

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016136.D
 Acq On : 30 Oct 2023 17:25
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Oct 31 01:32:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

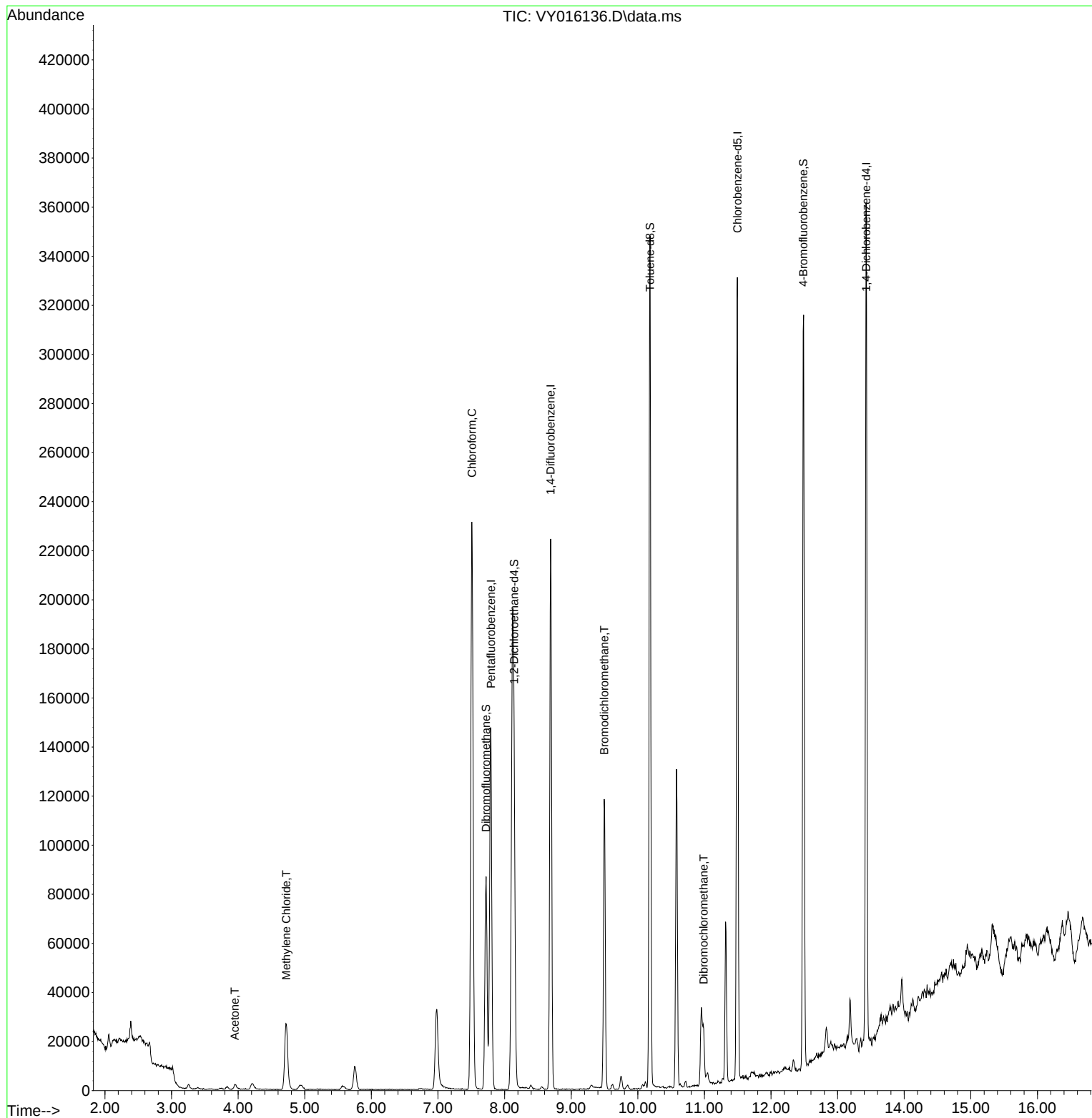
Internal Standards						
1) Pentafluorobenzene	7.795	168	115546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	184454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65433	56.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.900%	
35) Dibromofluoromethane	7.722	113	61417	49.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.185	98	230088	50.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.483	95	81920	52.217	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	4049	13.002	ug/l	94
20) Methylene Chloride	4.722	84	21613	13.576	ug/l	85
30) Chloroform	7.508	83	229036	106.632	ug/l	98
47) Bromodichloromethane	9.496	83	77327	44.216	ug/l	100
60) Dibromochloromethane	10.989	129	7788	6.190	ug/l	100

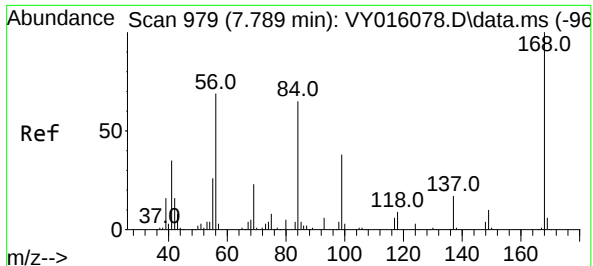
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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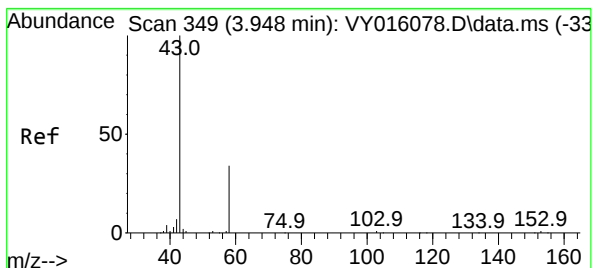
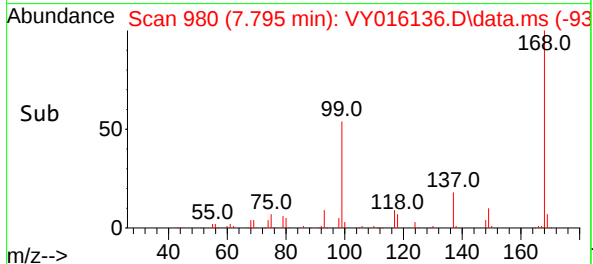
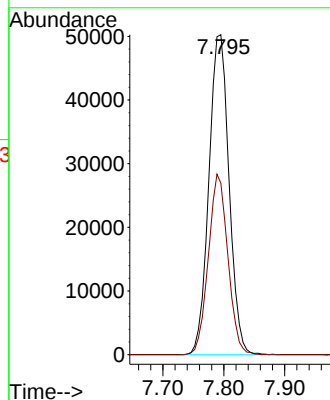
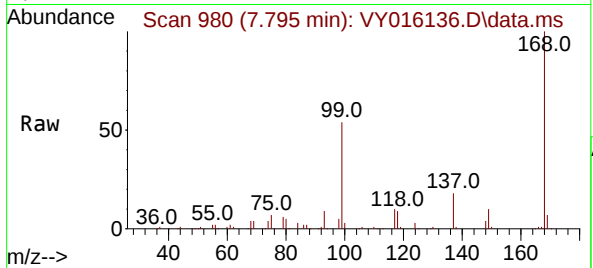




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016136.D
Acq: 30 Oct 2023 17:25

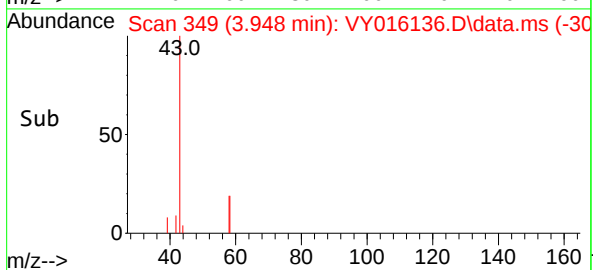
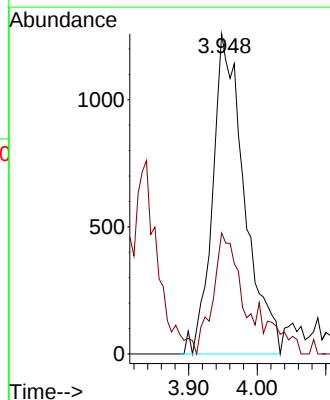
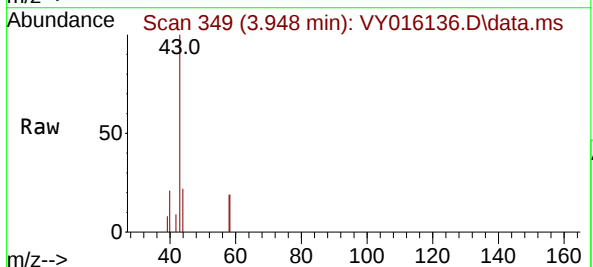
Instrument :
MSVOA_Y
ClientSampleId :
BLK

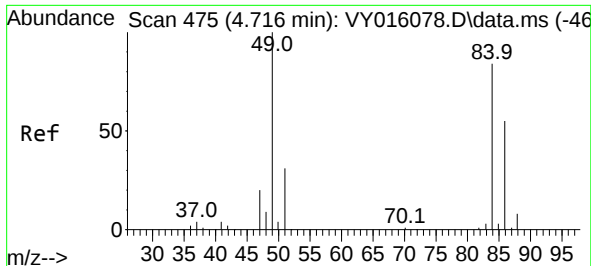
Tgt Ion:168 Resp: 115546
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 13.002 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016136.D
Acq: 30 Oct 2023 17:25

Tgt Ion: 43 Resp: 4049
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

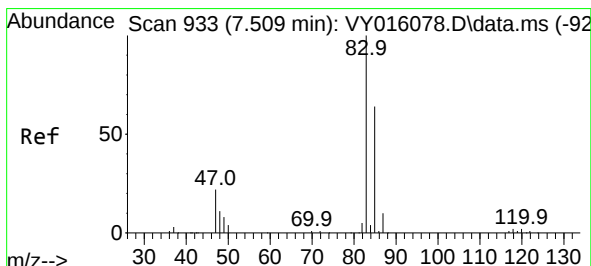
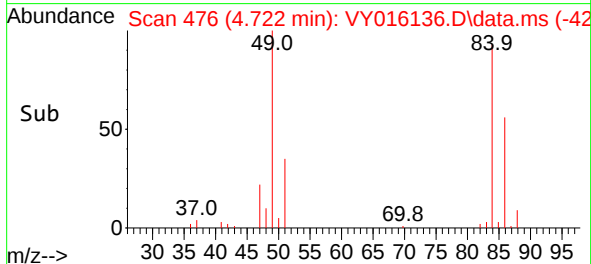
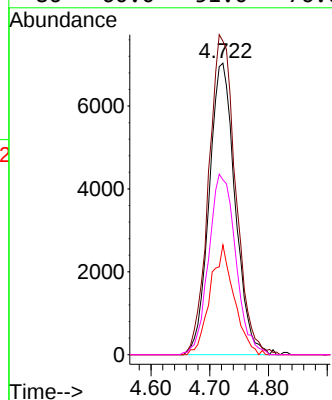
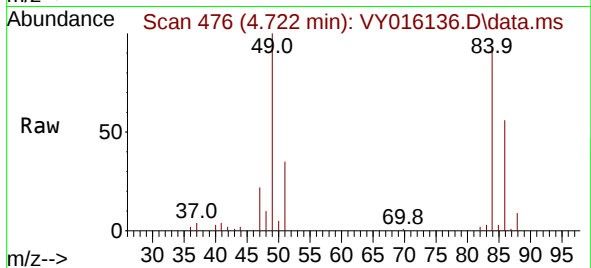




#20
Methylene Chloride
Concen: 13.576 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016136.D
Acq: 30 Oct 2023 17:25

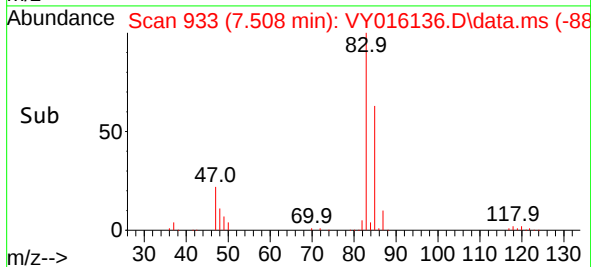
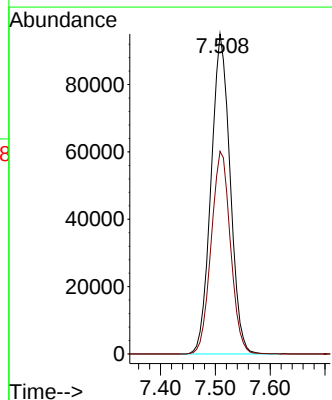
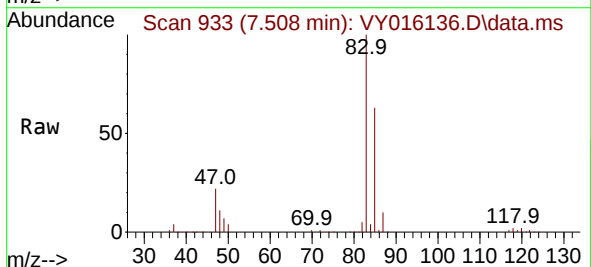
Instrument :
MSVOA_Y
ClientSampleId :
BLK

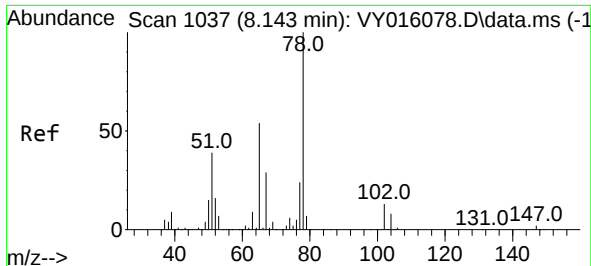
Tgt Ion:	84	Resp:	21613
Ion	Ratio	Lower	Upper
84	100		
49	107.5	106.9	160.3
51	37.7	33.2	49.8
86	60.0	51.0	76.6



#30
Chloroform
Concen: 106.632 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY016136.D
Acq: 30 Oct 2023 17:25

Tgt Ion:	83	Resp:	229036
Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.7	74.5

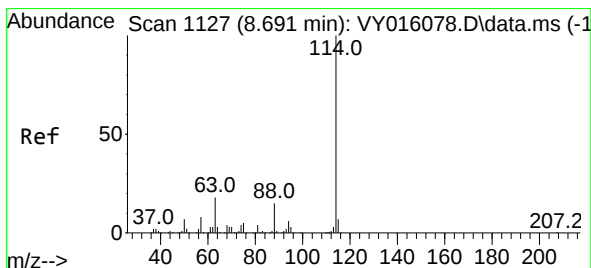
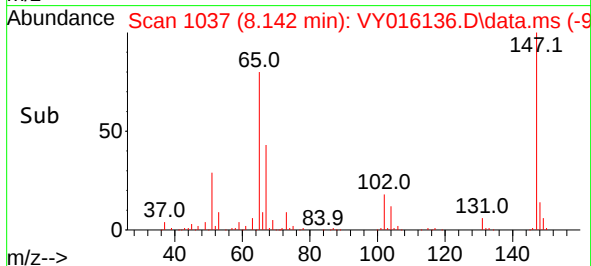
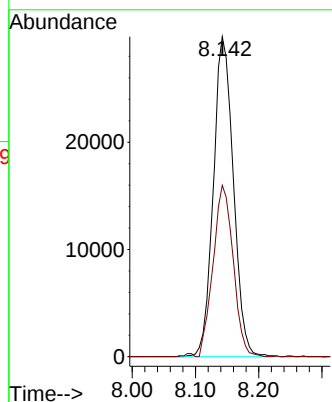
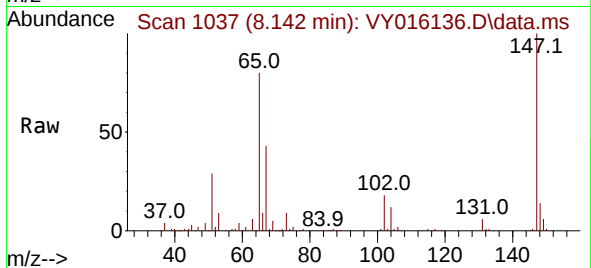




#33
 1,2-Dichloroethane-d4
 Concen: 56.950 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016136.D
 Acq: 30 Oct 2023 17:25

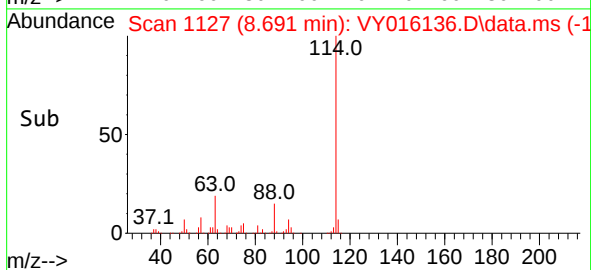
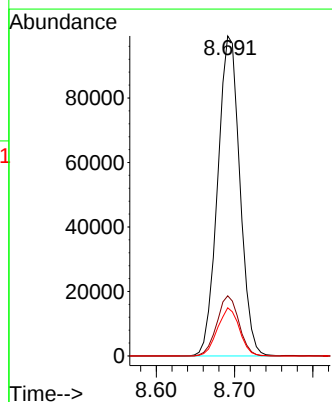
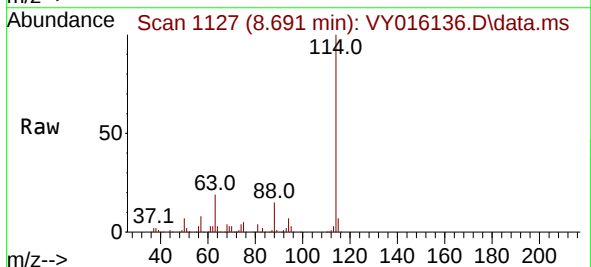
Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

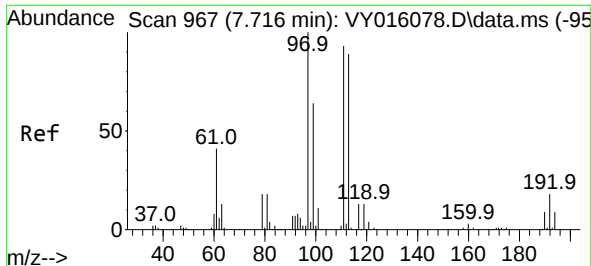
Tgt Ion: 65 Resp: 65433
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016136.D
 Acq: 30 Oct 2023 17:25

Tgt Ion: 114 Resp: 195581
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.1 0.0 30.6

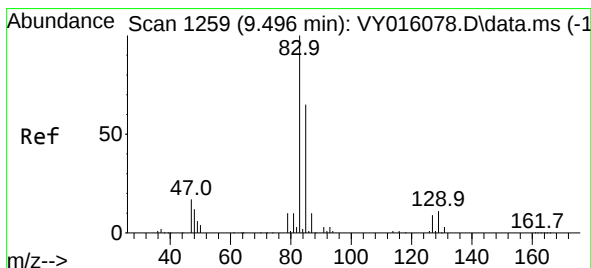
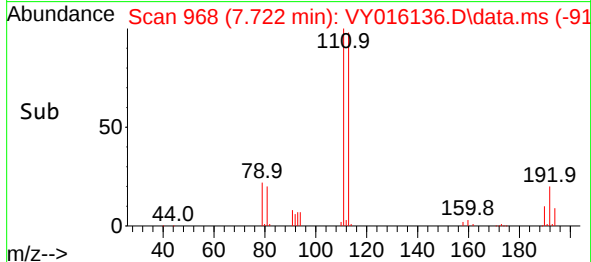
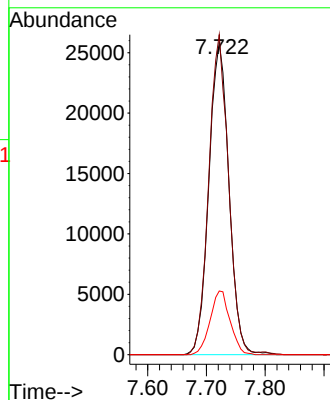
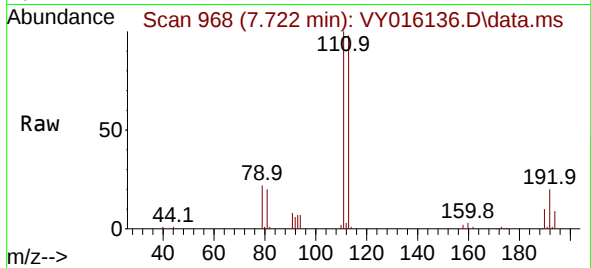




#35
Dibromofluoromethane
Concen: 49.743 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY016136.D
Acq: 30 Oct 2023 17:25

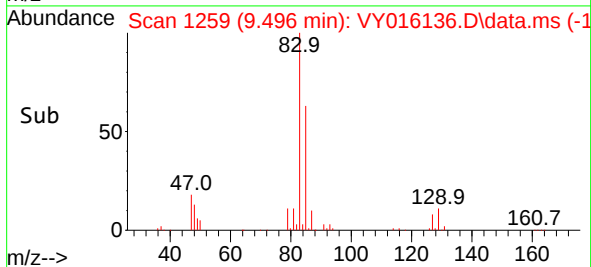
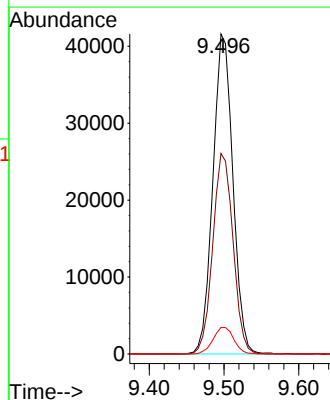
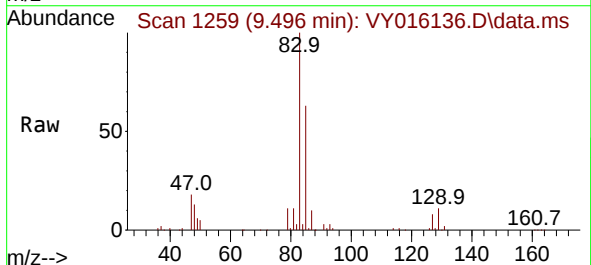
Instrument :
MSVOA_Y
ClientSampleId :
BLK

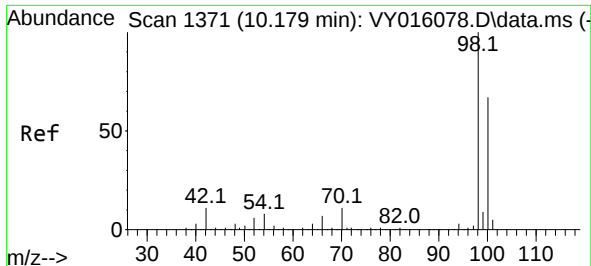
Tgt Ion:113 Resp: 61417
Ion Ratio Lower Upper
113 100
111 100.5 81.3 121.9
192 20.2 16.9 25.3



#47
Bromodichloromethane
Concen: 44.216 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016136.D
Acq: 30 Oct 2023 17:25

Tgt Ion: 83 Resp: 77327
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.3 7.1 10.7





#50

Toluene-d8

Concen: 50.309 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016136.D

Acq: 30 Oct 2023 17:25

Instrument :

MSVOA_Y

ClientSampleId :

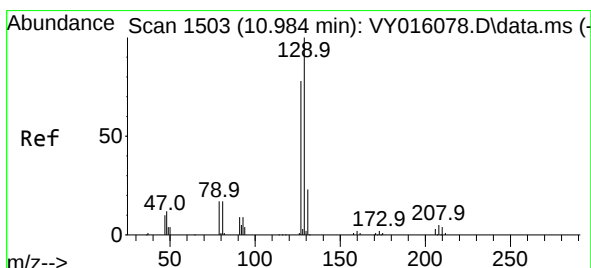
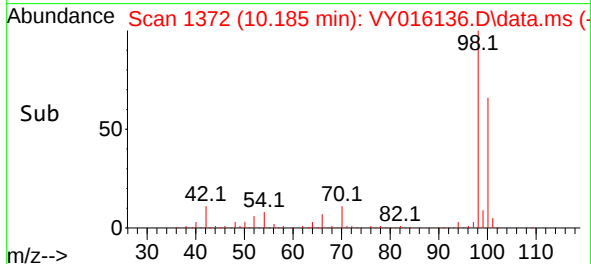
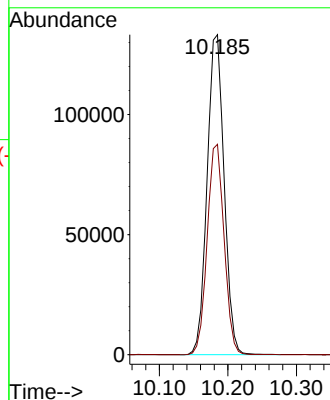
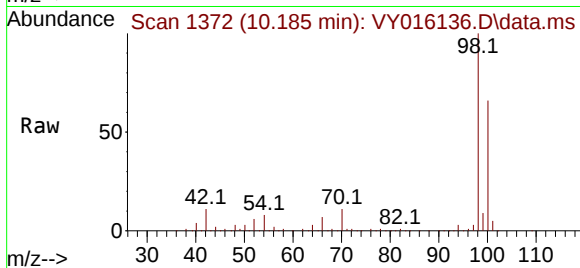
BLK

Tgt Ion: 98 Resp: 230088

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#60

Dibromochloromethane

Concen: 6.190 ug/l

RT: 10.989 min Scan# 1504

Delta R.T. 0.006 min

Lab File: VY016136.D

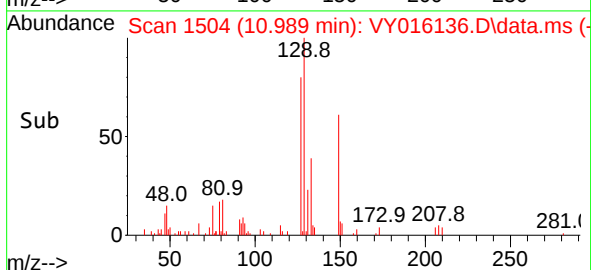
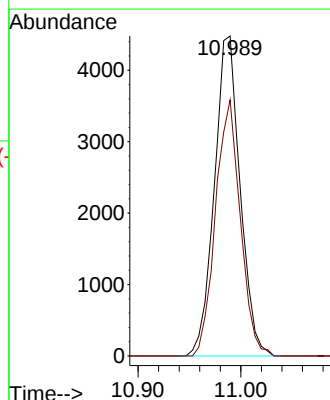
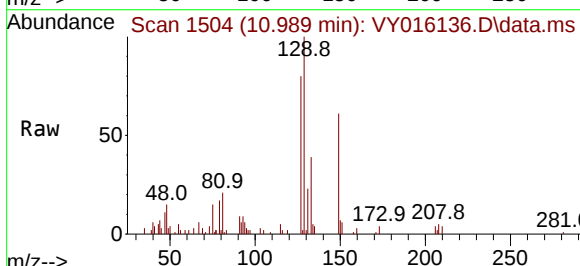
Acq: 30 Oct 2023 17:25

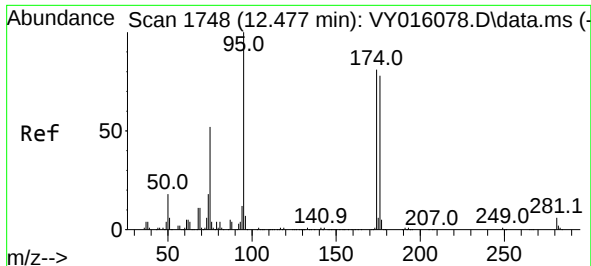
Tgt Ion: 129 Resp: 7788

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.5

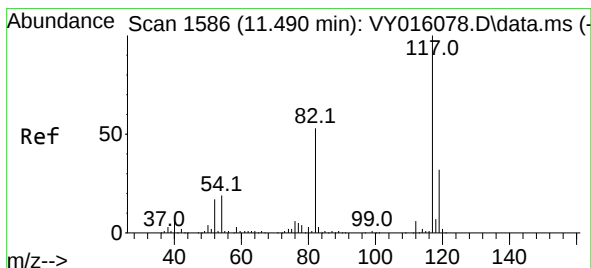
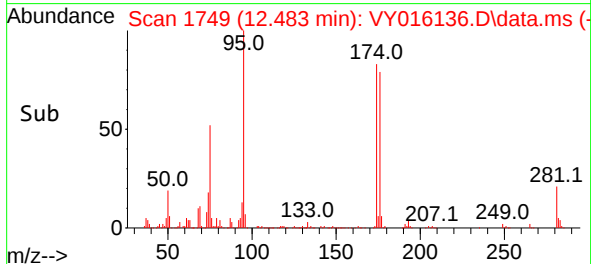
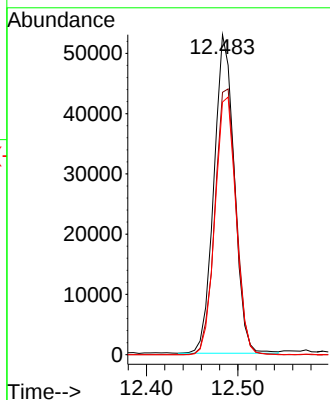
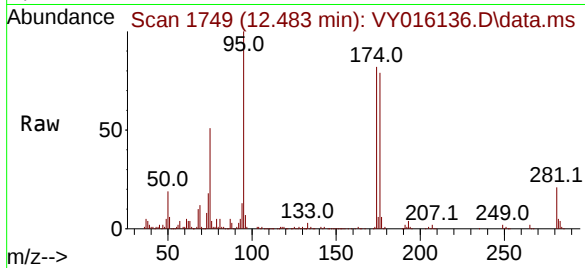




#62
4-Bromofluorobenzene
Concen: 52.217 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016136.D
Acq: 30 Oct 2023 17:25

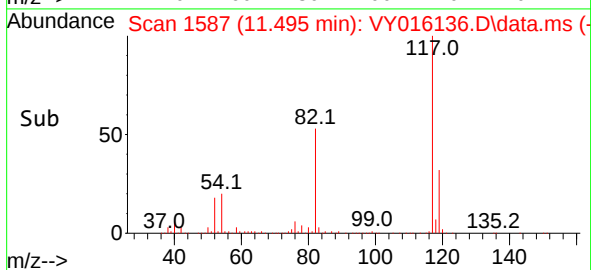
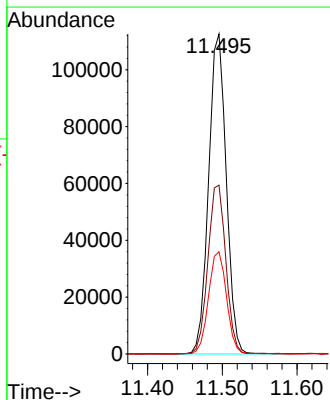
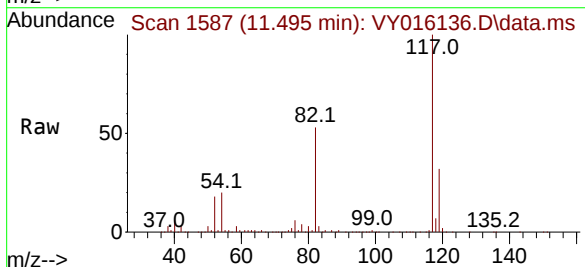
Instrument :
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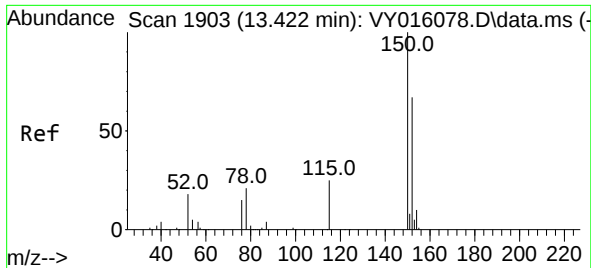
Tgt Ion: 95 Resp: 81920
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016136.D
Acq: 30 Oct 2023 17:25

Tgt Ion: 117 Resp: 184454
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.9 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016136.D
Acq: 30 Oct 2023 17:25

Instrument :
MSVOA_Y
ClientSampleId :
BLK

Tgt Ion:	152	Resp:	88039
Ion Ratio	Lower	Upper	
152	100		
115	57.8	28.8	86.5
150	157.5	0.0	348.8

