

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016043.D
 Acq On : 19 Oct 2023 17:33
 Operator : SY/MD
 Sample : 04938-14
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-7(2-6)

Quant Time: Oct 20 05:39:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

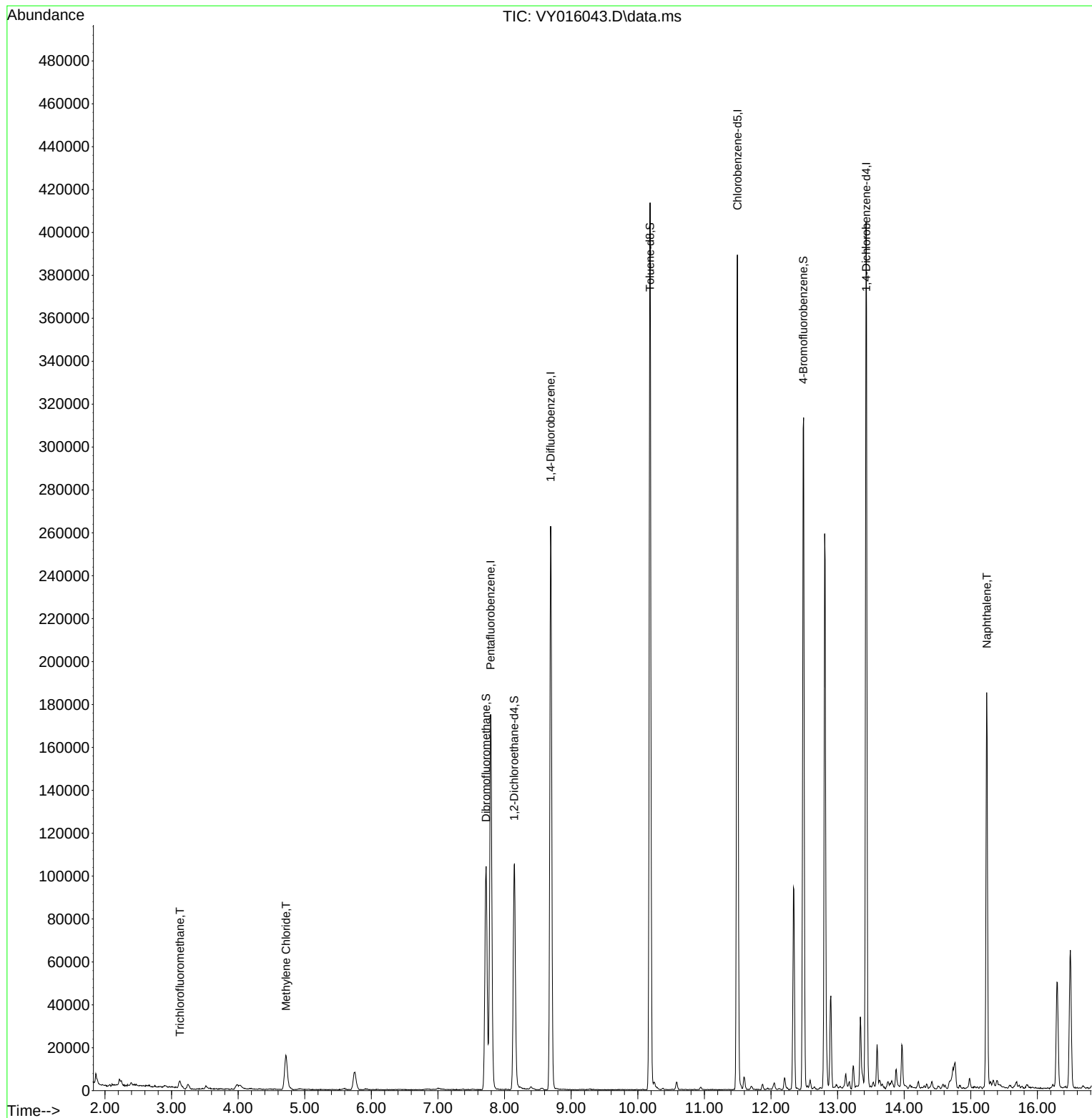
Internal Standards						
1) Pentafluorobenzene	7.789	168	138835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86465	54.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.600%	
35) Dibromofluoromethane	7.722	113	76386	49.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.060%	
50) Toluene-d8	10.185	98	273777	48.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	12.483	95	96477	48.276	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.560%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.125	101	4064	1.642	ug/l	97
20) Methylene Chloride	4.716	84	12043	6.931	ug/l	90
95) Naphthalene	15.239	128	150410	28.775	ug/l	99

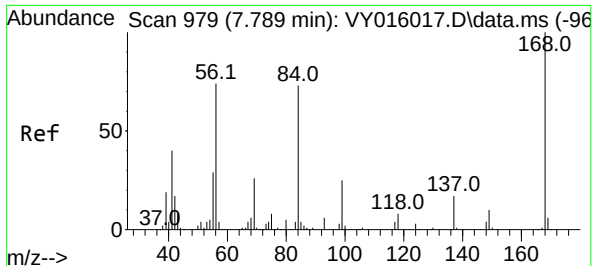
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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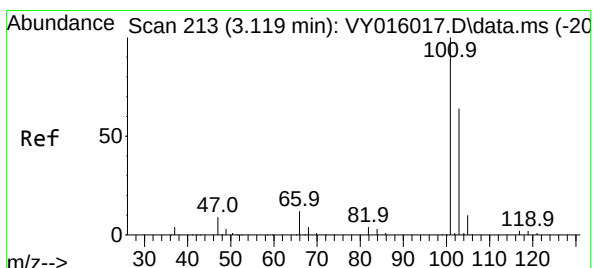
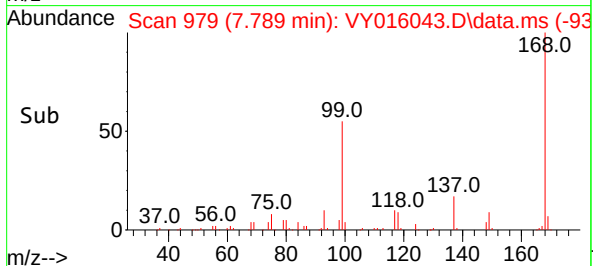
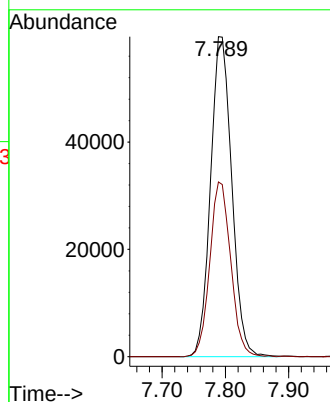
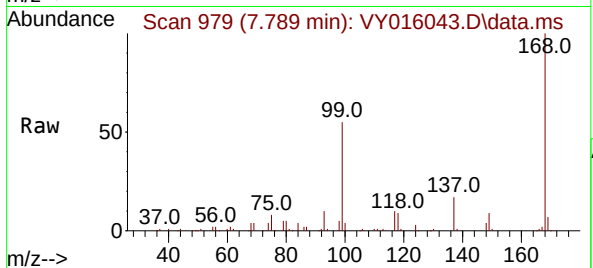




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016043.D
Acq: 19 Oct 2023 17:33

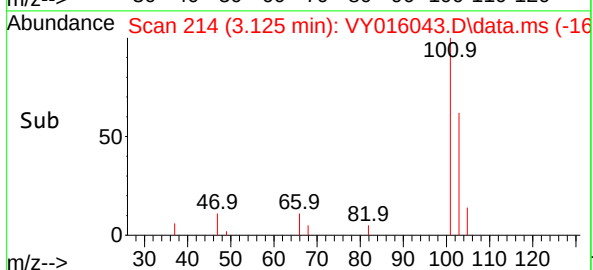
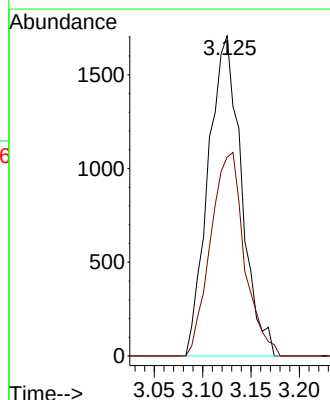
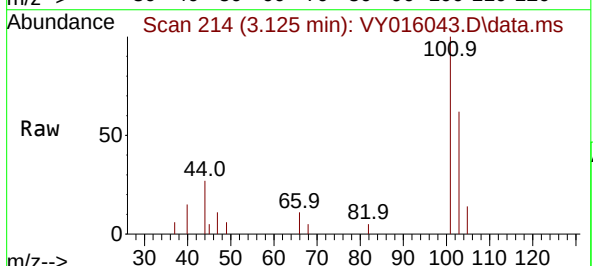
Instrument :
MSVOA_Y
ClientSampleId :
A-7(2-6)

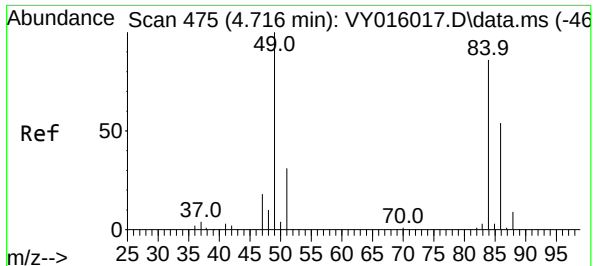
Tgt Ion:168 Resp: 138835
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#7
Trichlorofluoromethane
Concen: 1.642 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY016043.D
Acq: 19 Oct 2023 17:33

Tgt Ion:101 Resp: 4064
Ion Ratio Lower Upper
101 100
103 62.1 51.4 77.0

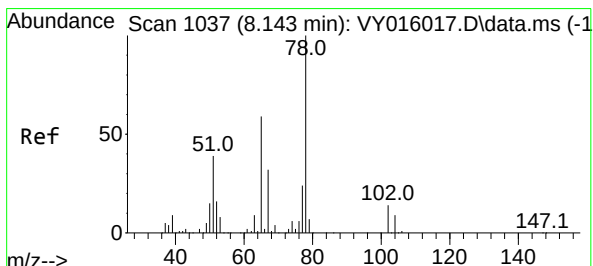
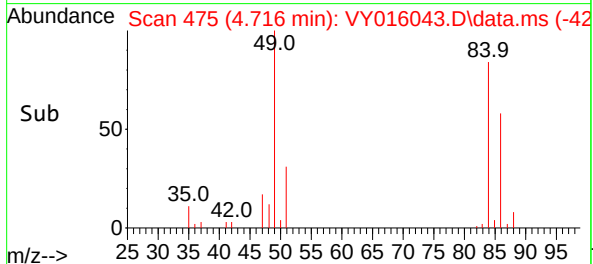
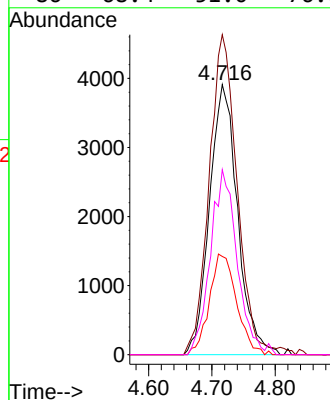
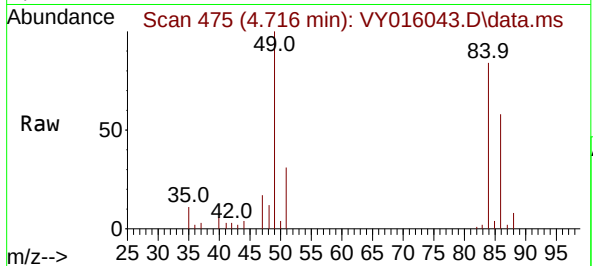




#20
Methylene Chloride
Concen: 6.931 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016043.D
Acq: 19 Oct 2023 17:33

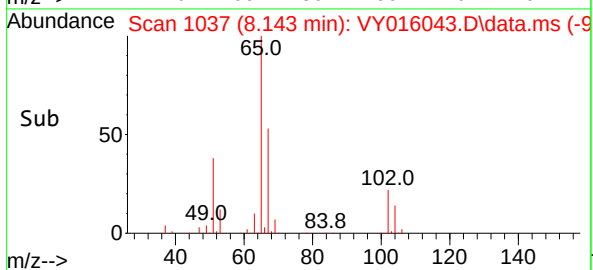
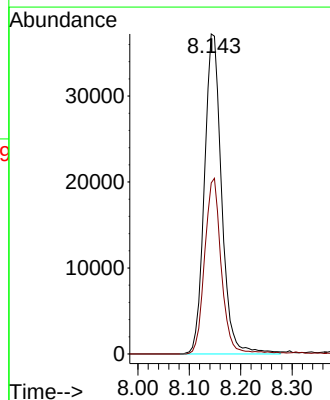
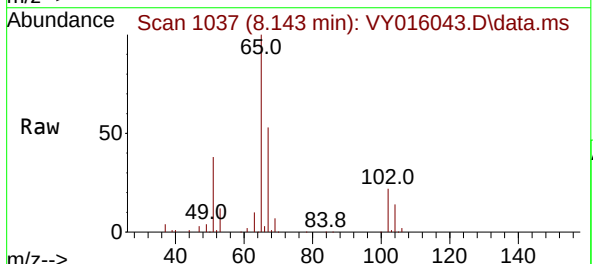
Instrument :
MSVOA_Y
ClientSampleId :
A-7(2-6)

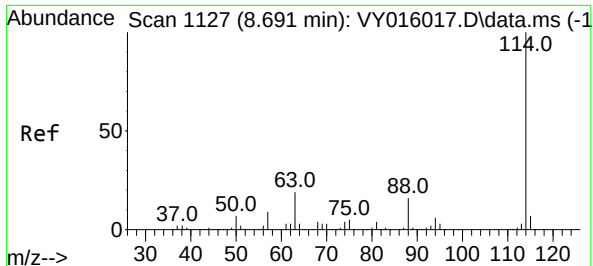
Tgt Ion:	84	Resp:	12043
Ion	Ratio	Lower	Upper
84	100		
49	118.5	106.9	160.3
51	36.4	33.2	49.8
86	68.4	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 54.796 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY016043.D
Acq: 19 Oct 2023 17:33

Tgt Ion:	65	Resp:	86465
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016043.D

Acq: 19 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

A-7(2-6)

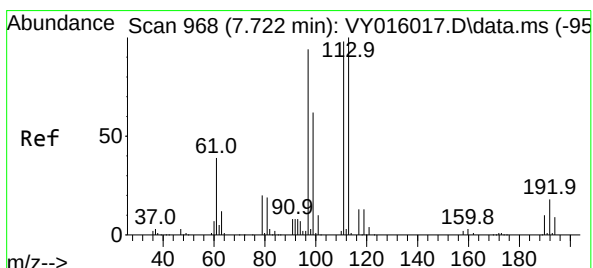
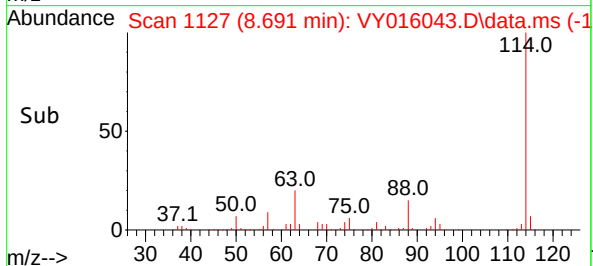
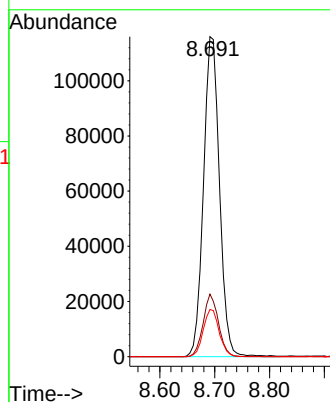
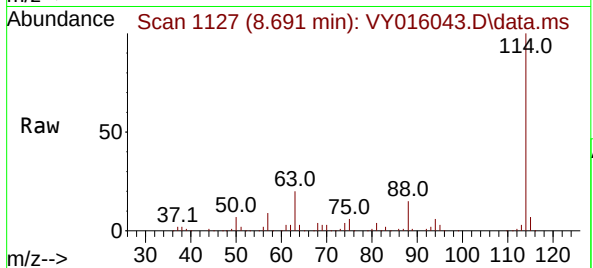
Tgt Ion:114 Resp: 234294

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.532 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY016043.D

Acq: 19 Oct 2023 17:33

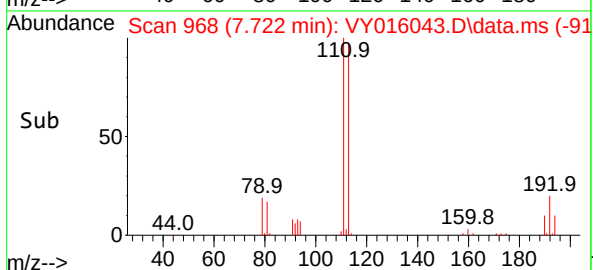
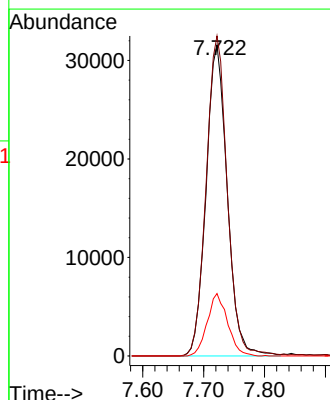
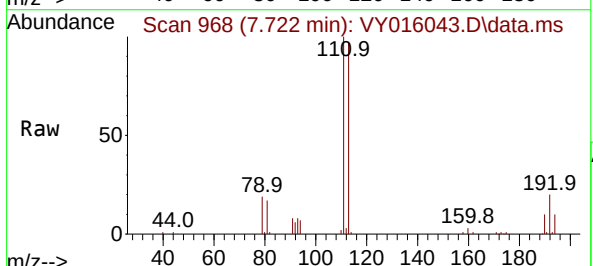
Tgt Ion:113 Resp: 76386

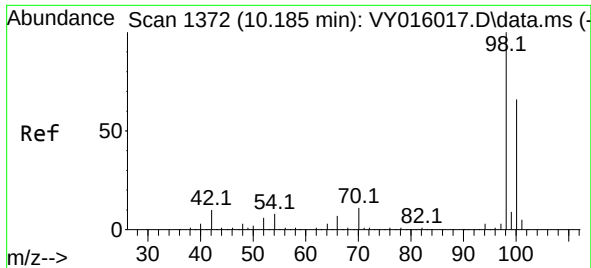
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.3 16.9 25.3

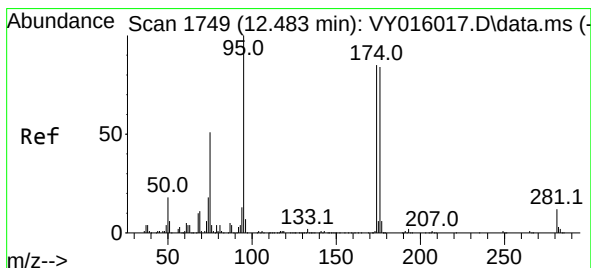
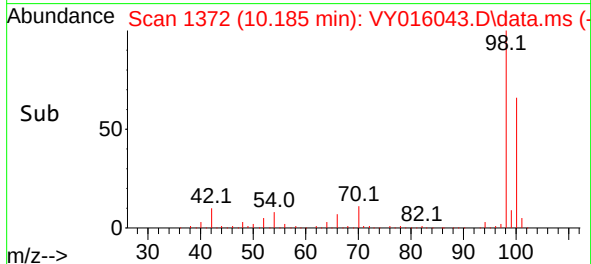
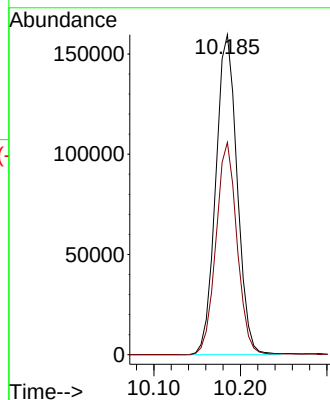
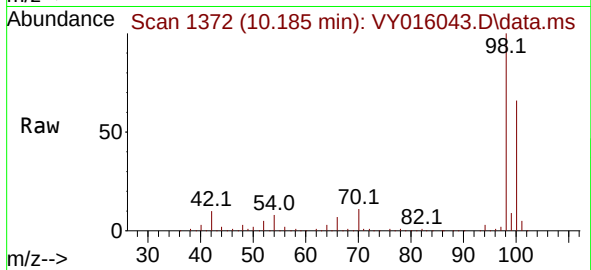




#50
Toluene-d8
Concen: 48.881 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016043.D
Acq: 19 Oct 2023 17:33

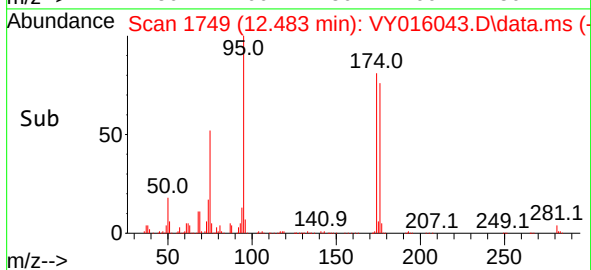
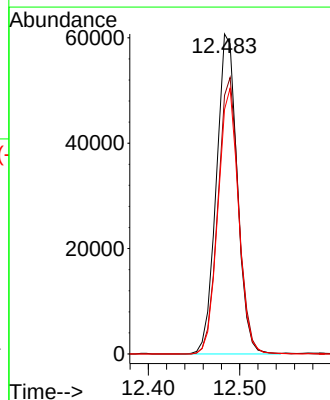
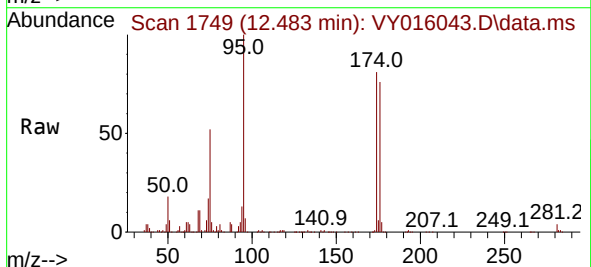
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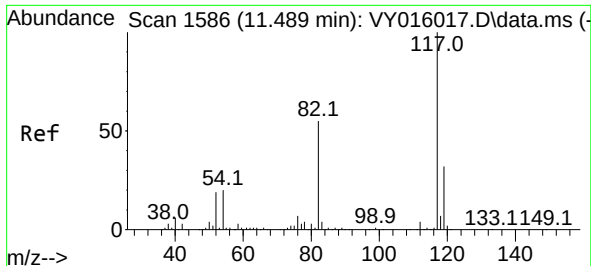
Tgt Ion: 98 Resp: 273777
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.276 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016043.D
Acq: 19 Oct 2023 17:33

Tgt Ion: 95 Resp: 96477
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 81.7 0.0 173.8

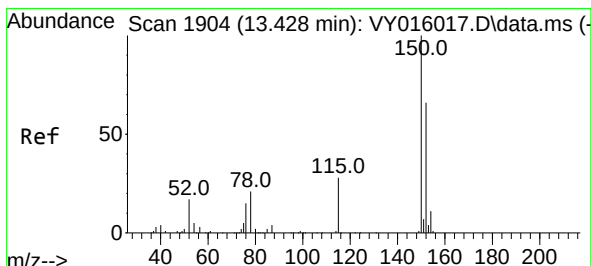
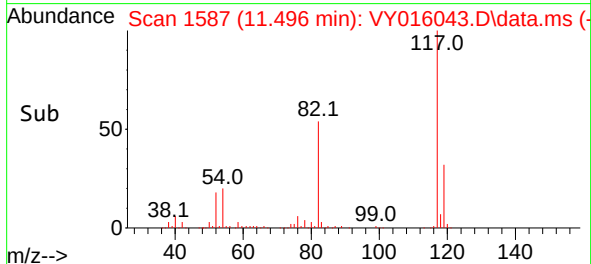
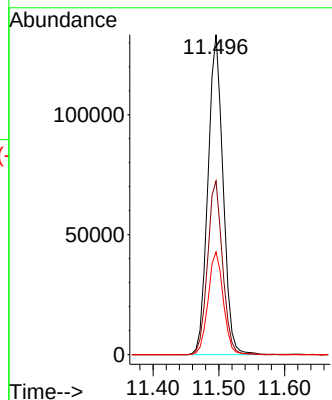
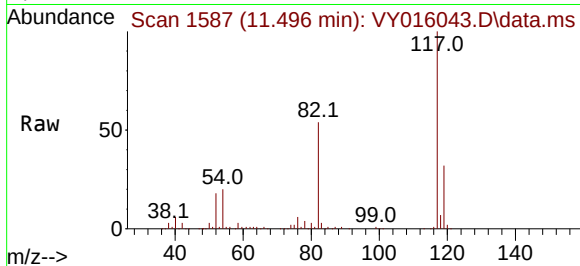




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016043.D
Acq: 19 Oct 2023 17:33

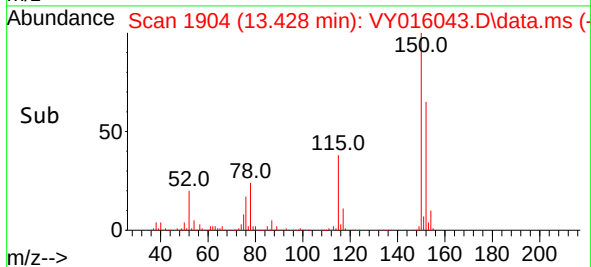
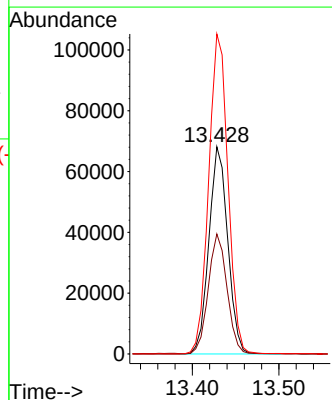
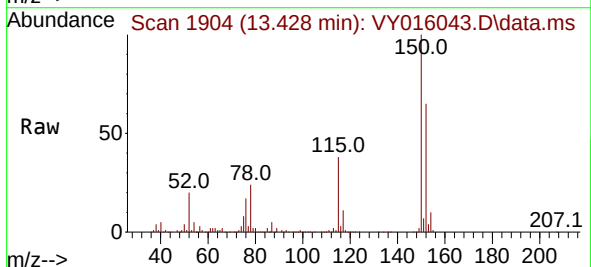
Instrument :
MSVOA_Y
ClientSampleId :
A-7(2-6)

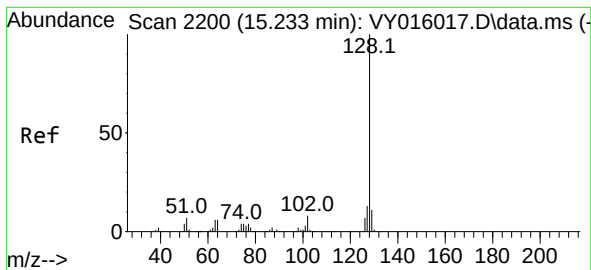
Tgt Ion:117 Resp: 213378
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY016043.D
Acq: 19 Oct 2023 17:33

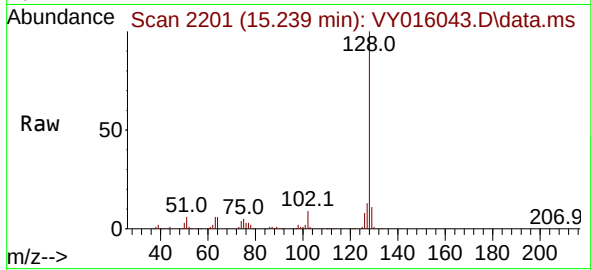
Tgt Ion:152 Resp: 103069
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.5
150 157.7 0.0 348.8





#95
Naphthalene
Concen: 28.775 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016043.D
Acq: 19 Oct 2023 17:33

Instrument :
MSVOA_Y
ClientSampleId :
A-7(2-6)



Tgt Ion:128 Resp: 150410
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.1 8.6 13.0

