

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016163.D
 Acq On : 01 Nov 2023 13:06
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 02 02:23:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

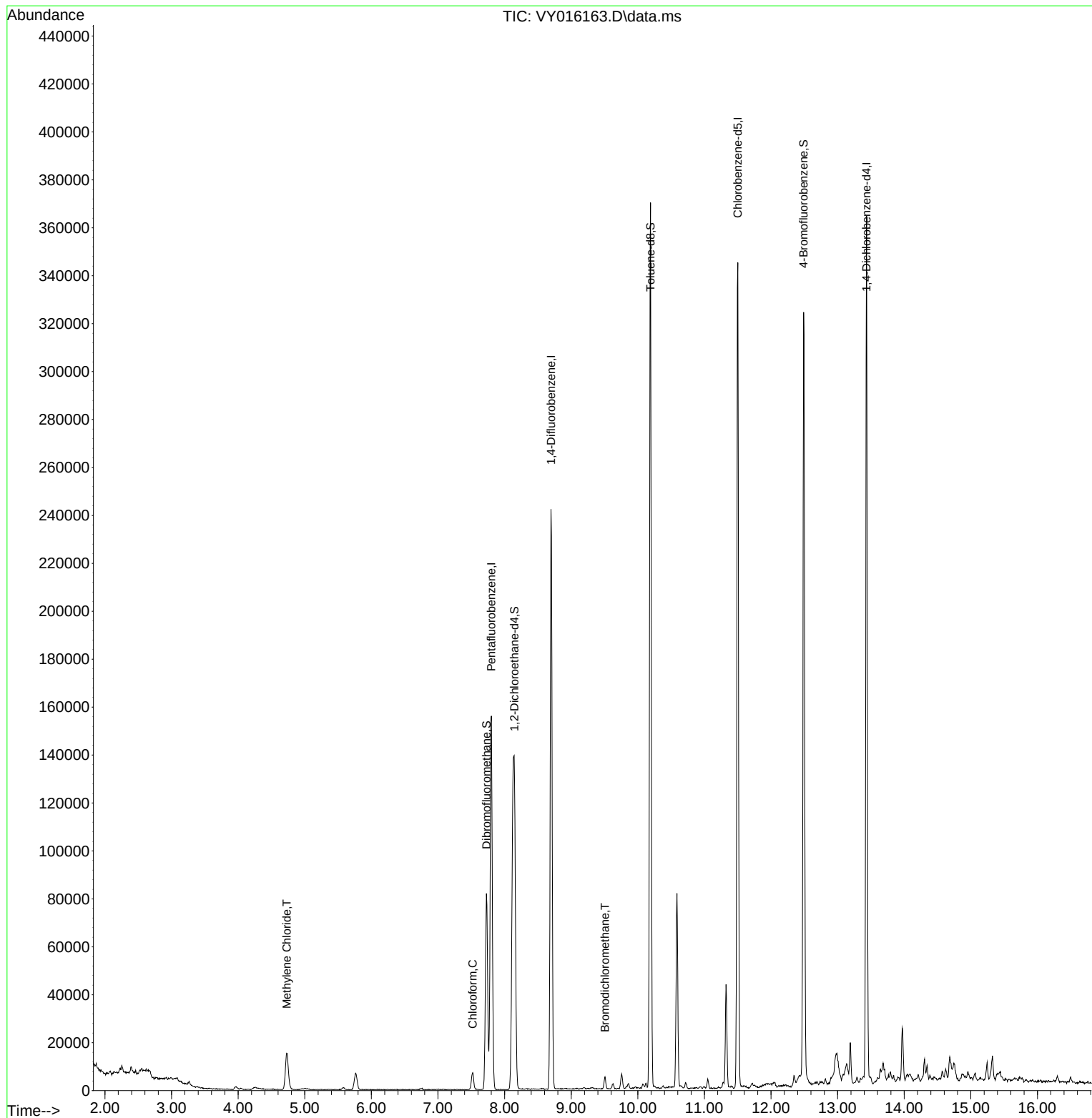
Internal Standards						
1) Pentafluorobenzene	7.801	168	124155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	209056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	192703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	67429	58.040	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	116.080%	
35) Dibromofluoromethane	7.728	113	57543	46.170	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	92.340%	
50) Toluene-d8	10.191	98	243582	49.294	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	98.580%	
62) 4-Bromofluorobenzene	12.489	95	85784	50.768	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	101.540%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.728	84	12507	8.028	ug/l #	80
30) Chloroform	7.521	83	7257	3.277	ug/l	98
47) Bromodichloromethane	9.508	83	3353	1.872	ug/l #	99

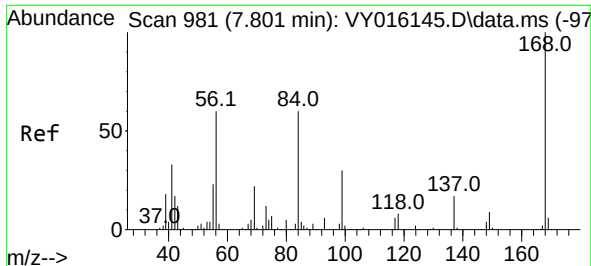
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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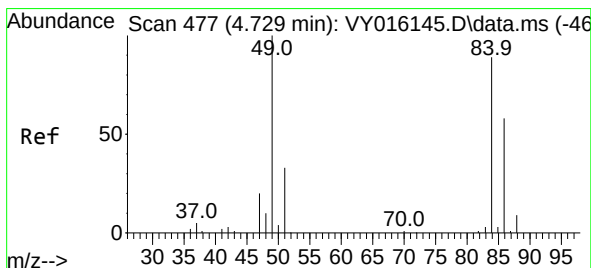
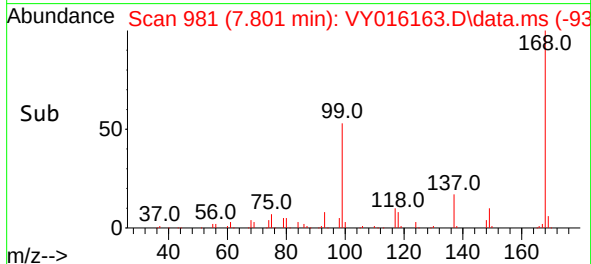
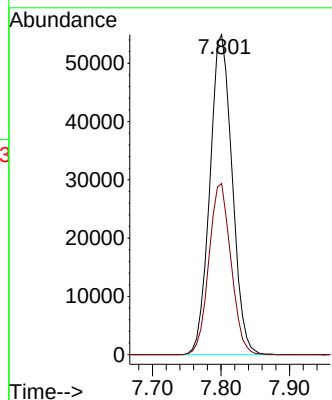
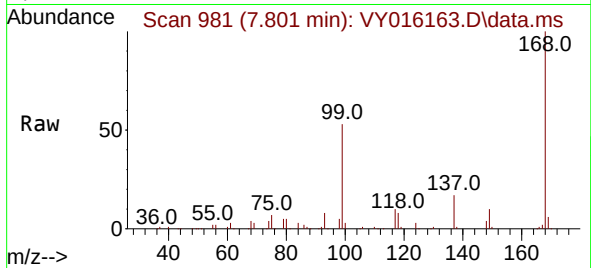




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

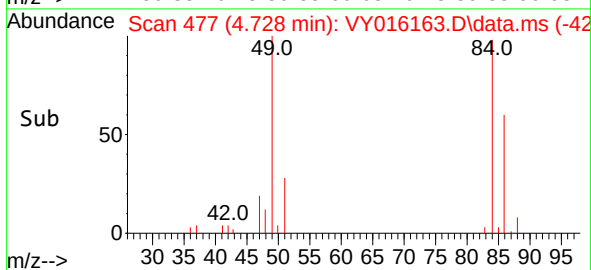
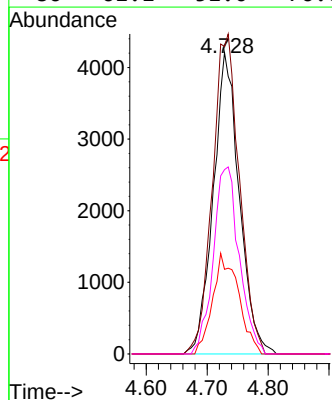
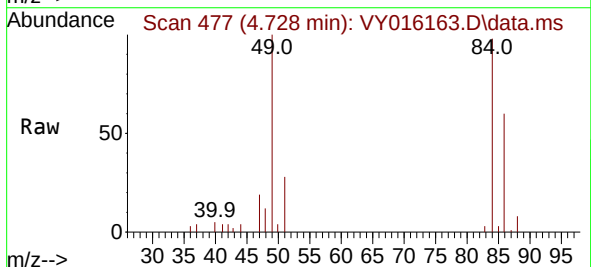
Instrument :
MSVOA_Y
ClientSampleId :
BLK

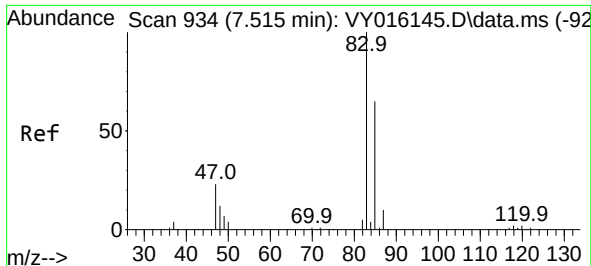
Tgt Ion:168 Resp: 124155
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#20
Methylene Chloride
Concen: 8.028 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

Tgt Ion: 84 Resp: 12507
Ion Ratio Lower Upper
84 100
49 102.0 106.9 160.3#
51 28.1 33.2 49.8#
86 61.1 51.0 76.6

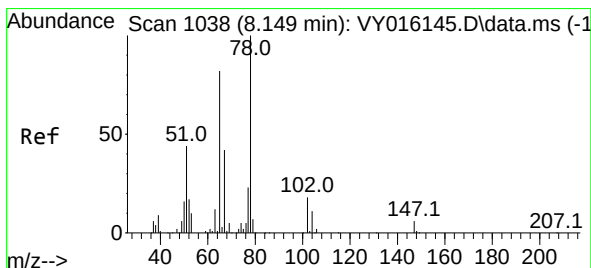
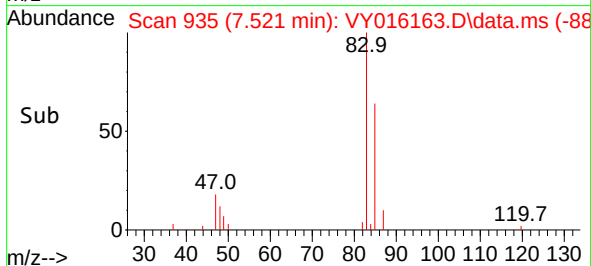
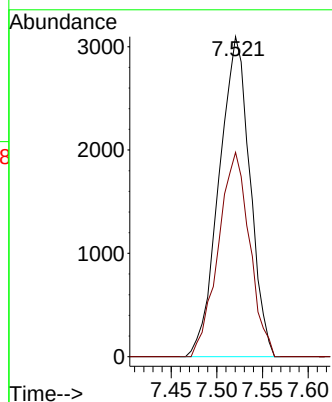
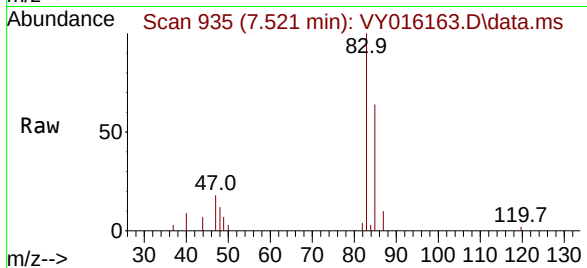




#30
Chloroform
Concen: 3.277 ug/l
RT: 7.521 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

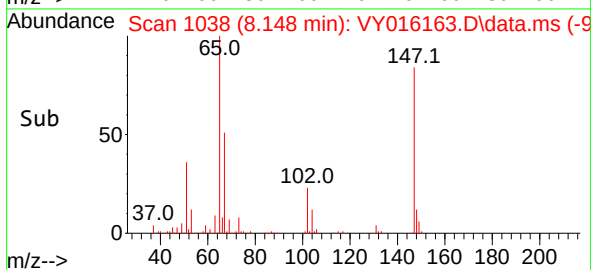
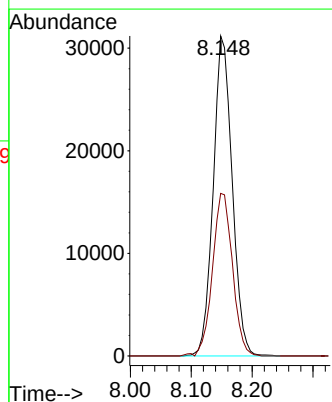
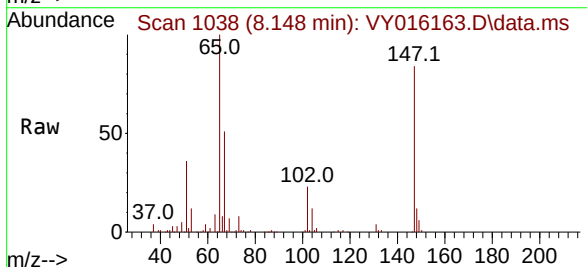
Instrument :
MSVOA_Y
ClientSampleId :
BLK

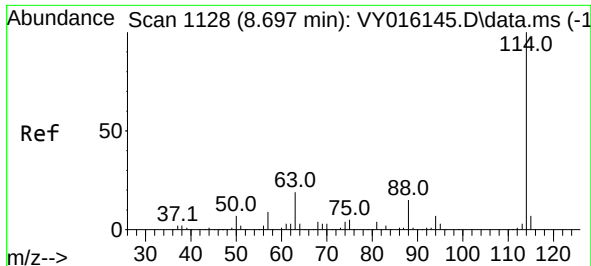
Tgt Ion: 83 Resp: 7257
Ion Ratio Lower Upper
83 100
85 63.9 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 58.040 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

Tgt Ion: 65 Resp: 67429
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8

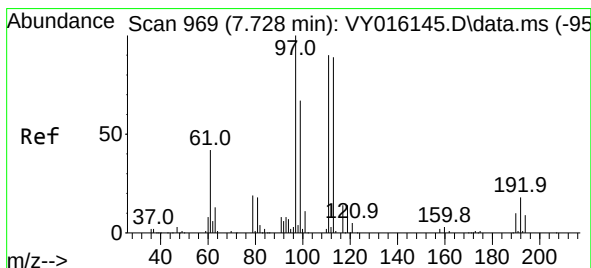
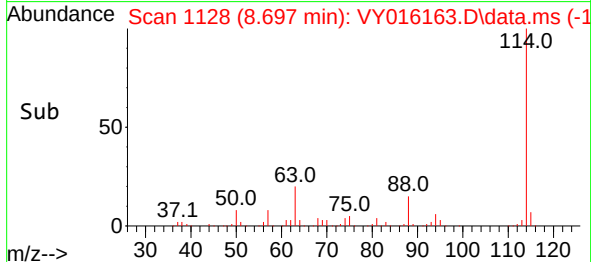
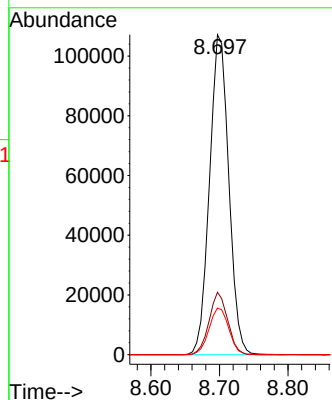
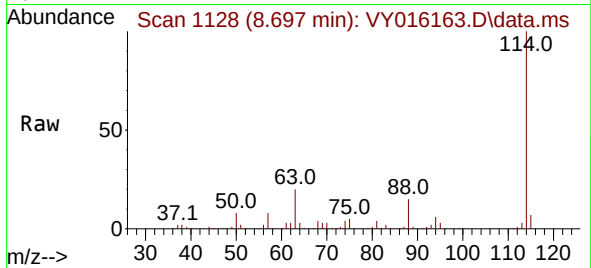




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

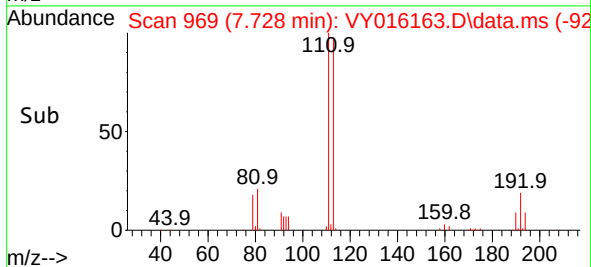
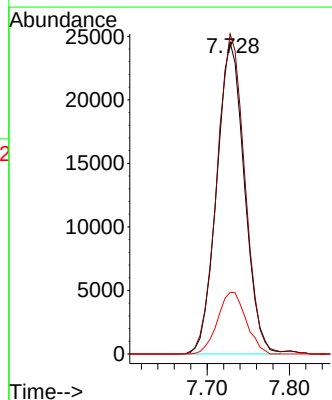
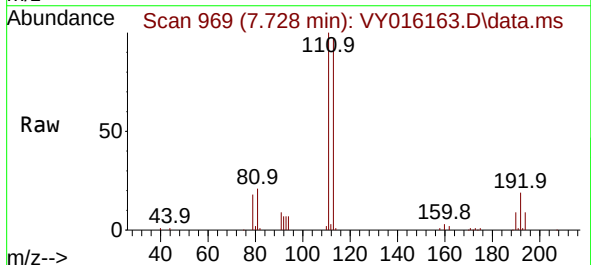
Instrument :
MSVOA_Y
ClientSampleId :
BLK

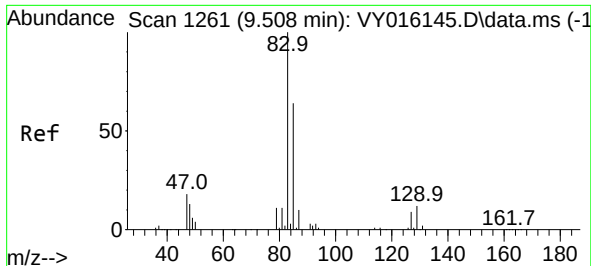
Tgt Ion:114 Resp: 209056
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.170 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

Tgt Ion:113 Resp: 57543
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 20.3 16.9 25.3

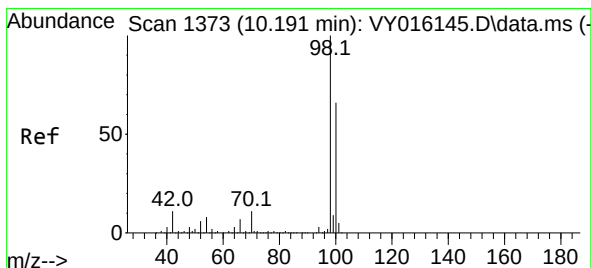
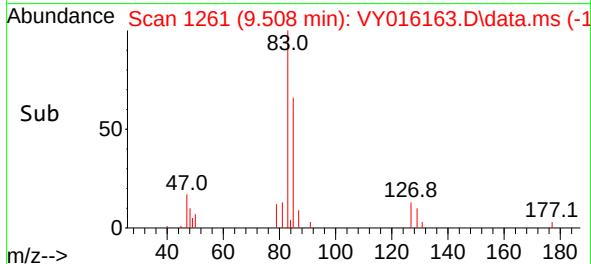
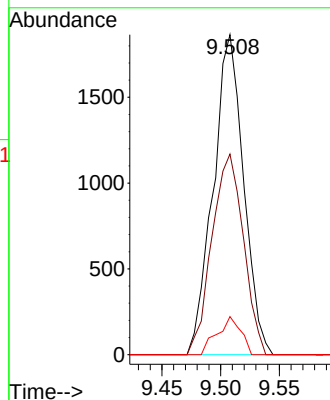
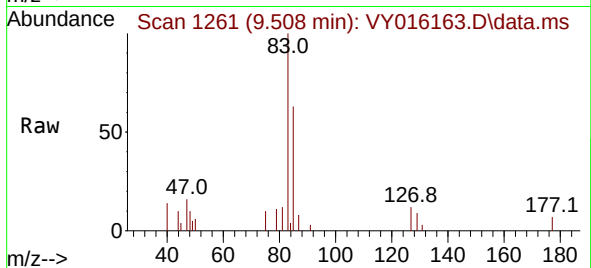




#47
Bromodichloromethane
Concen: 1.872 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

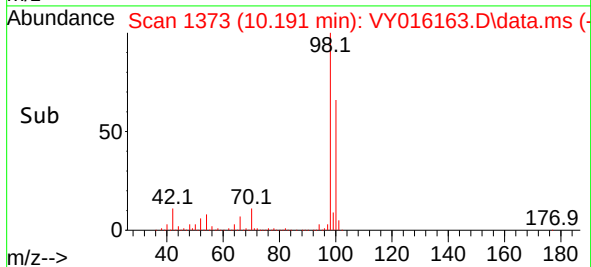
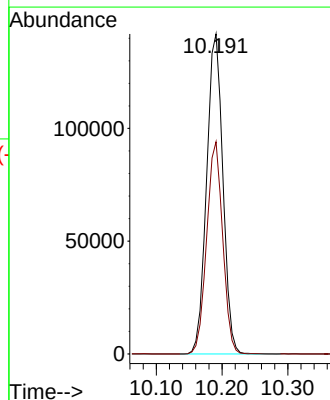
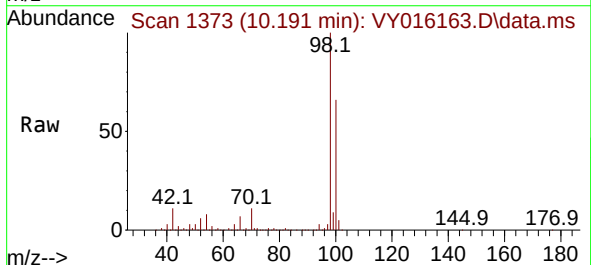
Instrument :
MSVOA_Y
ClientSampleId :
BLK

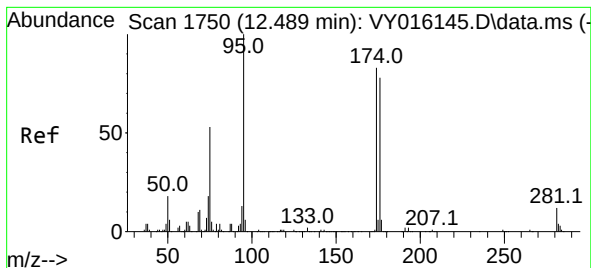
Tgt Ion: 83 Resp: 3353
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 11.9 7.1 10.7#



#50
Toluene-d8
Concen: 49.294 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

Tgt Ion: 98 Resp: 243582
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

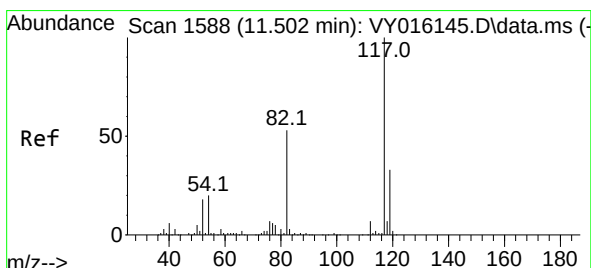
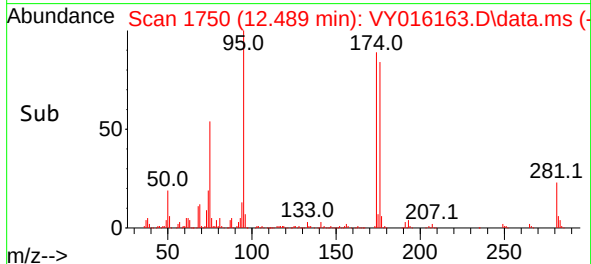
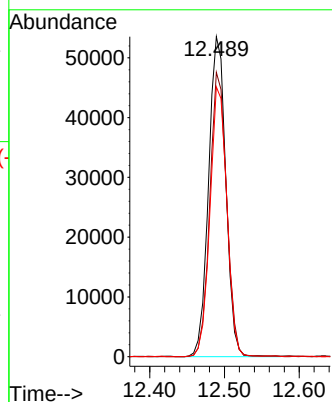
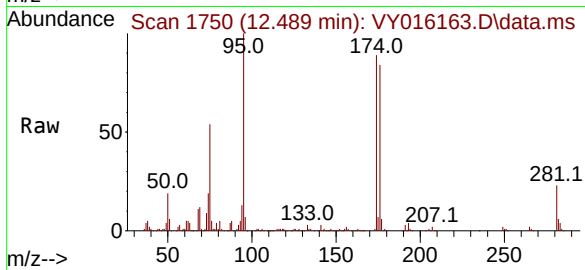




#62
4-Bromofluorobenzene
Concen: 50.768 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

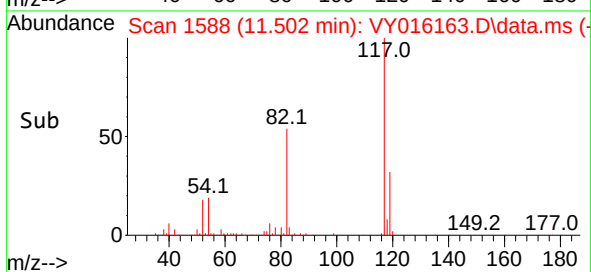
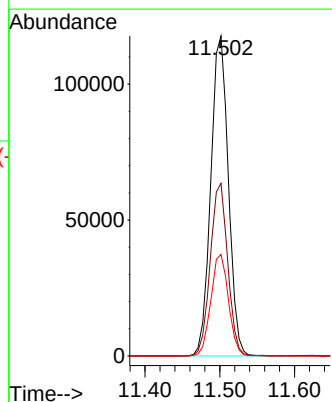
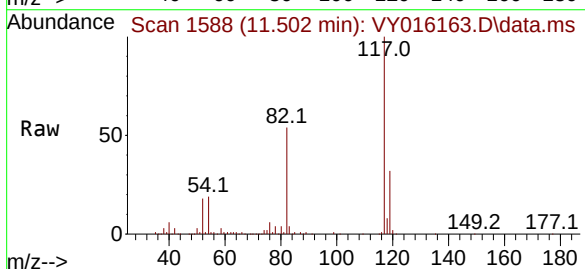
Instrument :
MSVOA_Y
ClientSampleId :
BLK

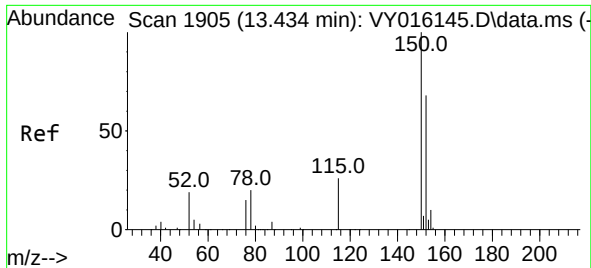
Tgt Ion: 95 Resp: 85784
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016163.D
Acq: 01 Nov 2023 13:06

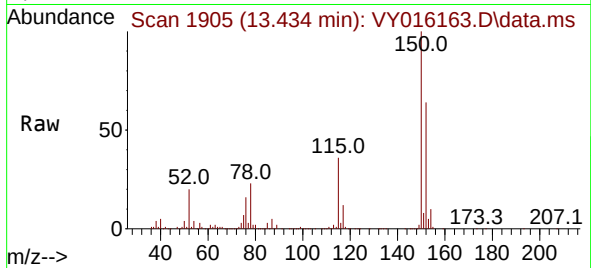
Tgt Ion: 117 Resp: 192703
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016163.D
 Acq: 01 Nov 2023 13:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK



Tgt Ion:152 Resp: 90369
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 157.9 0.0 348.8

