

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005243.D
 Acq On : 28 Jun 2021 12:54
 Operator : SY/MD
 Sample : M2866-01
 Misc : 3.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Quant Time: Jun 29 01:15:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

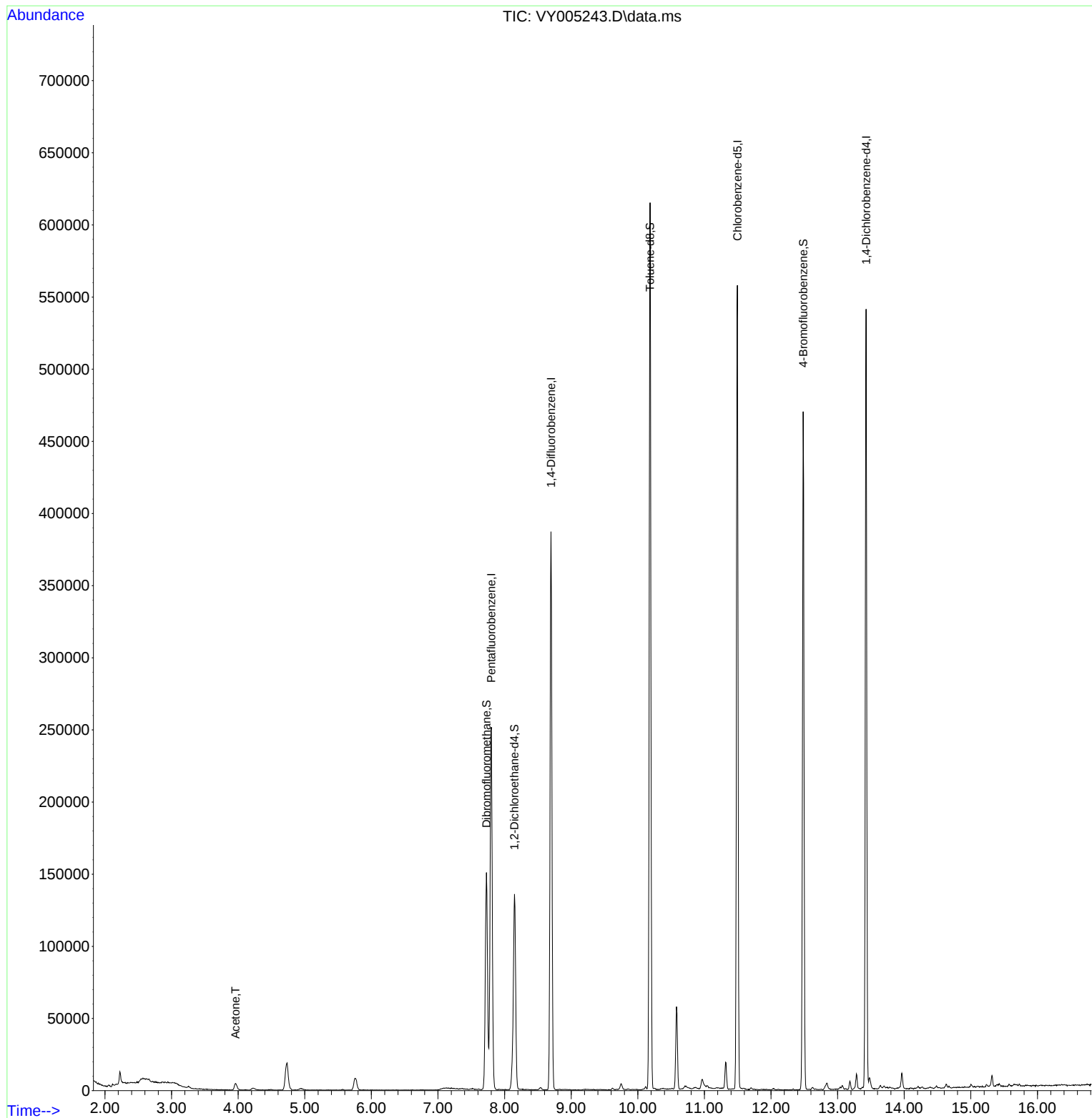
Internal Standards						
1) Pentafluorobenzene	7.801	168	222897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	349023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	328606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101998	55.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.280%
35) Dibromofluoromethane	7.728	113	105684	51.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.680%
50) Toluene-d8	10.185	98	417830	50.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.483	95	133401	48.633	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.260%
Target Compounds						
16) Acetone	3.960	43	8241	19.286	ug/l	Qvalue 94

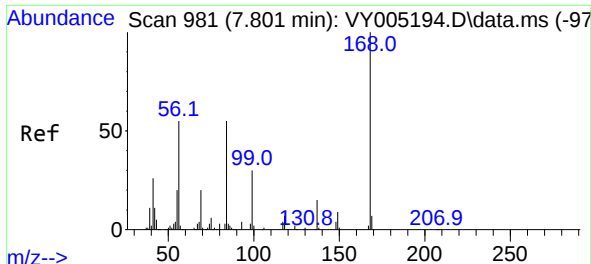
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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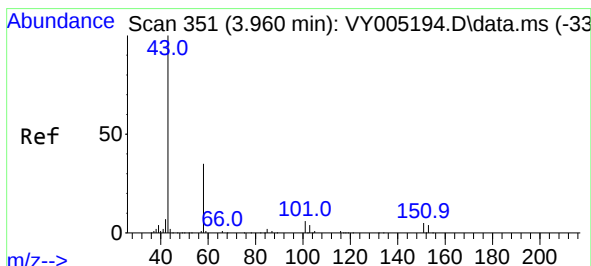
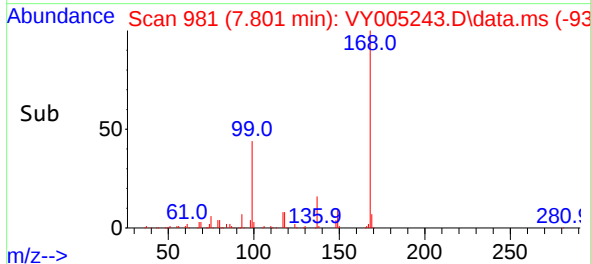
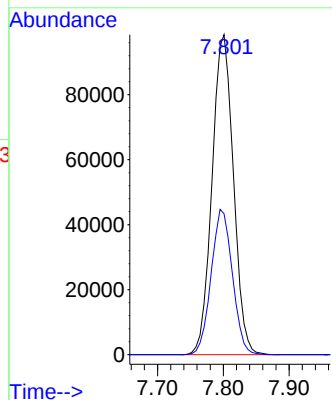
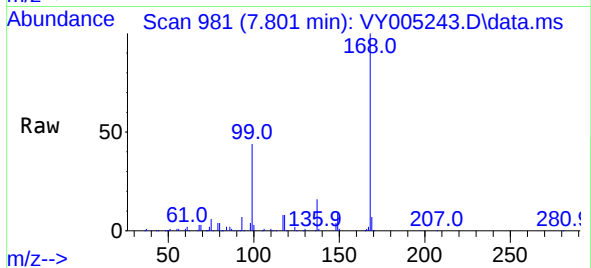




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

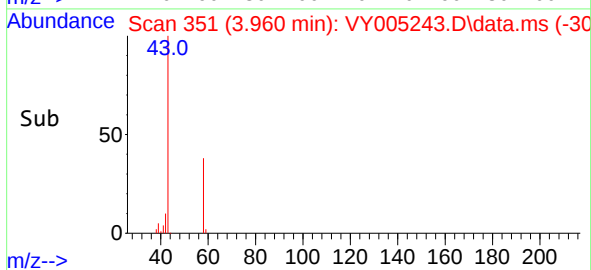
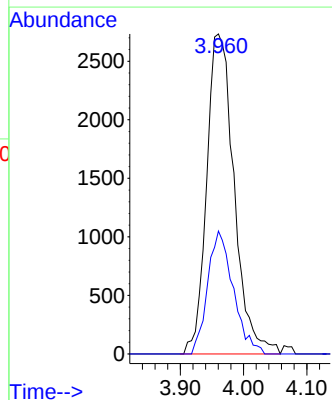
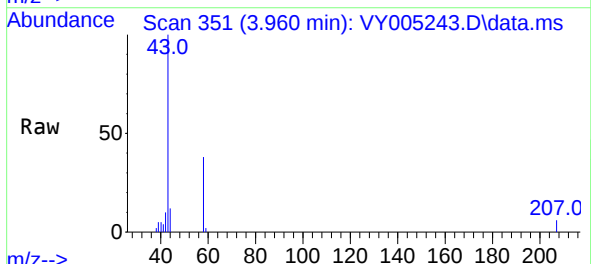
Instrument :
MSVOA_Y
ClientSampleId :
124055

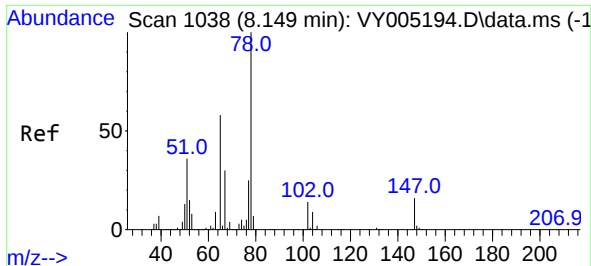
Tgt Ion:168 Resp: 222897
Ion Ratio Lower Upper
168 100
99 44.1 36.2 54.4



#16
Acetone
Concen: 19.286 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Tgt Ion: 43 Resp: 8241
Ion Ratio Lower Upper
43 100
58 38.4 28.2 42.2

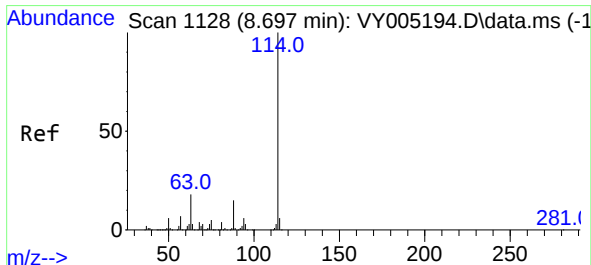
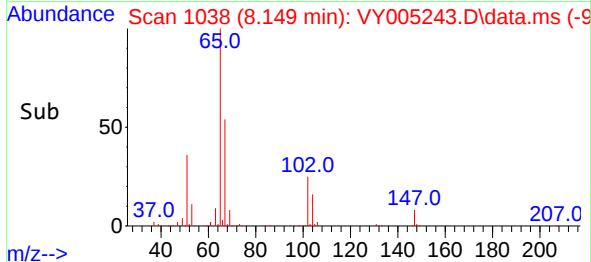
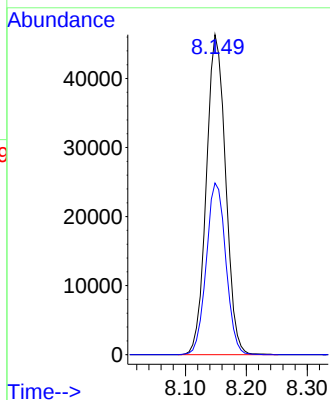
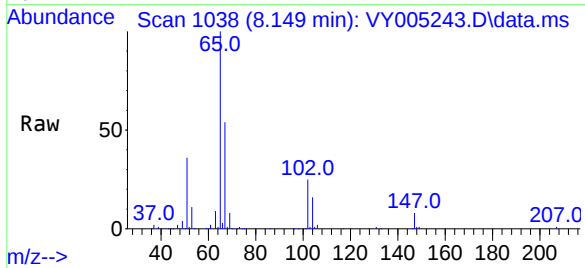




#33
1,2-Dichloroethane-d4
Concen: 55.142 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

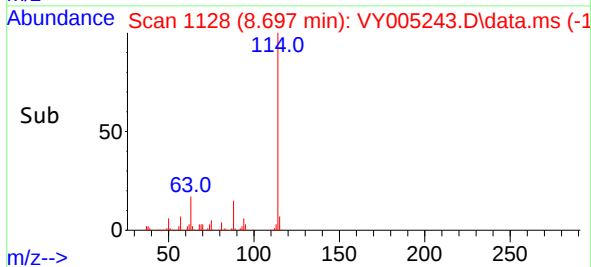
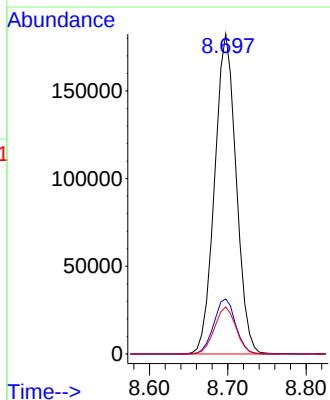
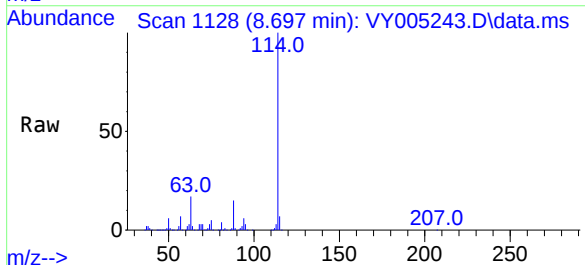
Instrument :
MSVOA_Y
ClientSampleId :
124055

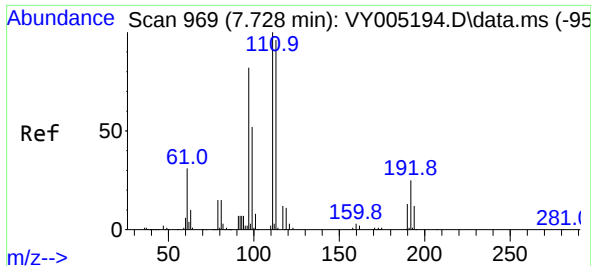
Tgt Ion: 65 Resp: 101998
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Tgt Ion: 114 Resp: 349023
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.2
88 14.7 0.0 29.4

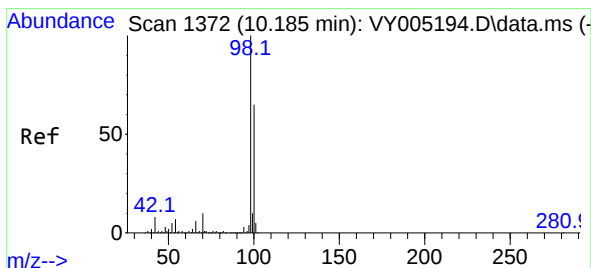
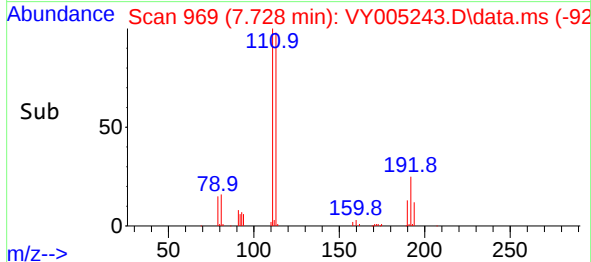
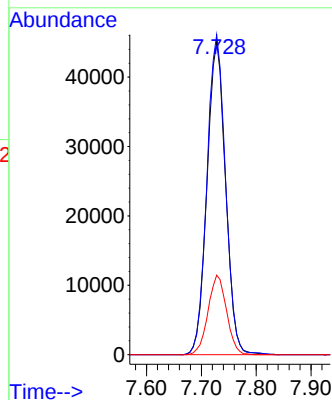
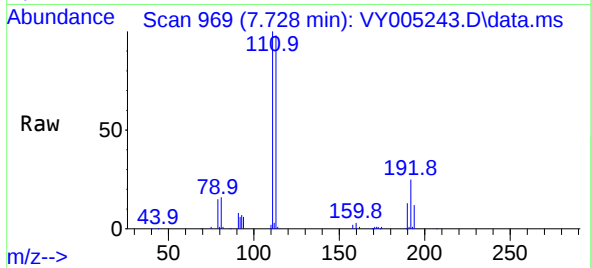




#35
Dibromofluoromethane
Concen: 51.343 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

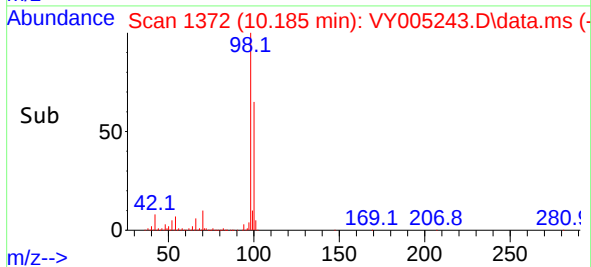
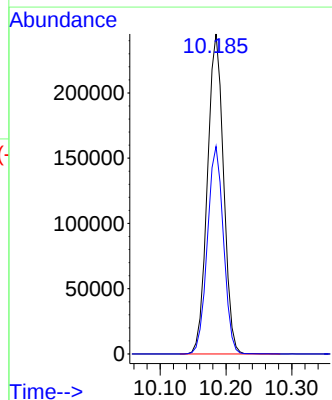
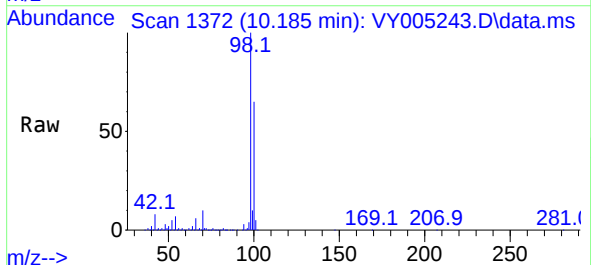
Instrument :
MSVOA_Y
ClientSampleId :
124055

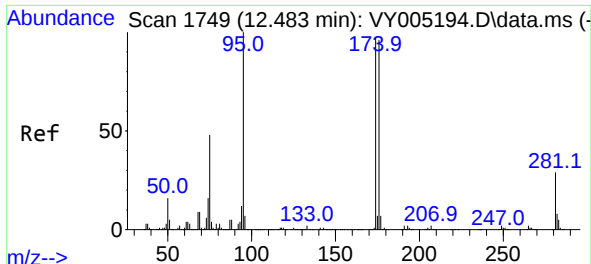
Tgt Ion:113 Resp: 105684
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 25.3 20.2 30.2



#50
Toluene-d8
Concen: 50.759 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Tgt Ion: 98 Resp: 417830
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



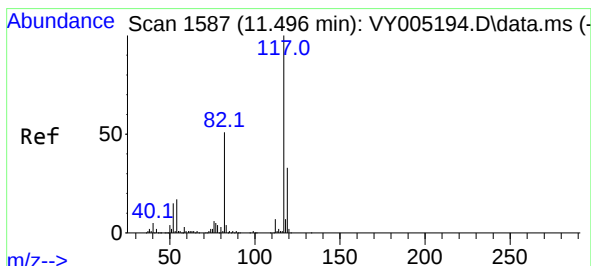
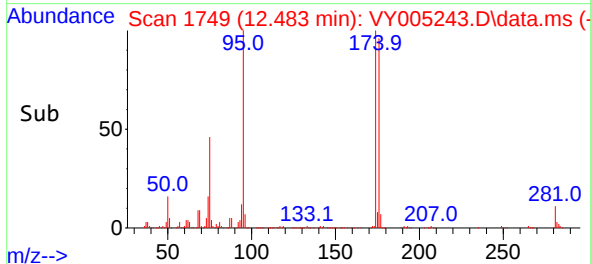
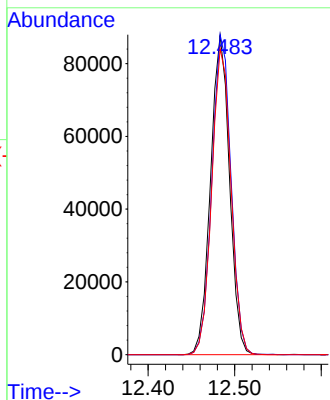
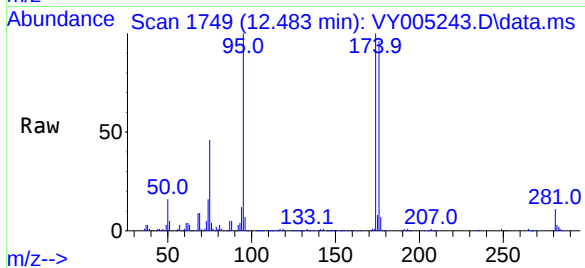


#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Instrument :
MSVOA_Y
ClientSampleId :
124055

Tgt Ion: 95 Resp: 133401

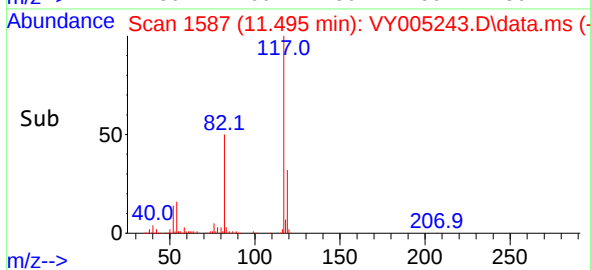
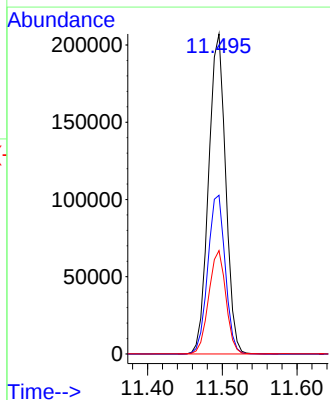
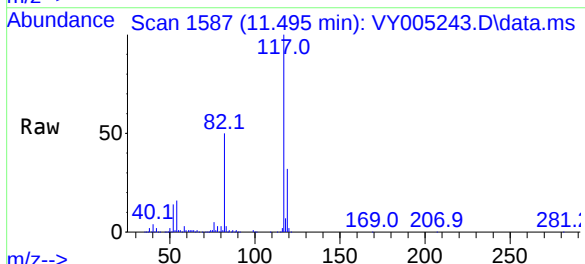
Ion	Ratio	Lower	Upper
95	100		
174	100.9	0.0	201.6
176	97.1	0.0	197.4

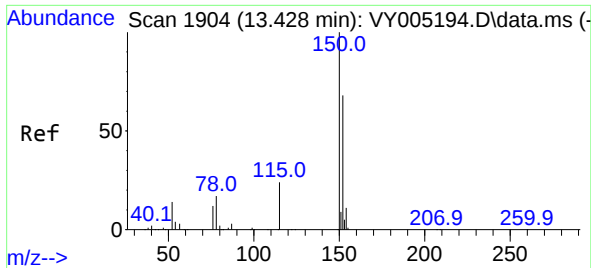


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Tgt Ion: 117 Resp: 328606

Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.6	60.8
119	32.2	26.1	39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005243.D
 Acq: 28 Jun 2021 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Tgt Ion:152 Resp: 149514
 Ion Ratio Lower Upper
 152 100
 115 53.2 26.3 78.8
 150 156.5 0.0 344.2

