

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015659.D
 Acq On : 20 Sep 2023 15:19
 Operator : SY/MD
 Sample : 04501-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Sep 21 03:42:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

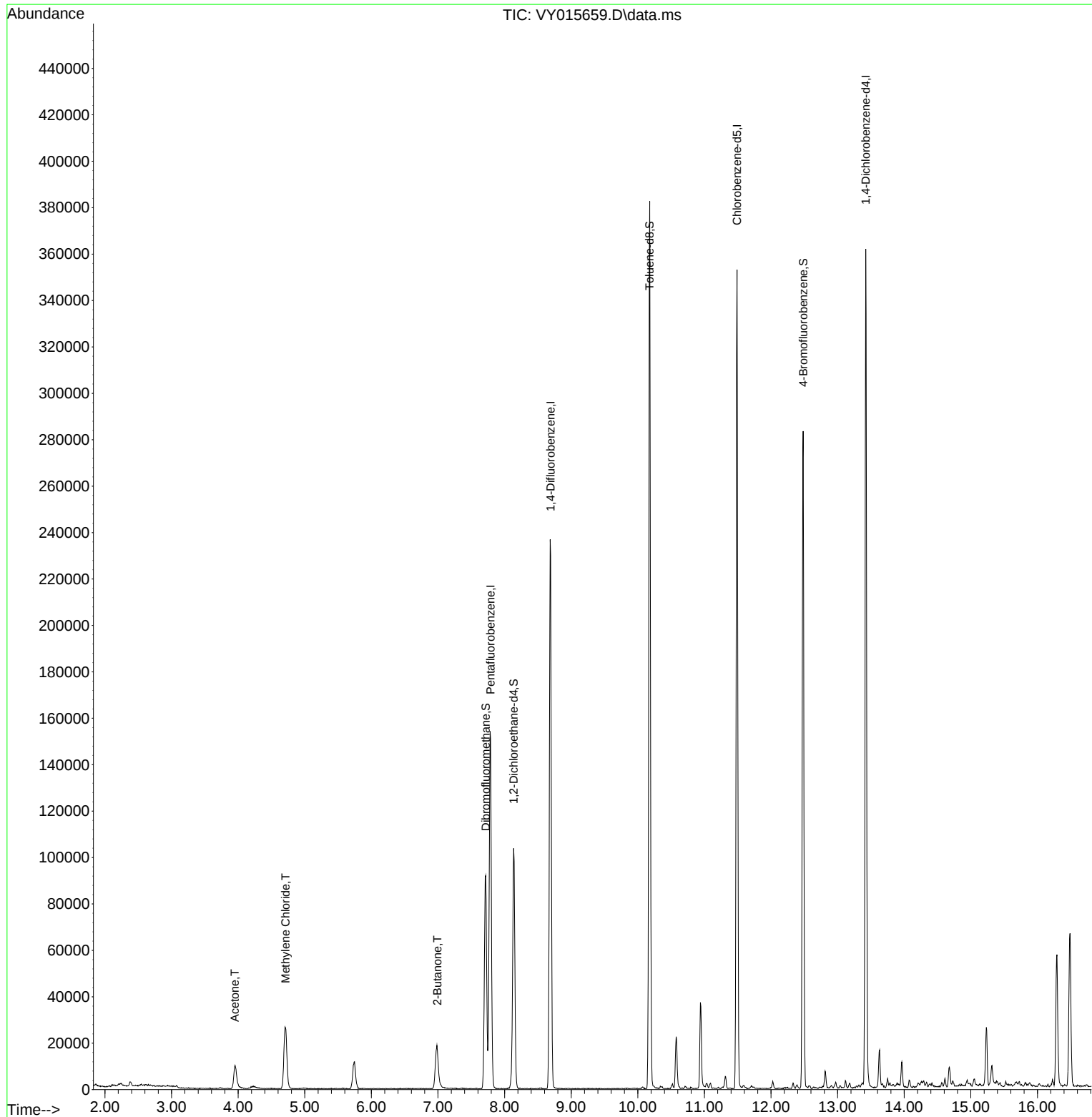
Internal Standards						
1) Pentafluorobenzene	7.789	168	119255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78664	59.951	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.900%			
35) Dibromofluoromethane	7.716	113	66824	54.096	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.200%			
50) Toluene-d8	10.179	98	243132	58.049	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.100%			
62) 4-Bromofluorobenzene	12.483	95	82828	50.392	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.780%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	20891	29.751	ug/l	98
20) Methylene Chloride	4.710	84	20796	9.614	ug/l	87
25) 2-Butanone	6.990	43	8090	8.151	ug/l	93

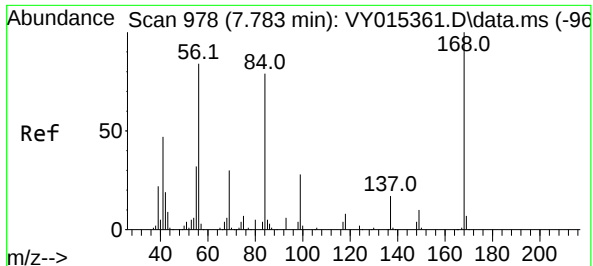
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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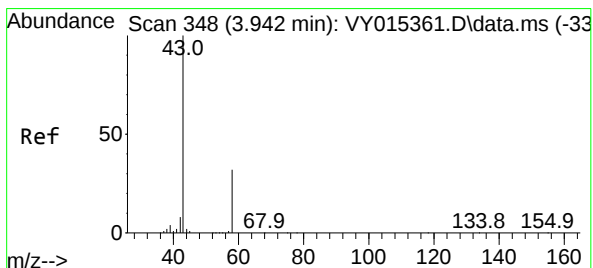
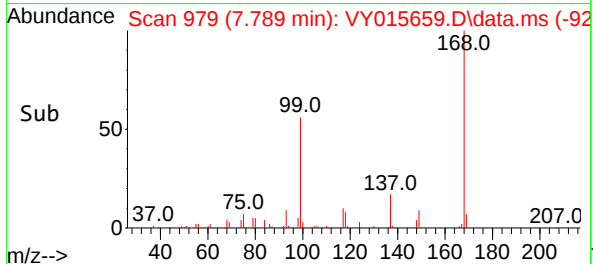
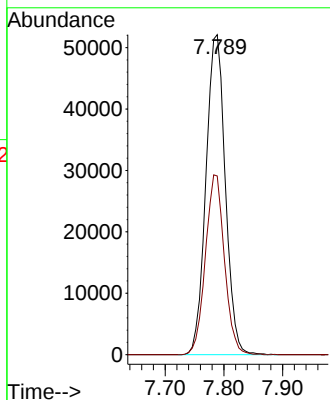
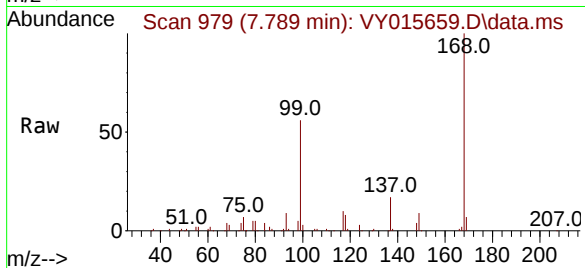




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

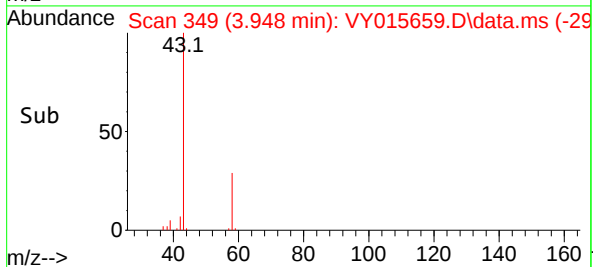
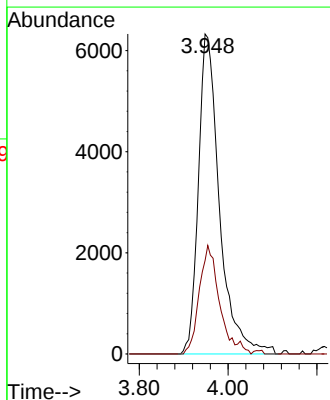
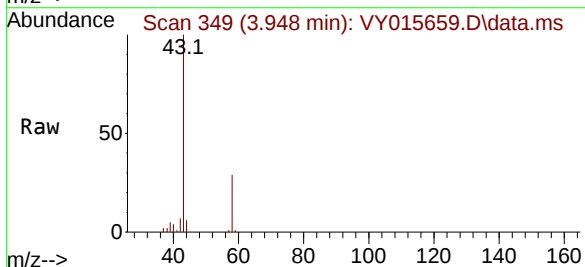
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

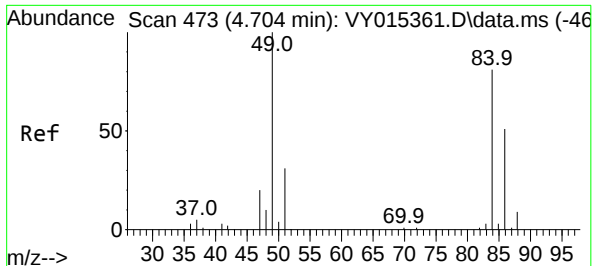
Tgt Ion:168 Resp: 119255
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#16
Acetone
Concen: 29.751 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

Tgt Ion: 43 Resp: 20891
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1

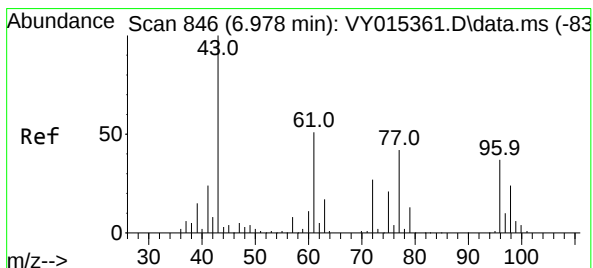
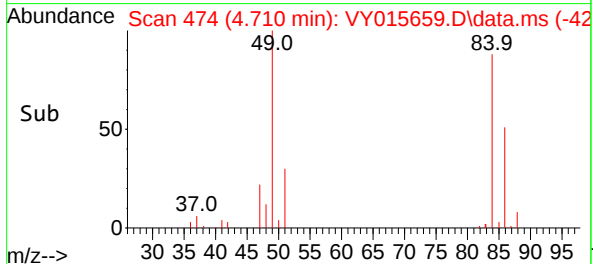
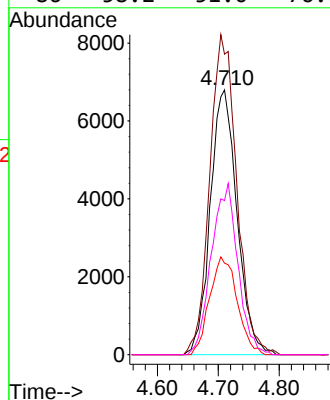
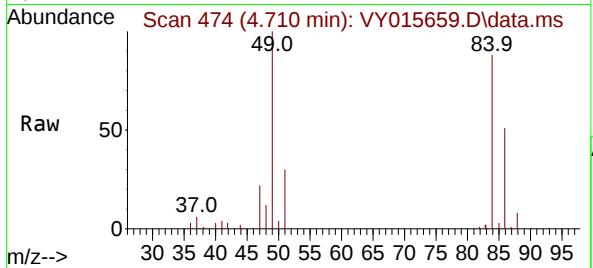




#20
Methylene Chloride
Concen: 9.614 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

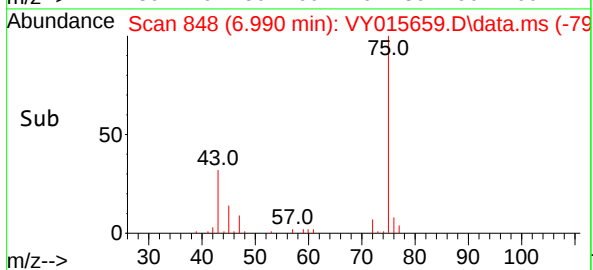
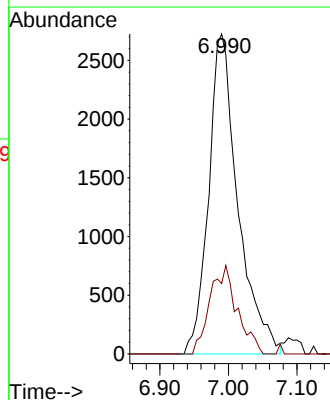
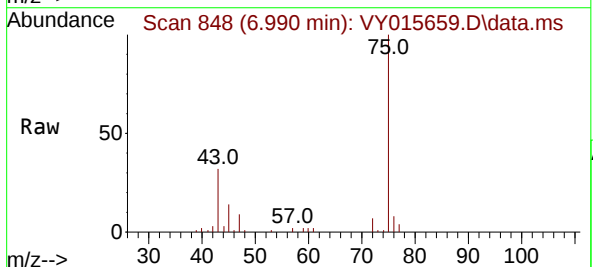
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

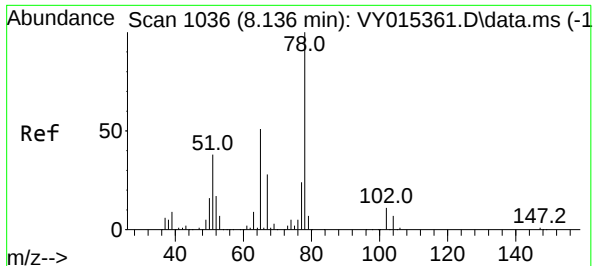
Tgt Ion:	84	Resp:	20796
Ion	Ratio	Lower	Upper
84	100		
49	113.5	106.9	160.3
51	34.6	33.2	49.8
86	58.2	51.0	76.6



#25
2-Butanone
Concen: 8.151 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

Tgt Ion:	43	Resp:	8090
Ion	Ratio	Lower	Upper
43	100		
72	22.0	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 59.951 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015659.D

Acq: 20 Sep 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

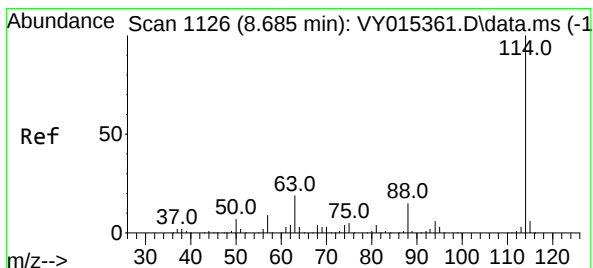
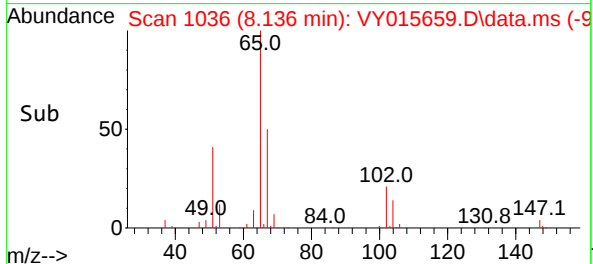
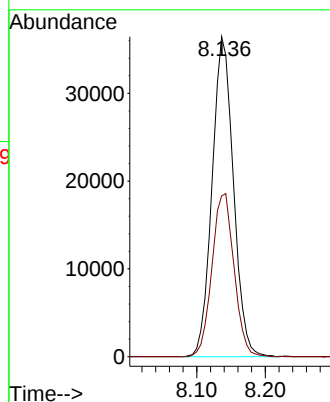
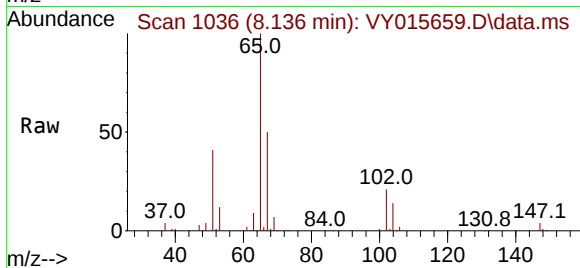
TP-2

Tgt Ion: 65 Resp: 78664

Ion Ratio Lower Upper

65 100

67 52.9 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: VY015659.D

Acq: 20 Sep 2023 15:19

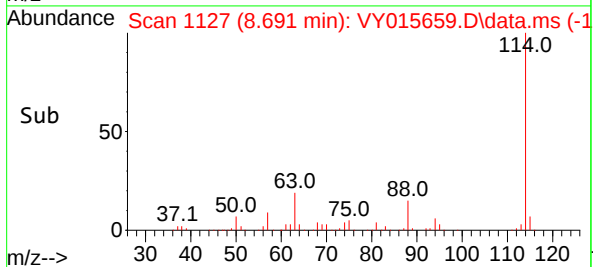
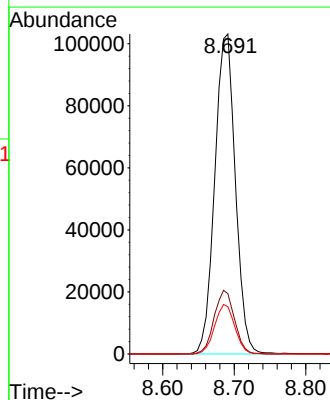
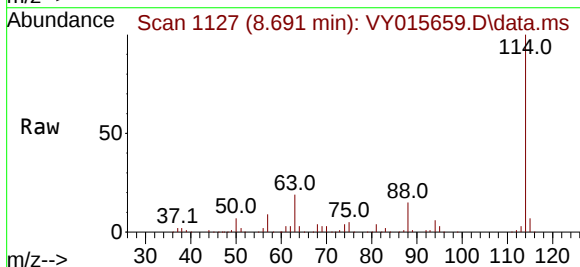
Tgt Ion: 114 Resp: 206384

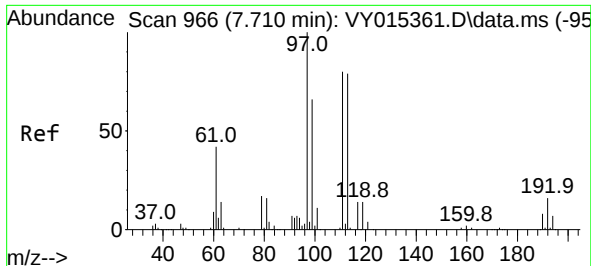
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.8 0.0 30.6

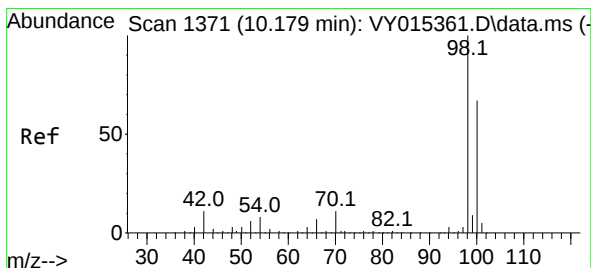
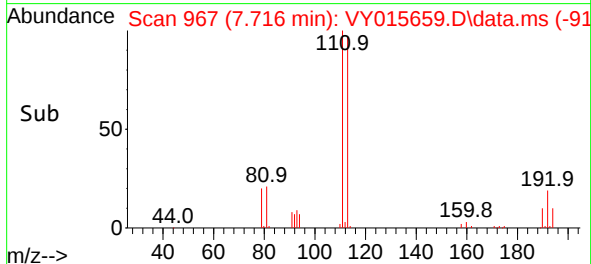
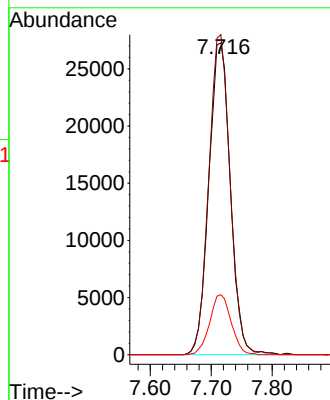
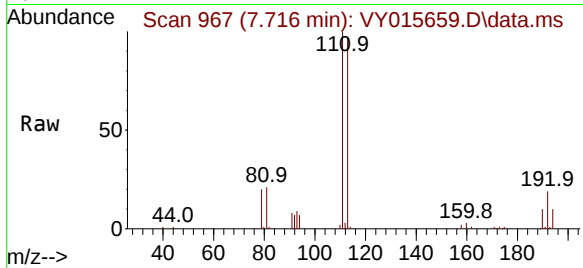




#35
Dibromofluoromethane
Concen: 54.096 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

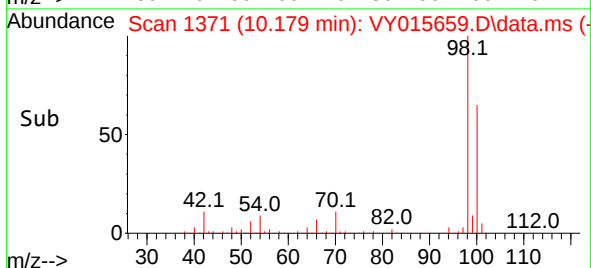
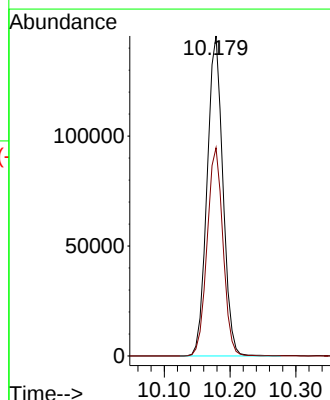
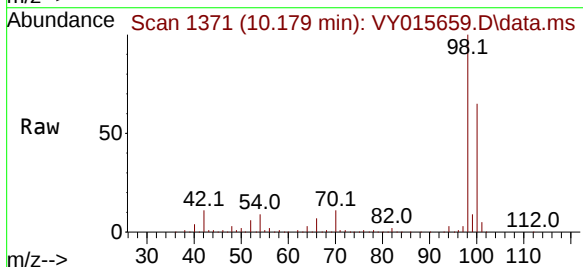
Instrument :
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ClientSampleId :
TP-2

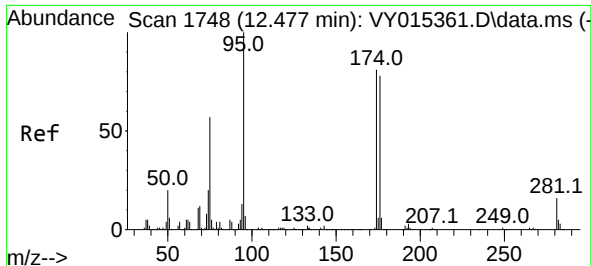
Tgt Ion:113 Resp: 66824
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 58.049 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

Tgt Ion: 98 Resp: 243132
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

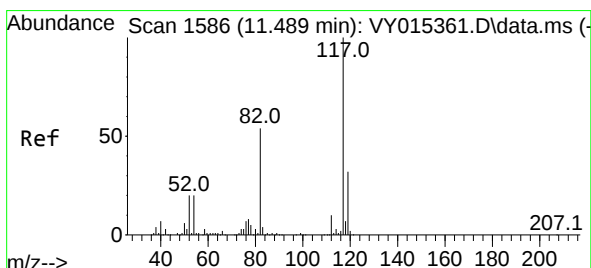
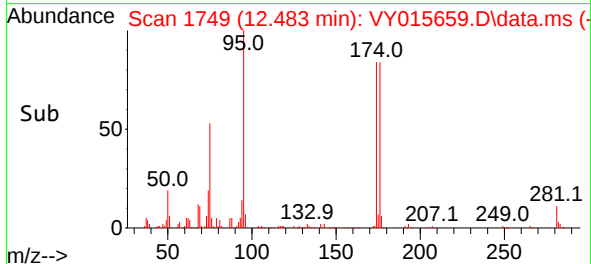
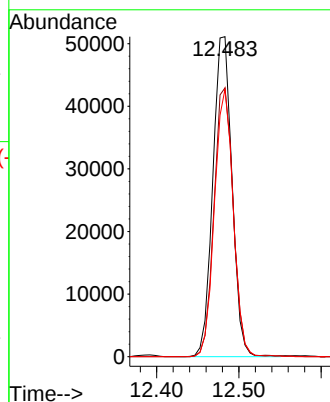
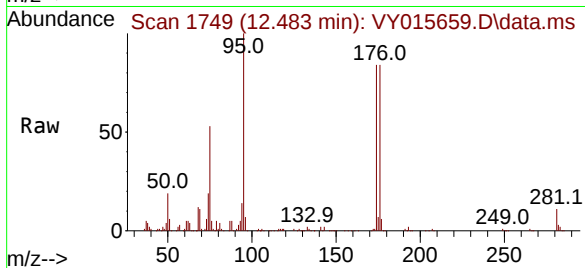




#62
4-Bromofluorobenzene
Concen: 50.392 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

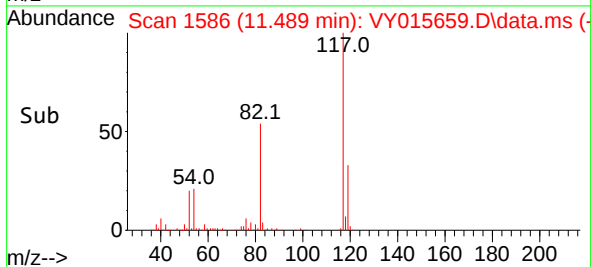
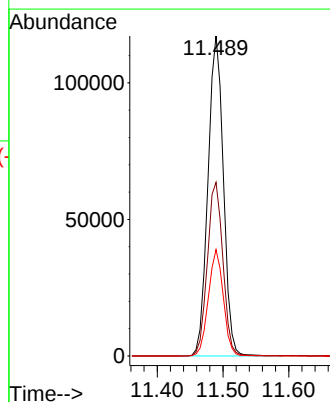
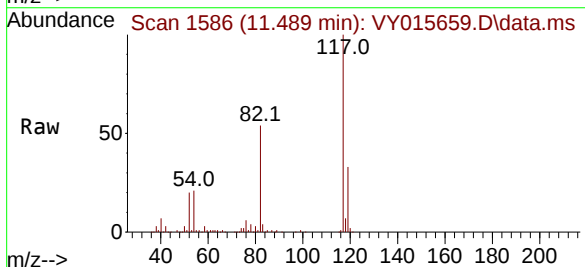
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

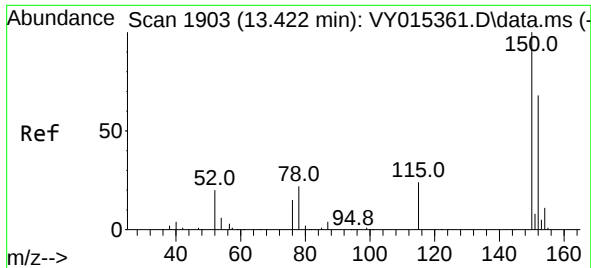
Tgt Ion: 95 Resp: 82828
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015659.D
Acq: 20 Sep 2023 15:19

Tgt Ion: 117 Resp: 191193
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 33.2 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: VY015659.D
 Acq: 20 Sep 2023 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Tgt Ion:152 Resp: 91190
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 157.6 0.0 348.8

