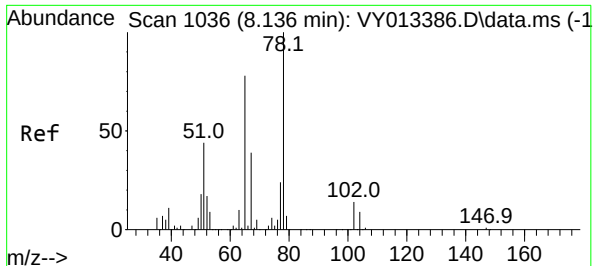
Tgt Ion:168 Resp: 211167
Ion Ratio Lower Upper
168 100
99 53.1 41.8 62.6



#16
Acetone
Concen: 26.533 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY013635.D
Acq: 05 May 2023 19:02

Tgt Ion: 43 Resp: 24188
Ion Ratio Lower Upper
43 100
58 23.5 25.4 38.0#

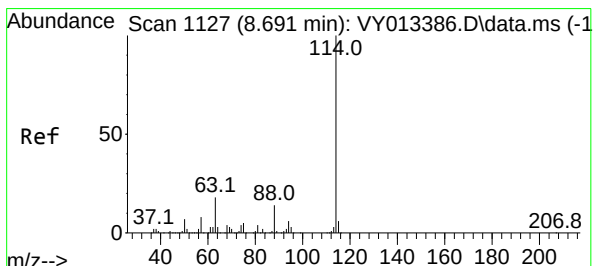
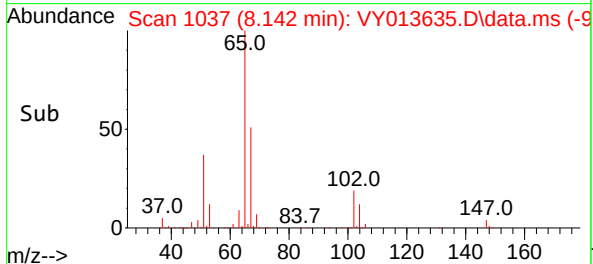
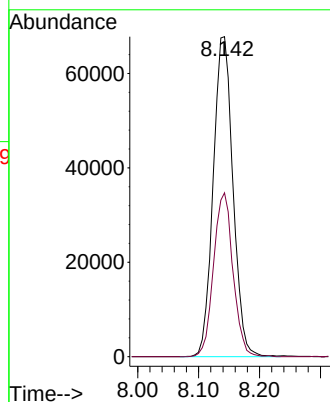
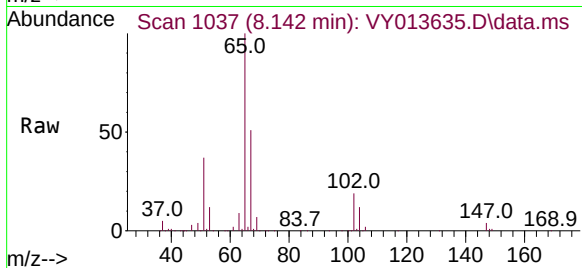




#33
 1,2-Dichloroethane-d4
 Concen: 66.060 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY013635.D
 Acq: 05 May 2023 19:02

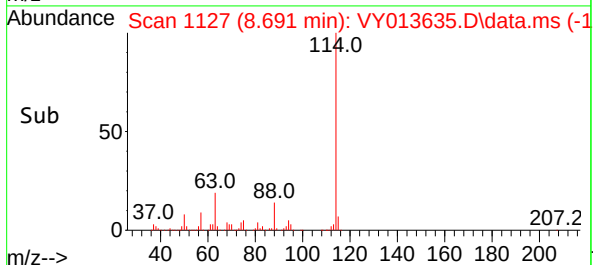
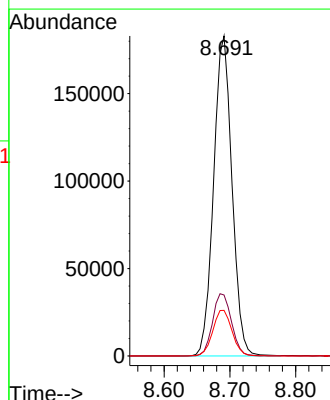
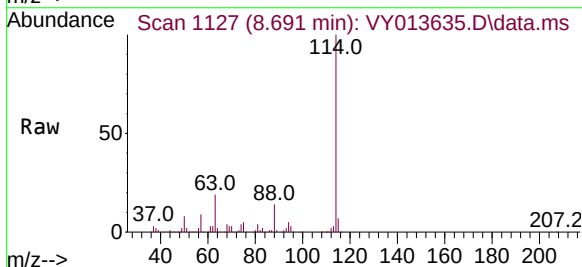
Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-D-6-9-05022023

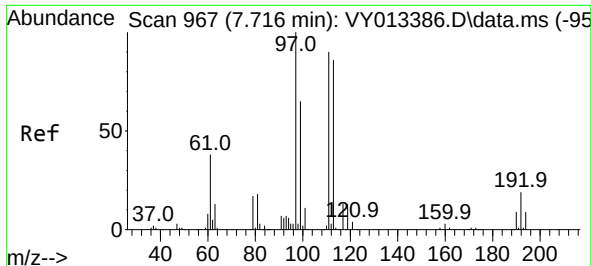
Tgt Ion: 65 Resp: 152920
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013635.D
 Acq: 05 May 2023 19:02

Tgt Ion: 114 Resp: 355971
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.6
 88 14.3 0.0 28.8

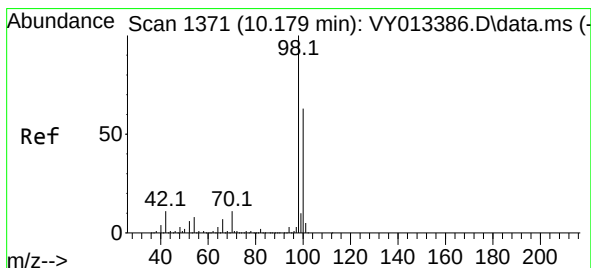
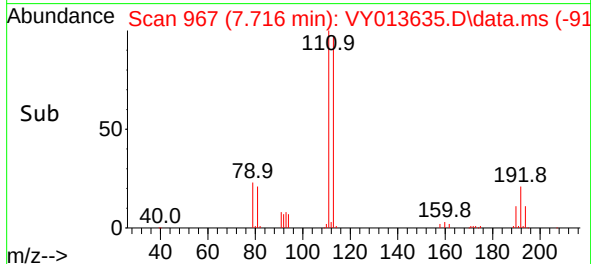
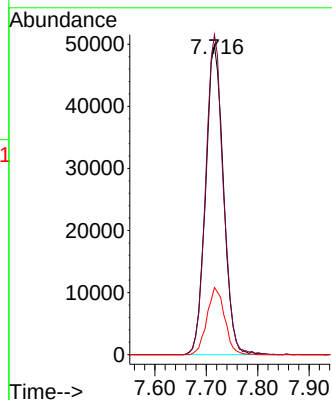
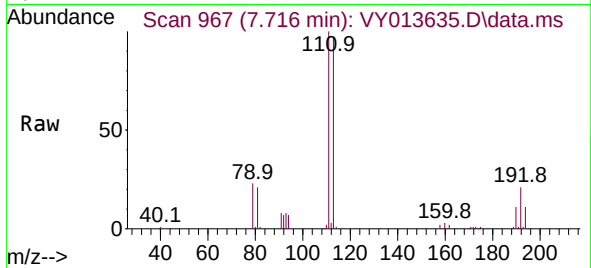




#35
Dibromofluoromethane
Concen: 53.571 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013635.D
Acq: 05 May 2023 19:02

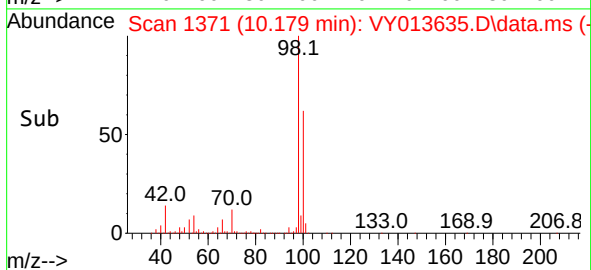
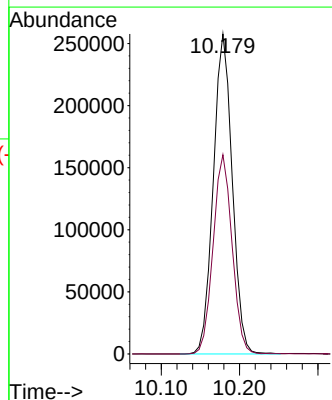
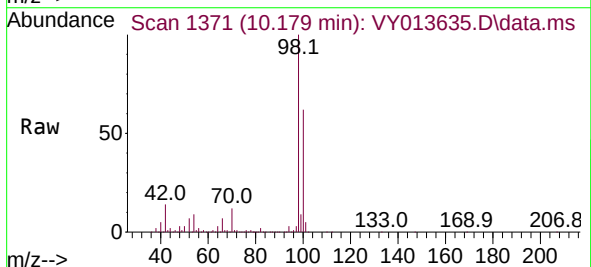
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-6-9-05022023

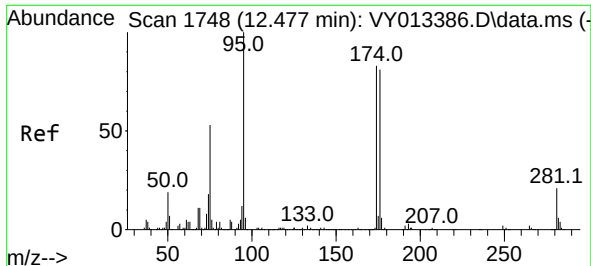
Tgt Ion:113 Resp: 119940
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 21.6 16.7 25.1



#50
Toluene-d8
Concen: 54.348 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013635.D
Acq: 05 May 2023 19:02

Tgt Ion: 98 Resp: 432865
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7

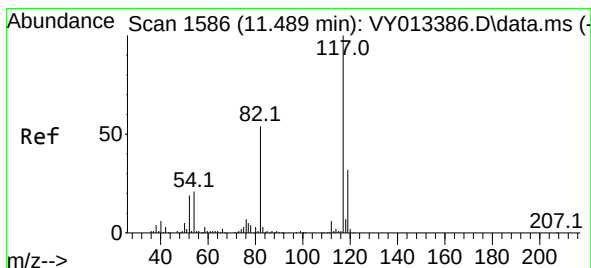
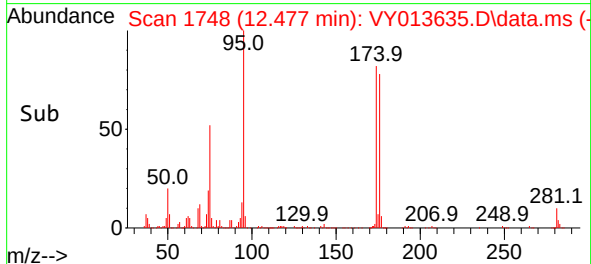
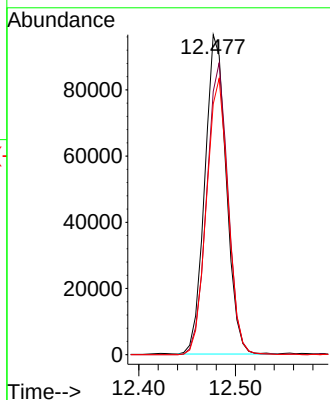
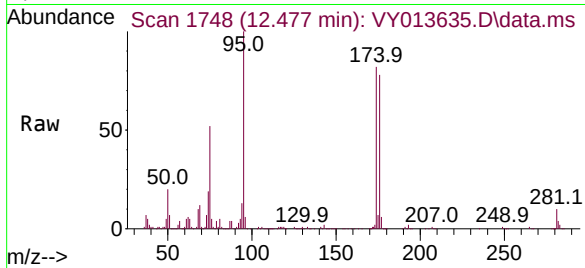




#62
4-Bromofluorobenzene
Concen: 55.453 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013635.D
Acq: 05 May 2023 19:02

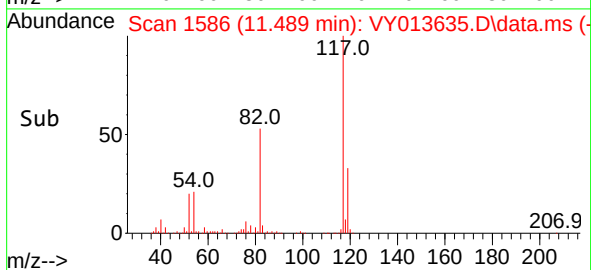
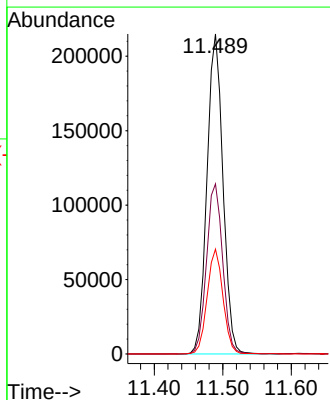
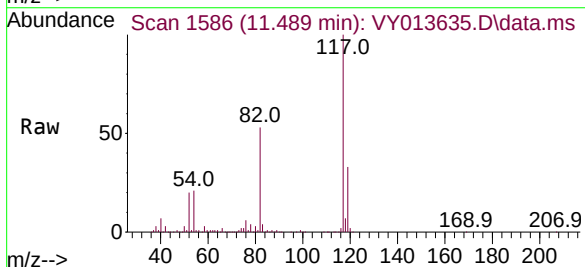
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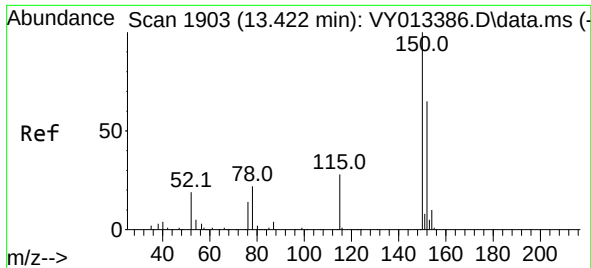
Tgt Ion: 95 Resp: 148896
Ion Ratio Lower Upper
95 100
174 91.1 0.0 182.0
176 87.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013635.D
Acq: 05 May 2023 19:02

Tgt Ion: 117 Resp: 348207
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.6
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013635.D

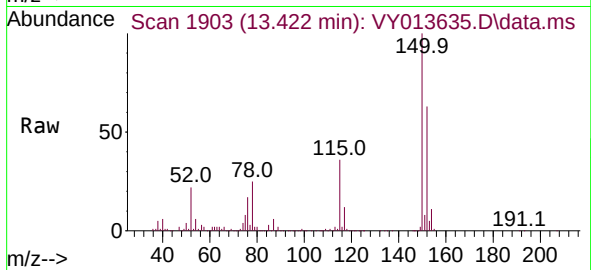
Acq: 05 May 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 164809

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 155.5 0.0 352.0

