

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015541.D
 Acq On : 14 Sep 2023 18:14
 Operator : SY/MD
 Sample : 04397-01
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B103-06(16.5-17)

Quant Time: Sep 15 04:04:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

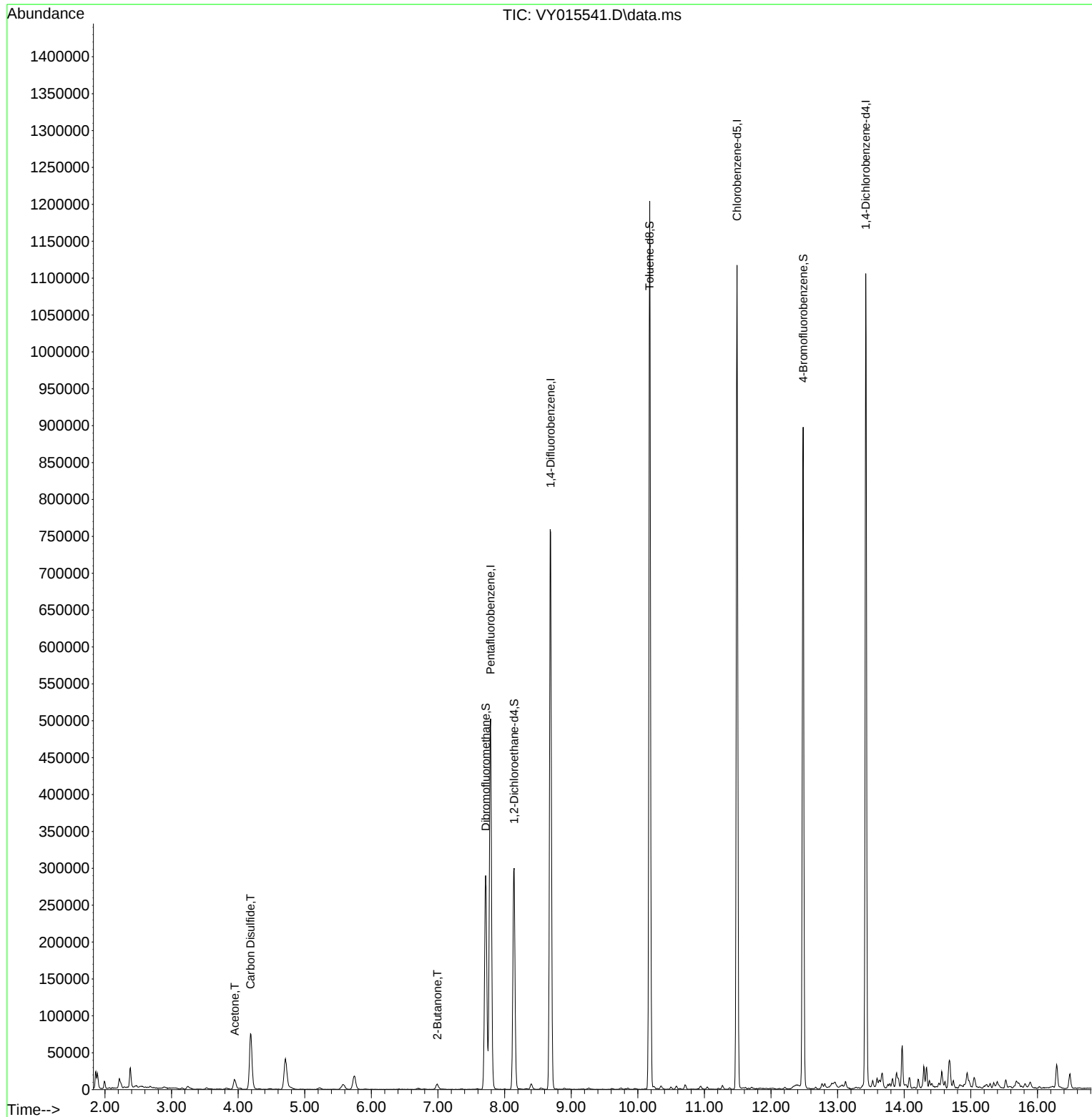
Internal Standards						
1) Pentafluorobenzene	7.789	168	400095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	661681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	591035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	276807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	235643	54.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.880%	
35) Dibromofluoromethane	7.716	113	205496	53.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.840%	
50) Toluene-d8	10.179	98	762908	55.277	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.560%	
62) 4-Bromofluorobenzene	12.483	95	266441	52.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	23755	13.270	ug/l	91
17) Carbon Disulfide	4.186	76	156020	13.122	ug/l	99
25) 2-Butanone	6.990	43	8951	3.525	ug/l	100

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

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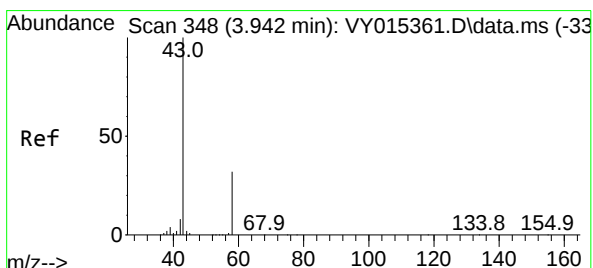
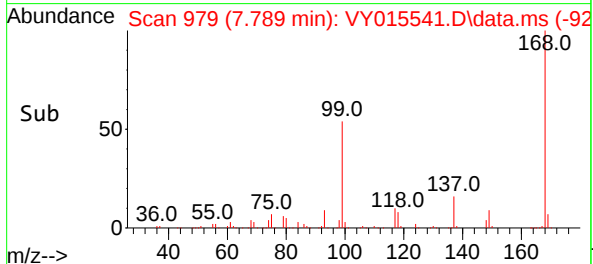
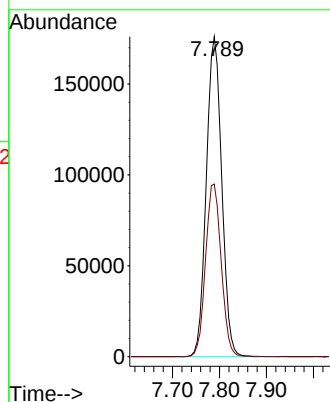
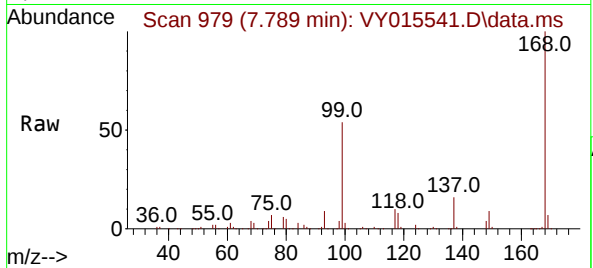




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015541.D
Acq: 14 Sep 2023 18:14

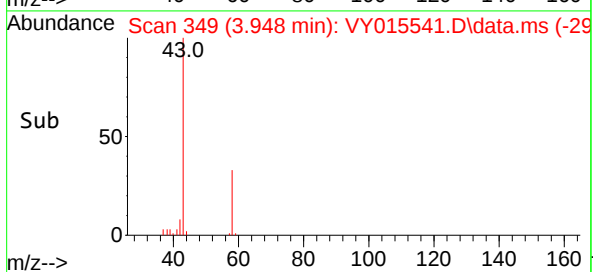
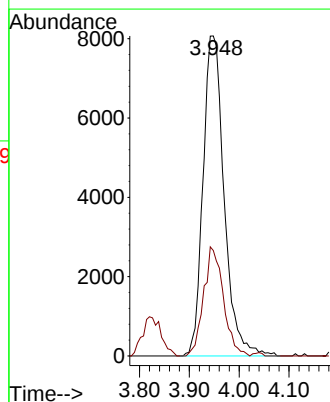
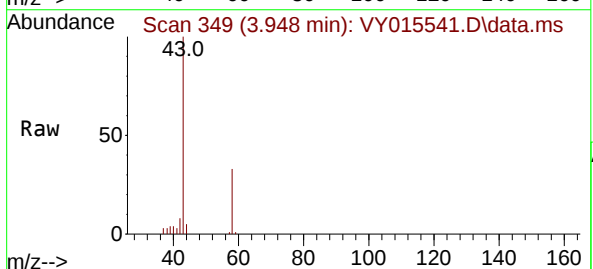
Instrument :
MSVOA_Y
ClientSampleId :
B103-06(16.5-17)

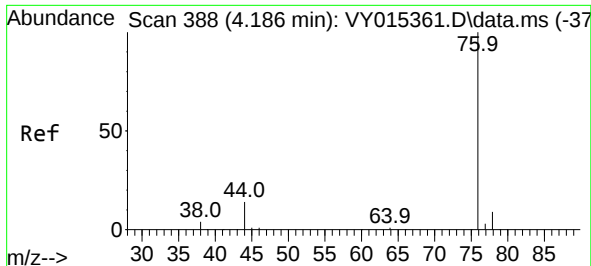
Tgt Ion:168 Resp: 400095
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 13.270 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015541.D
Acq: 14 Sep 2023 18:14

Tgt Ion: 43 Resp: 23755
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

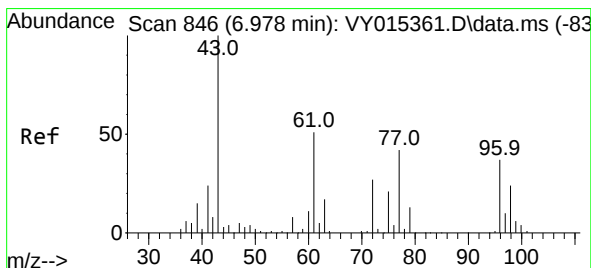
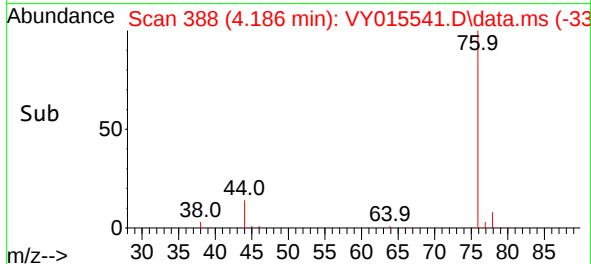
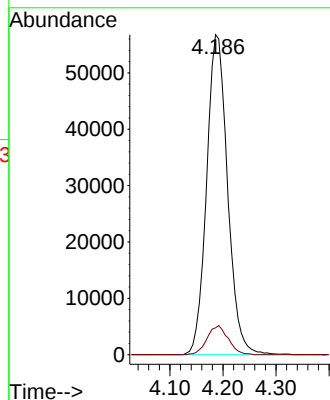
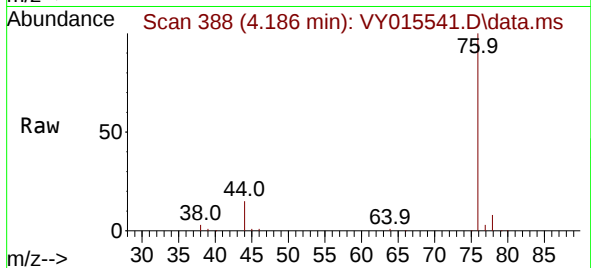




#17
Carbon Disulfide
Concen: 13.122 ug/l
RT: 4.186 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY015541.D
Acq: 14 Sep 2023 18:14

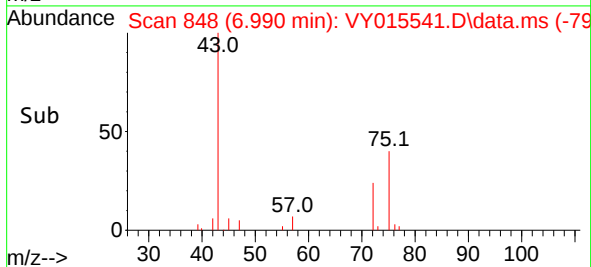
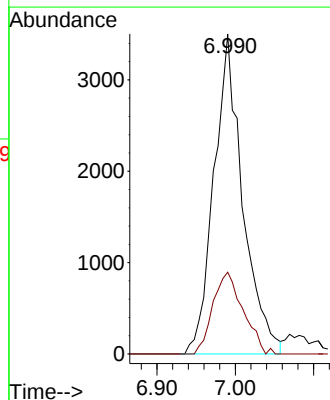
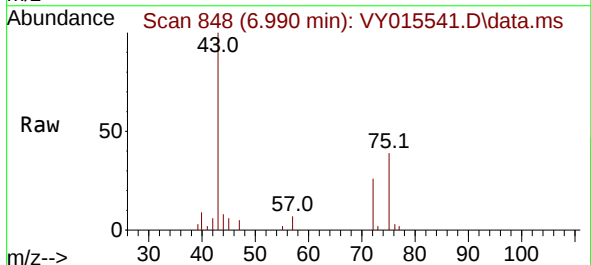
Instrument :
MSVOA_Y
ClientSampleId :
B103-06(16.5-17)

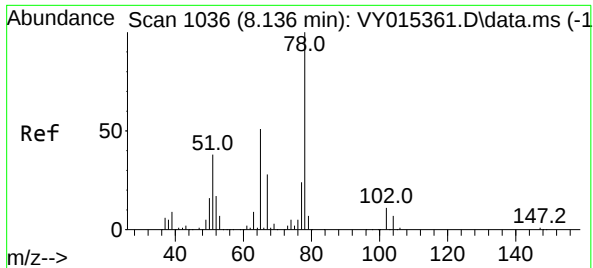
Tgt Ion: 76 Resp: 156020
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#25
2-Butanone
Concen: 3.525 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015541.D
Acq: 14 Sep 2023 18:14

Tgt Ion: 43 Resp: 8951
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 54.942 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015541.D

Acq: 14 Sep 2023 18:14

Instrument :

MSVOA_Y

ClientSampleId :

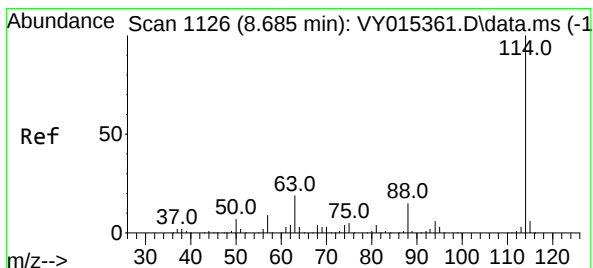
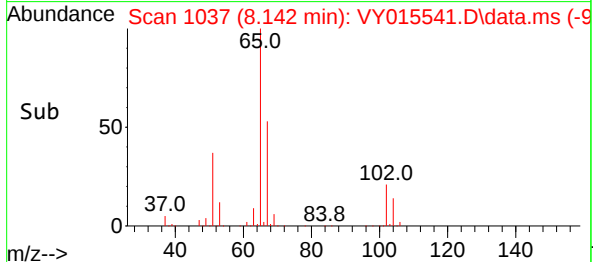
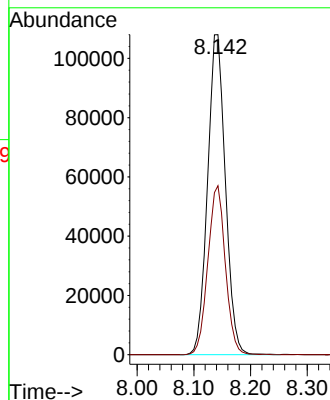
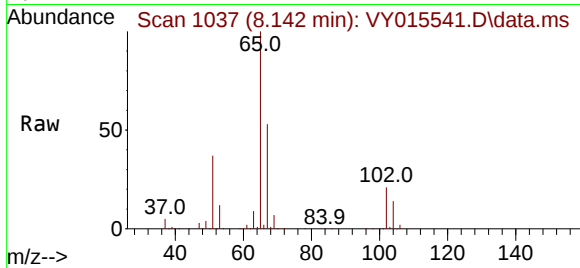
B103-06(16.5-17)

Tgt Ion: 65 Resp: 235643

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015541.D

Acq: 14 Sep 2023 18:14

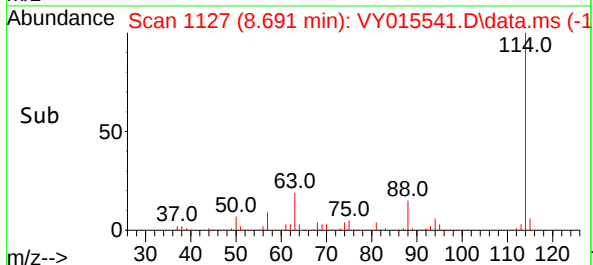
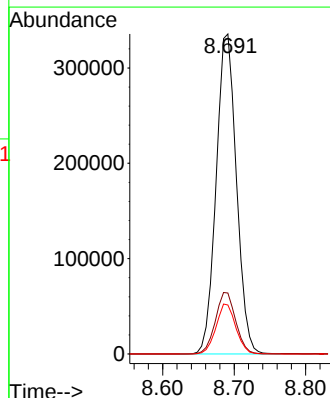
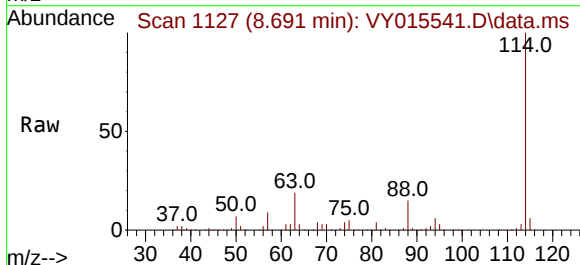
Tgt Ion: 114 Resp: 661681

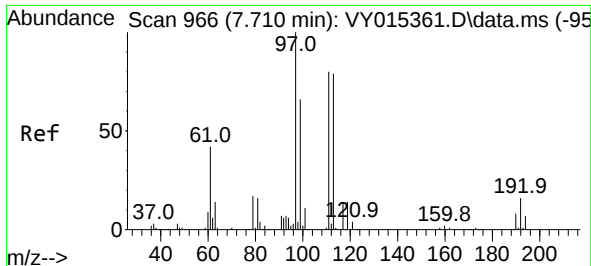
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.3 0.0 30.6

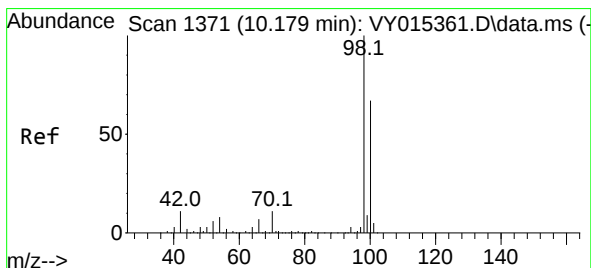
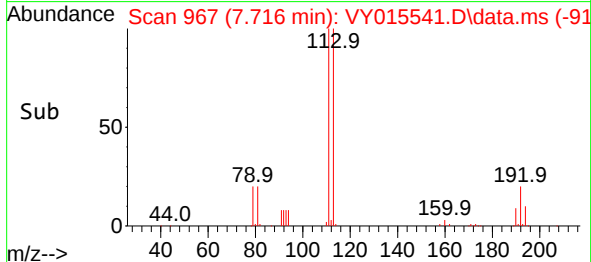
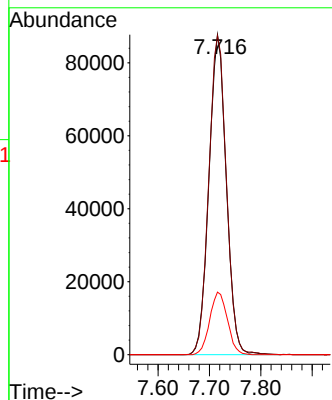
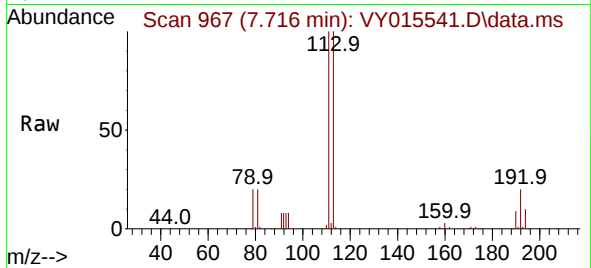




#35
Dibromofluoromethane
Concen: 53.920 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015541.D
Acq: 14 Sep 2023 18:14

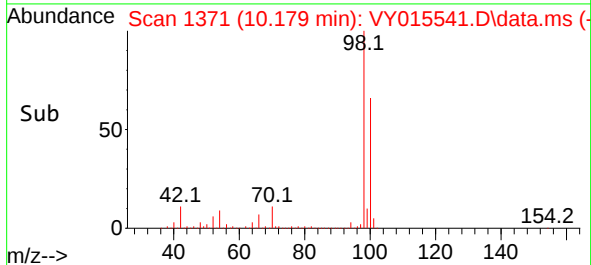
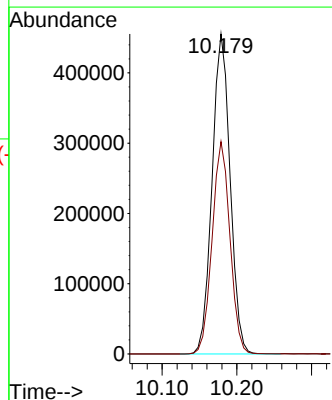
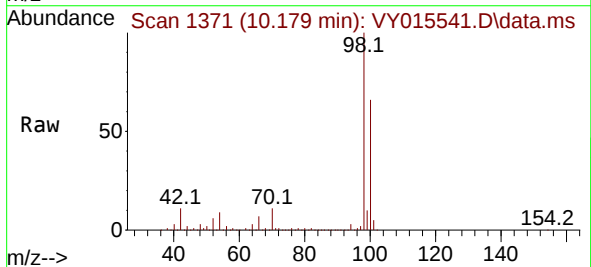
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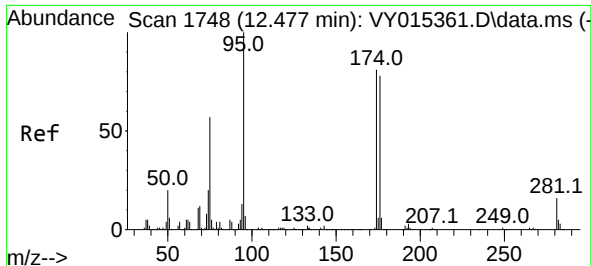
Tgt Ion:113 Resp: 205496
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 55.277 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015541.D
Acq: 14 Sep 2023 18:14

Tgt Ion: 98 Resp: 762908
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

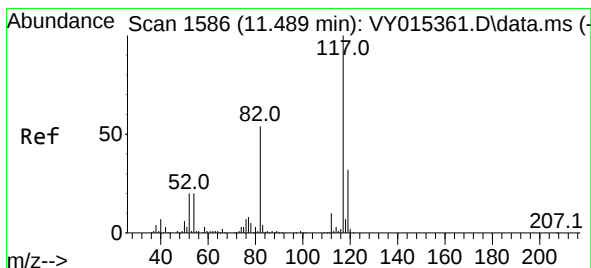
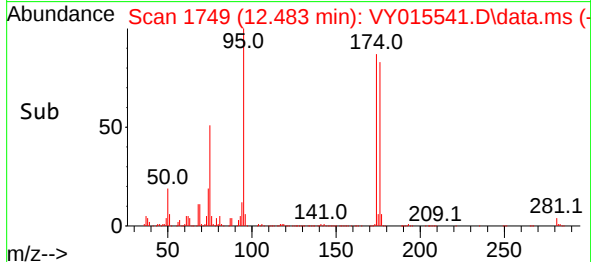
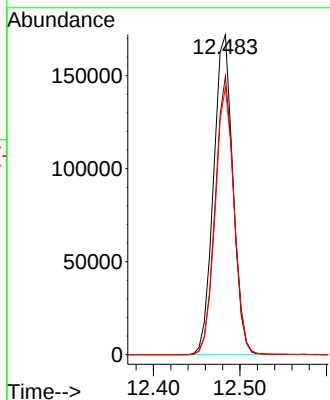
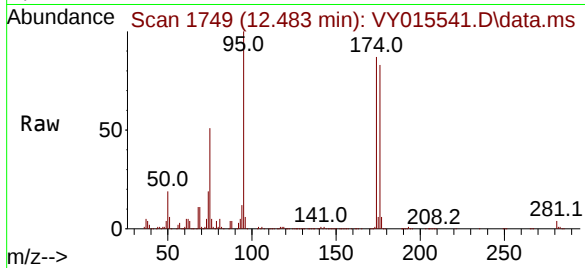




#62
4-Bromofluorobenzene
Concen: 52.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015541.D
Acq: 14 Sep 2023 18:14

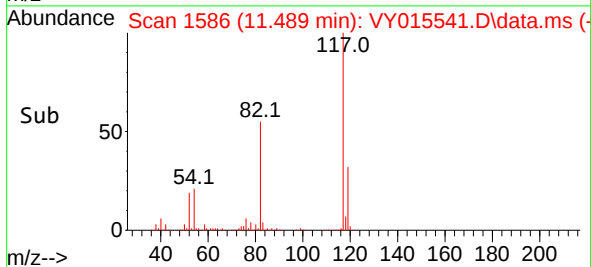
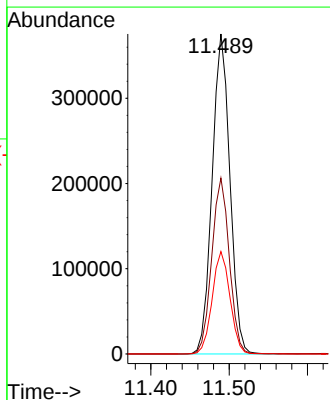
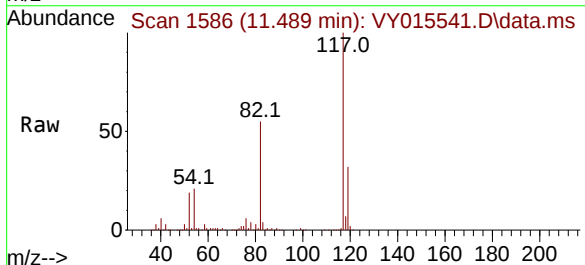
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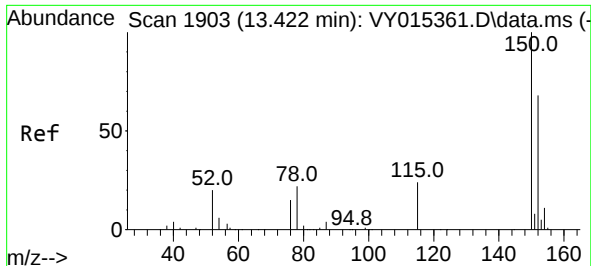
Tgt Ion: 95 Resp: 266441
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015541.D
Acq: 14 Sep 2023 18:14

Tgt Ion: 117 Resp: 591035
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015541.D

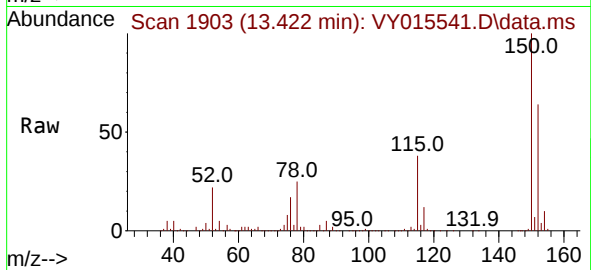
Acq: 14 Sep 2023 18:14

Instrument :

MSVOA_Y

ClientSampleId :

B103-06(16.5-17)



Tgt Ion:152 Resp: 276807

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 156.3 0.0 348.8

