

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015866.D
 Acq On : 06 Oct 2023 16:46
 Operator : SY/MD
 Sample : 04767-07
 Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1(0-5)

Quant Time: Oct 07 07:29:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

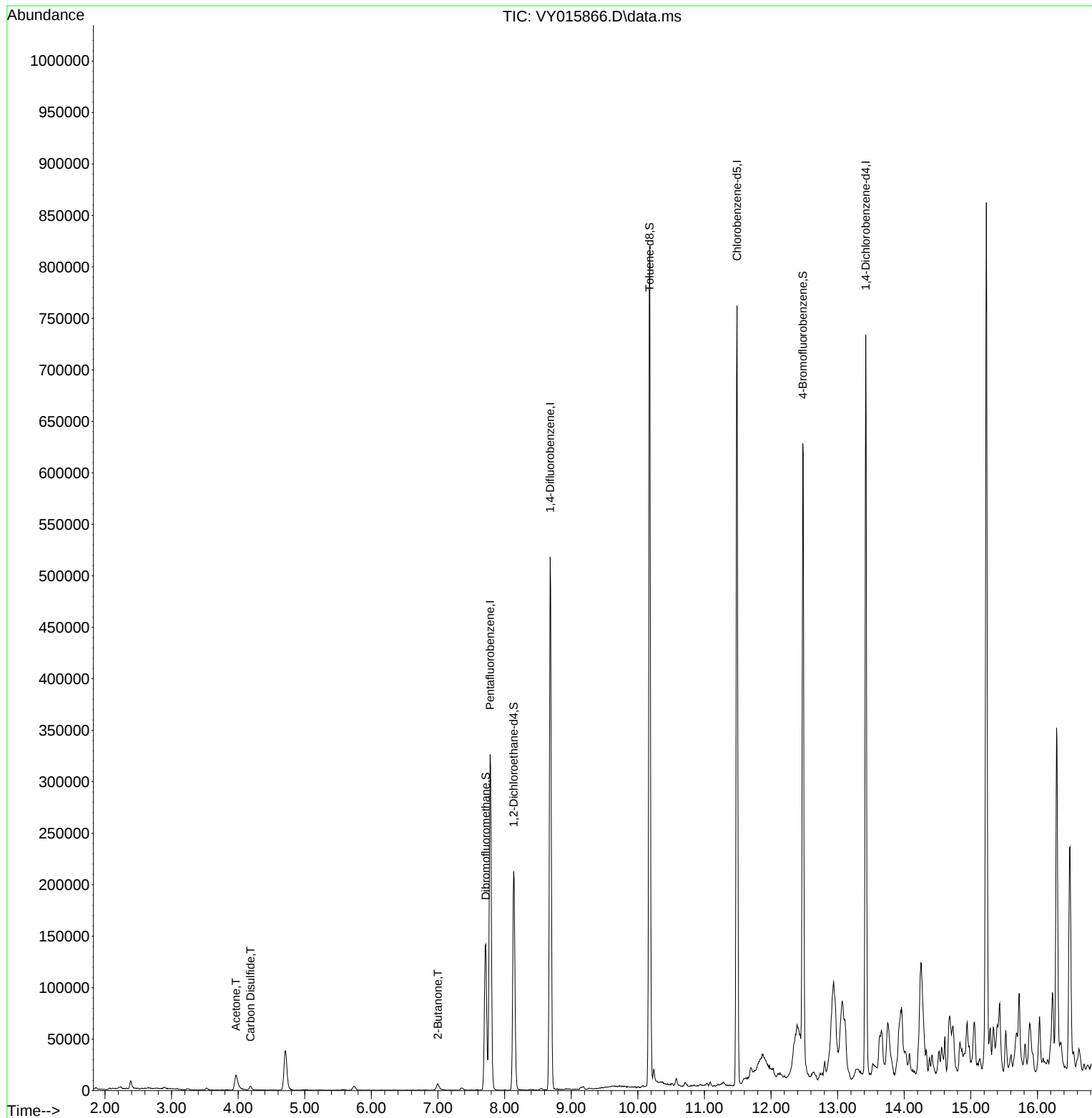
Internal Standards						
1) Pentafluorobenzene	7.782	168	257131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	448257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	164030	64.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.680%	
35) Dibromofluoromethane	7.715	113	103756	40.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 81.220%	
50) Toluene-d8	10.178	98	532594	64.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 128.400%	
62) 4-Bromofluorobenzene	12.477	95	185400	54.676	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	35196	26.854	ug/l	92
17) Carbon Disulfide	4.186	76	7629	5.715	ug/l #	90
25) 2-Butanone	6.996	43	8599	4.770	ug/l	99

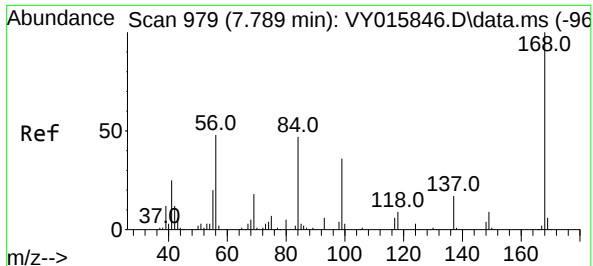
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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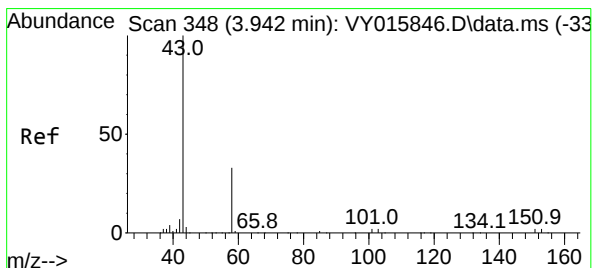
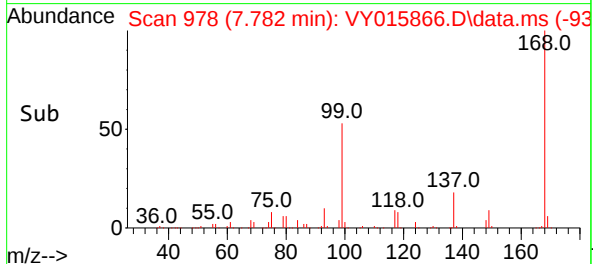
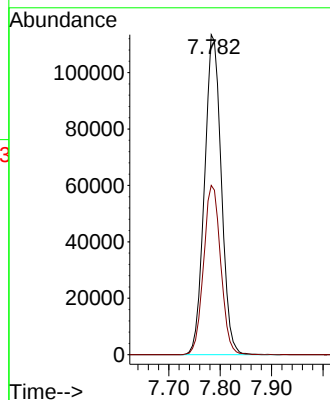
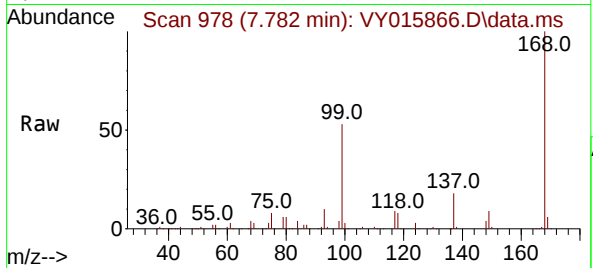




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY015866.D
Acq: 06 Oct 2023 16:46

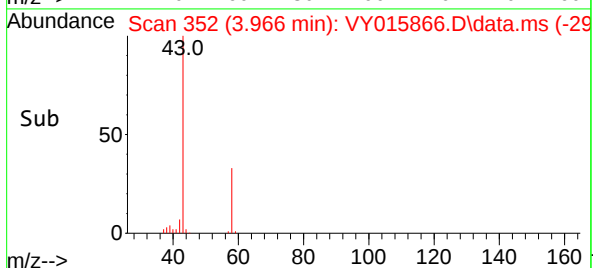
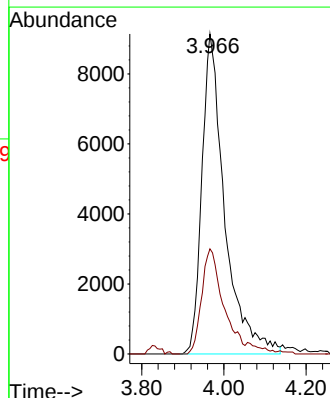
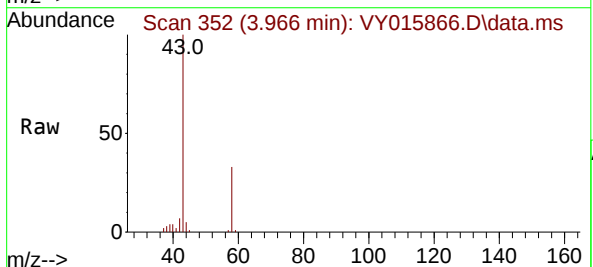
Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

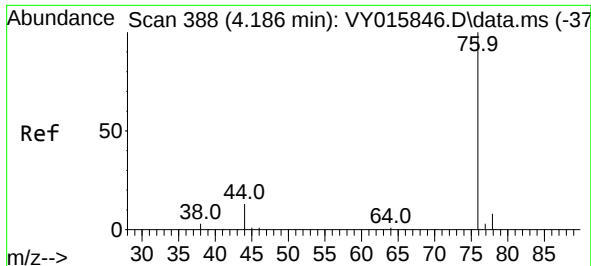
Tgt Ion:168 Resp: 257131
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#16
Acetone
Concen: 26.854 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015866.D
Acq: 06 Oct 2023 16:46

Tgt Ion: 43 Resp: 35196
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

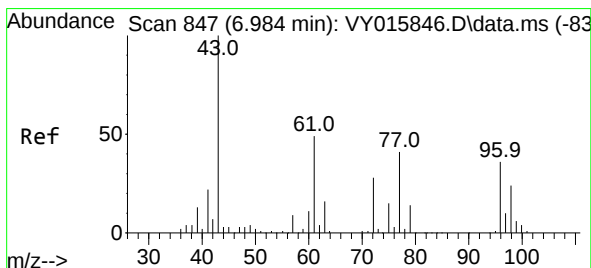
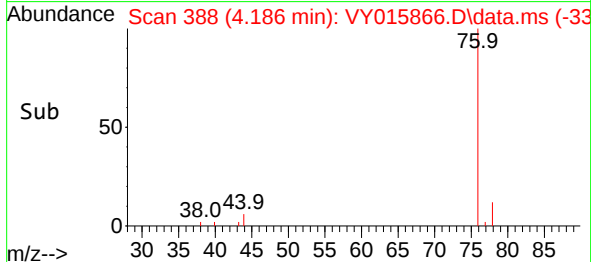
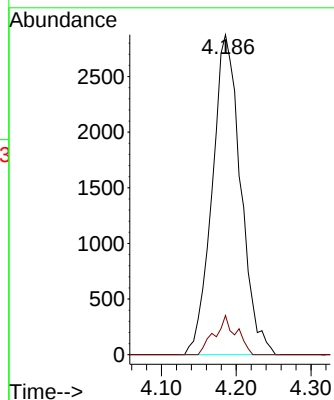
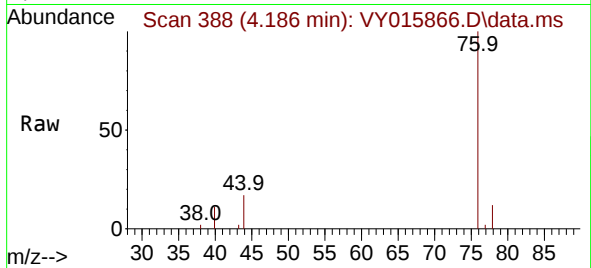




#17
Carbon Disulfide
Concen: 5.715 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015866.D
Acq: 06 Oct 2023 16:46

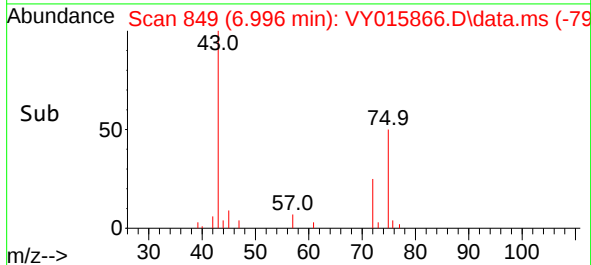
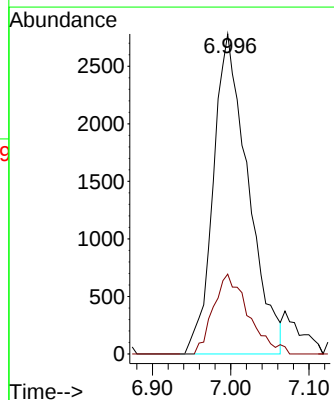
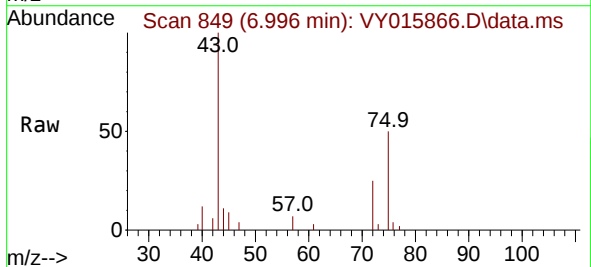
Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

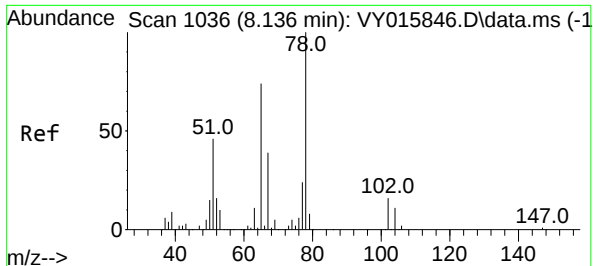
Tgt Ion: 76 Resp: 7629
Ion Ratio Lower Upper
76 100
78 12.3 7.0 10.4#



#25
2-Butanone
Concen: 4.770 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY015866.D
Acq: 06 Oct 2023 16:46

Tgt Ion: 43 Resp: 8599
Ion Ratio Lower Upper
43 100
72 25.0 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 64.840 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015866.D

Acq: 06 Oct 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

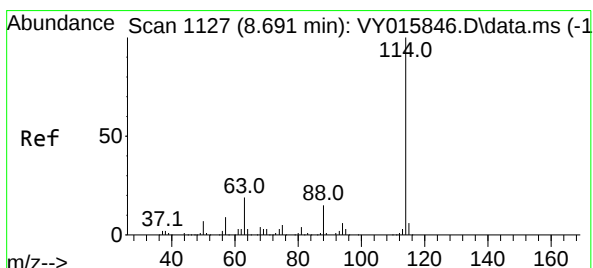
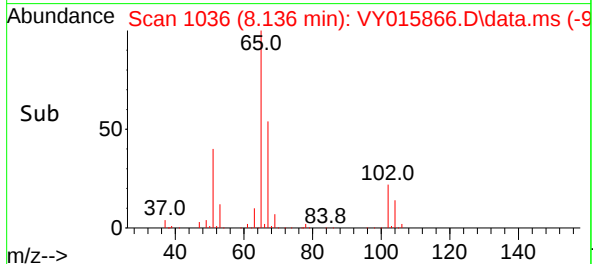
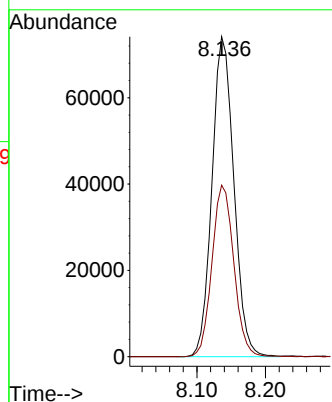
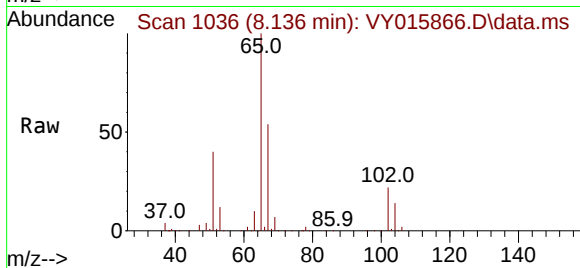
C-1(0-5)

Tgt Ion: 65 Resp: 164030

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015866.D

Acq: 06 Oct 2023 16:46

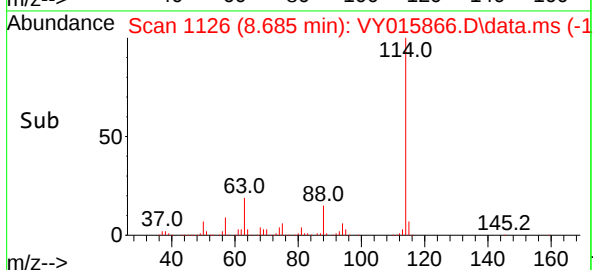
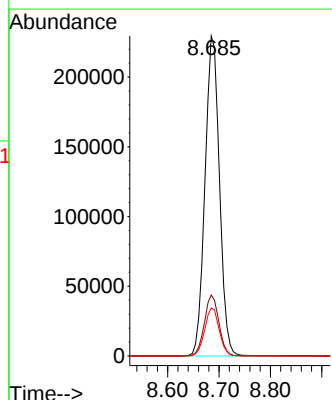
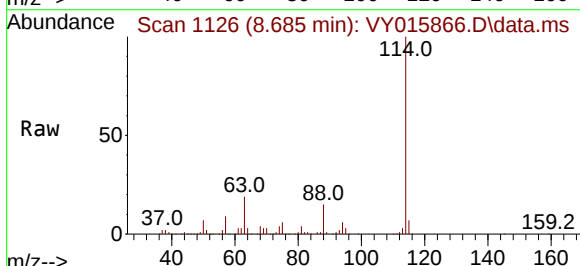
Tgt Ion: 114 Resp: 448257

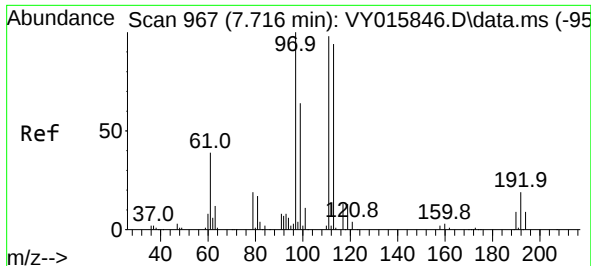
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.0 0.0 30.6

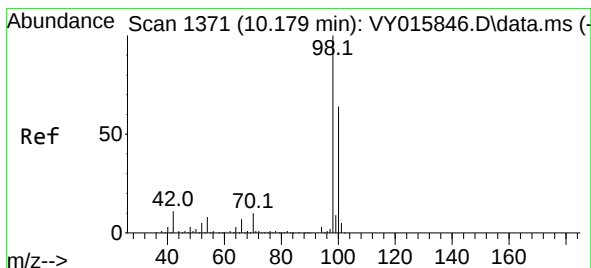
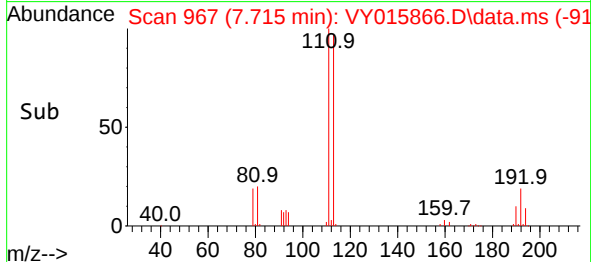
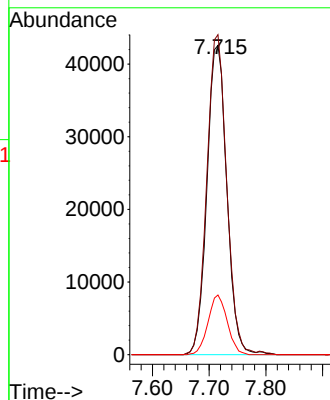
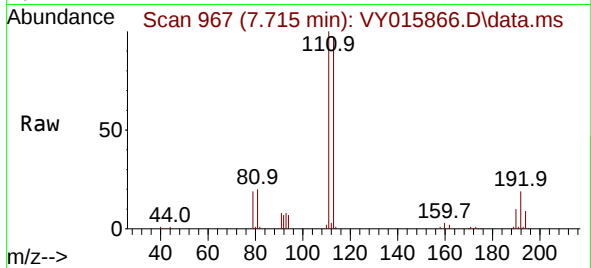




#35
Dibromofluoromethane
Concen: 40.608 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015866.D
Acq: 06 Oct 2023 16:46

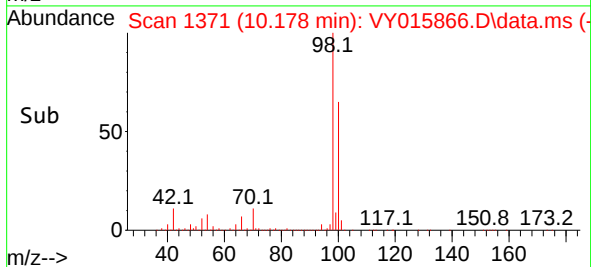
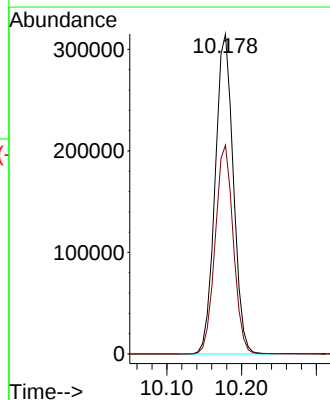
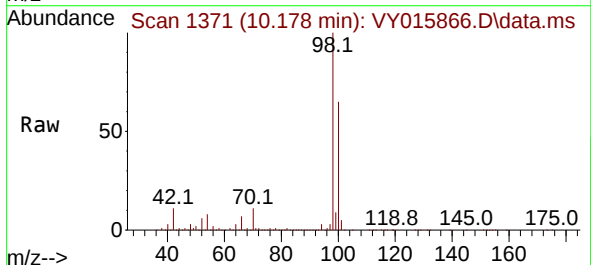
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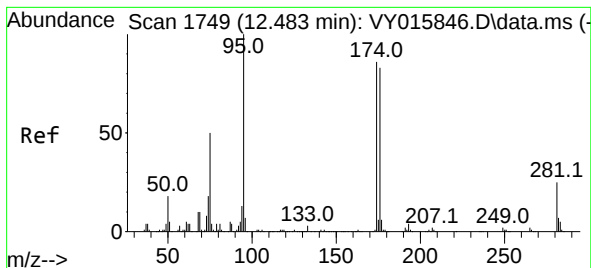
Tgt Ion:113 Resp: 103756
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 18.6 16.9 25.3



#50
Toluene-d8
Concen: 64.202 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015866.D
Acq: 06 Oct 2023 16:46

Tgt Ion: 98 Resp: 532594
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

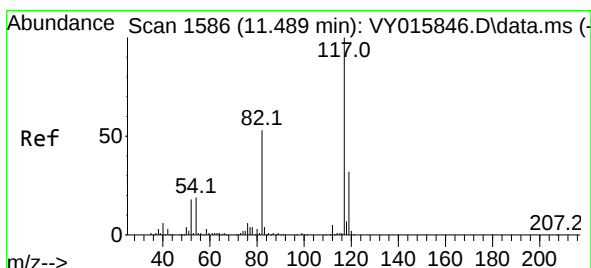
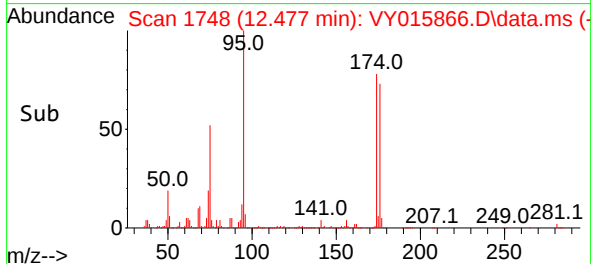
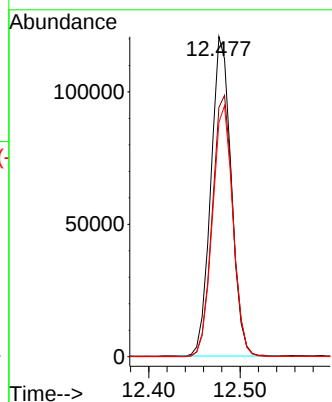
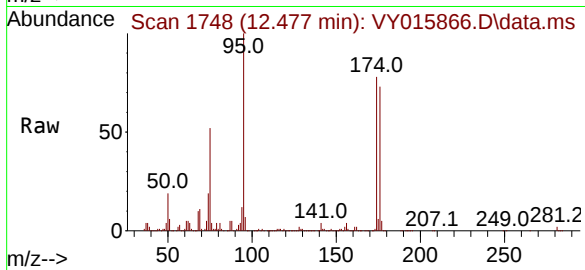




#62
4-Bromofluorobenzene
Concen: 54.676 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015866.D
Acq: 06 Oct 2023 16:46

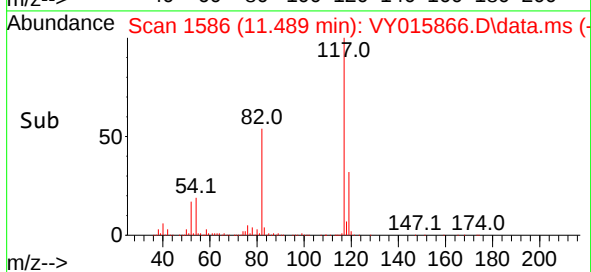
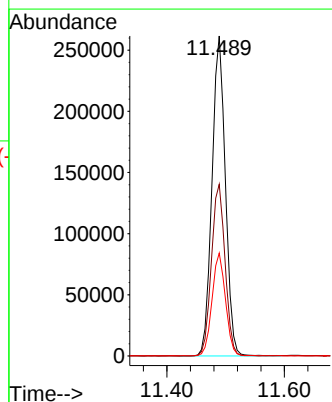
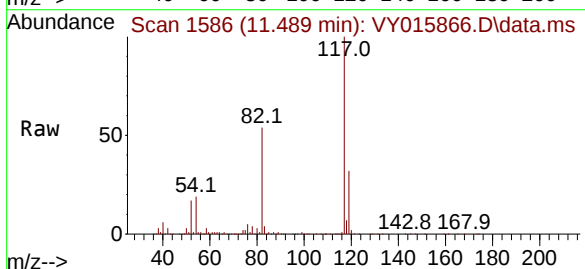
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ClientSampleId :
C-1(0-5)

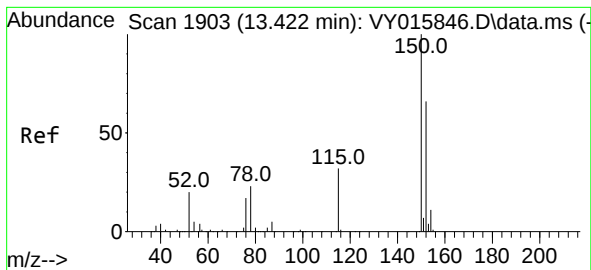
Tgt Ion: 95 Resp: 185400
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 79.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015866.D
Acq: 06 Oct 2023 16:46

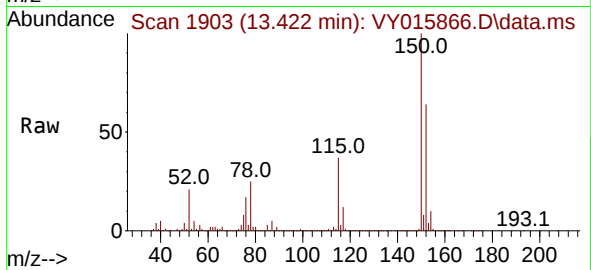
Tgt Ion: 117 Resp: 414487
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015866.D
 Acq: 06 Oct 2023 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1(0-5)



Tgt Ion:152 Resp: 180972
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 158.0 0.0 348.8

