

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005244.D
 Acq On : 28 Jun 2021 13:17
 Operator : SY/MD
 Sample : M2866-03
 Misc : 6.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124030

Quant Time: Jun 29 01:16:01 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)

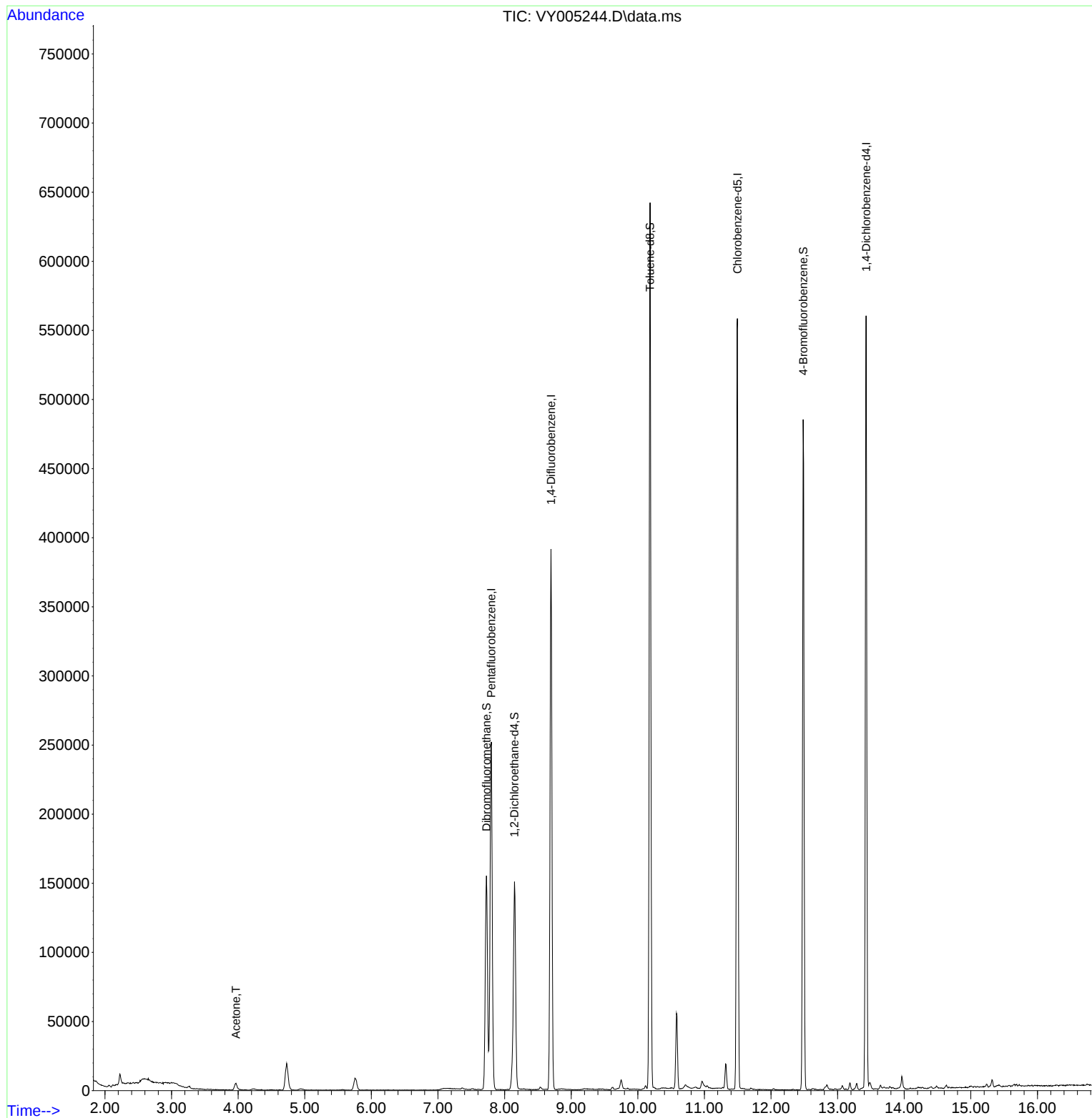
Internal Standards						
1) Pentafluorobenzene	7.801	168	222747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	354090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	340800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111766	60.464	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	120.920%	
35) Dibromofluoromethane	7.728	113	110022	52.686	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	105.380%	
50) Toluene-d8	10.184	98	428001	51.251	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	102.500%	
62) 4-Bromofluorobenzene	12.483	95	138415	49.739	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	99.480%	
Target Compounds						
16) Acetone	3.966	43	8381	19.627	ug/l	Qvalue 98

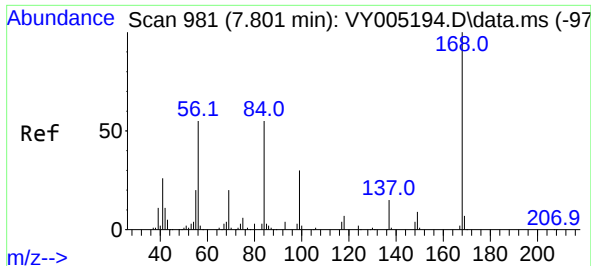
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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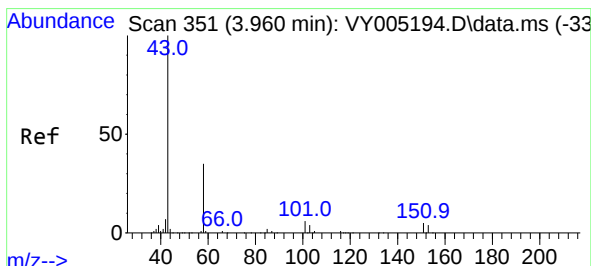
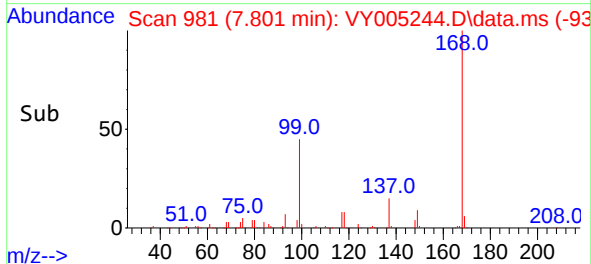
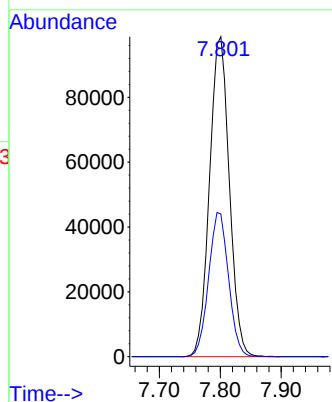
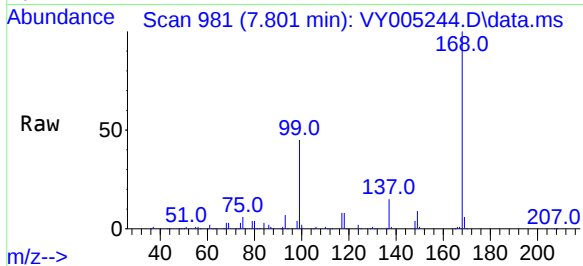




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

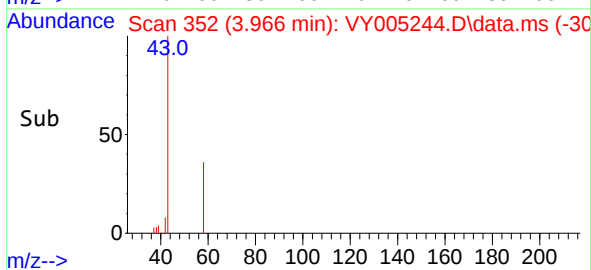
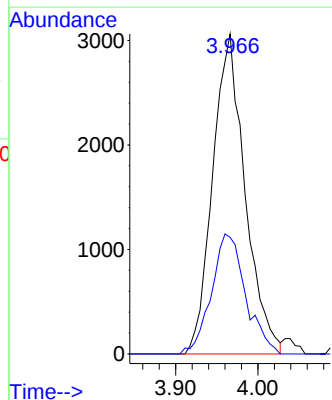
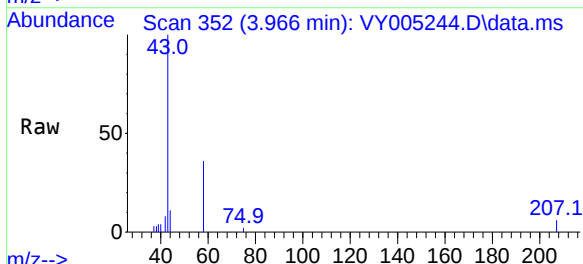
Instrument :
MSVOA_Y
ClientSampled :
124030

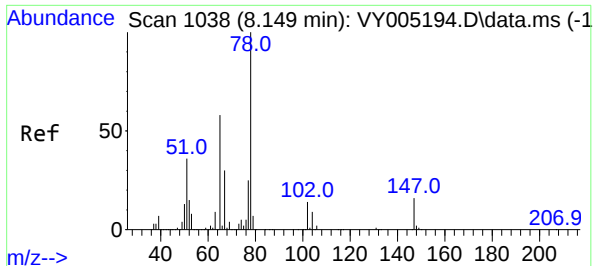
Tgt Ion:168 Resp: 222747
Ion Ratio Lower Upper
168 100
99 44.6 36.2 54.4



#16
Acetone
Concen: 19.627 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion: 43 Resp: 8381
Ion Ratio Lower Upper
43 100
58 36.4 28.2 42.2

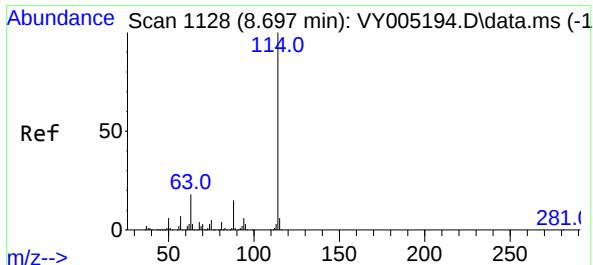
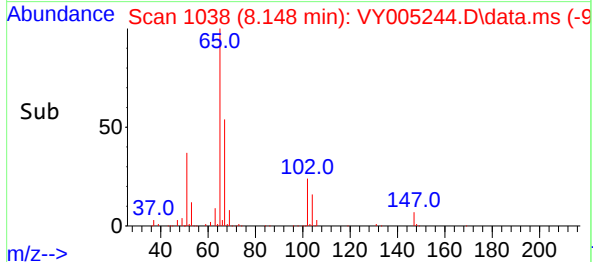
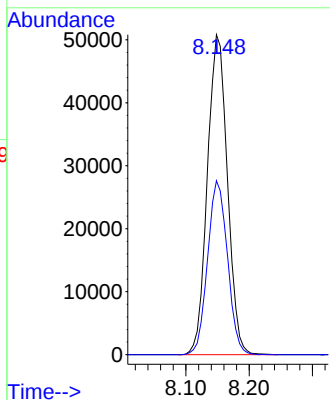
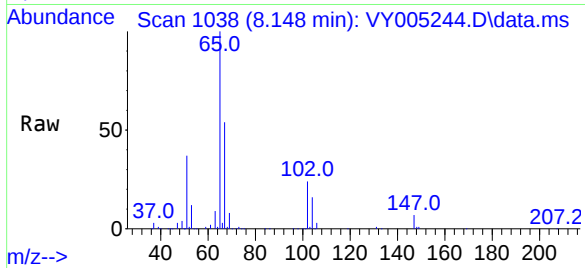




#33
1,2-Dichloroethane-d4
Concen: 60.464 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

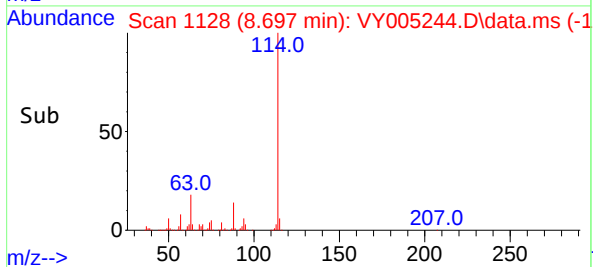
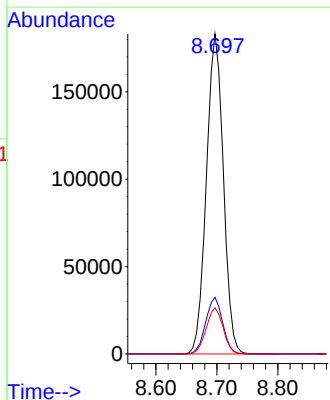
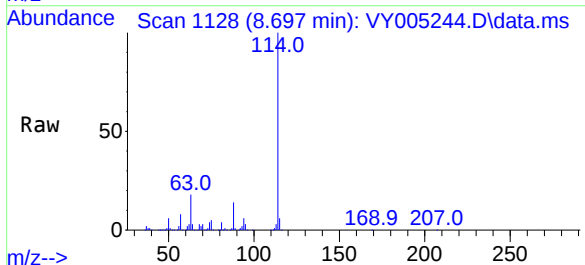
Instrument :
MSVOA_Y
ClientSampleId :
124030

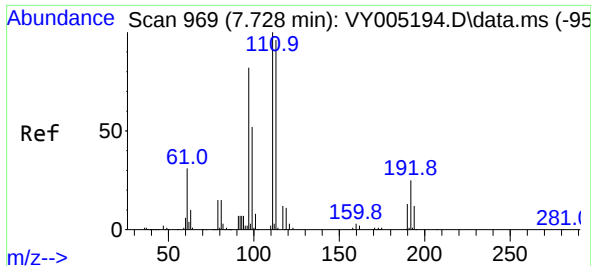
Tgt Ion: 65 Resp: 111766
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion: 114 Resp: 354090
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.4 0.0 29.4

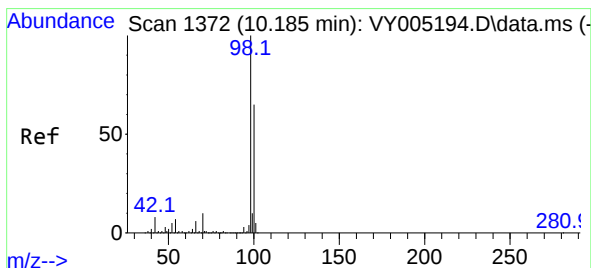
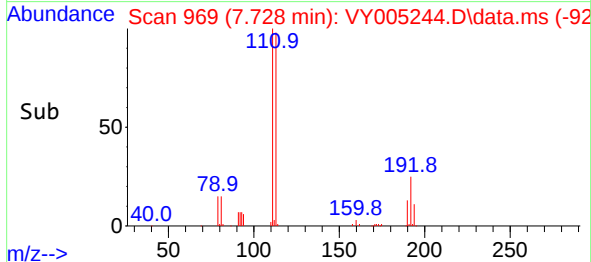
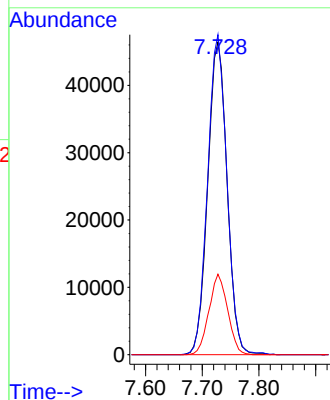
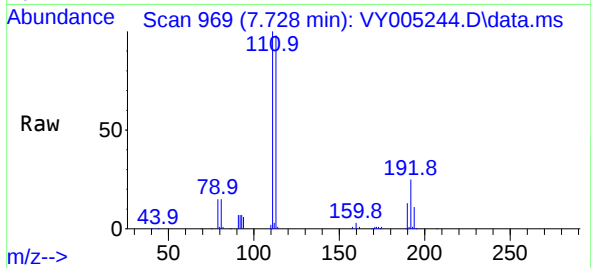




#35
Dibromofluoromethane
Concen: 52.686 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

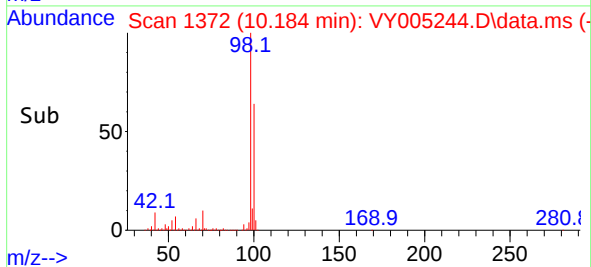
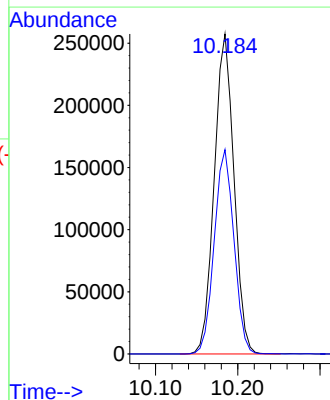
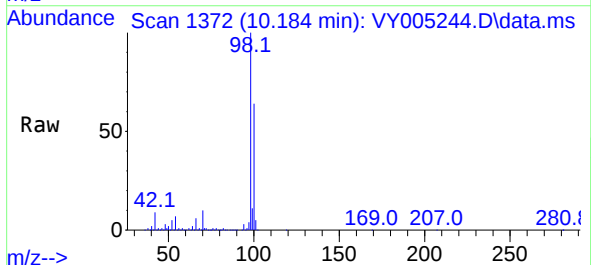
Instrument :
MSVOA_Y
ClientSampleId :
124030

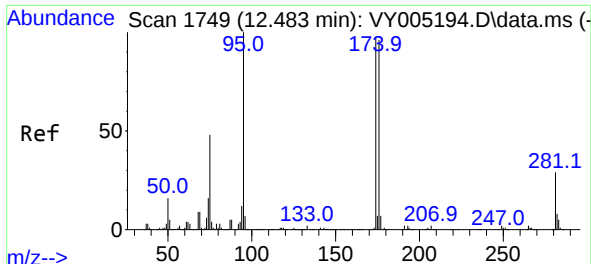
Tgt Ion:113 Resp: 110022
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 24.8 20.2 30.2



#50
Toluene-d8
Concen: 51.251 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion: 98 Resp: 428001
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



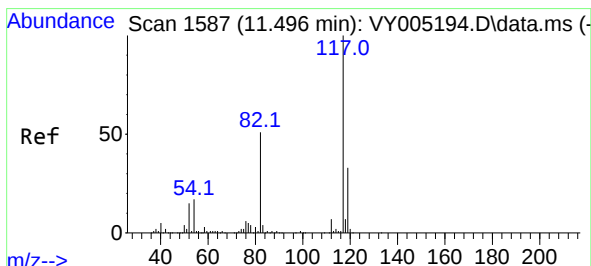
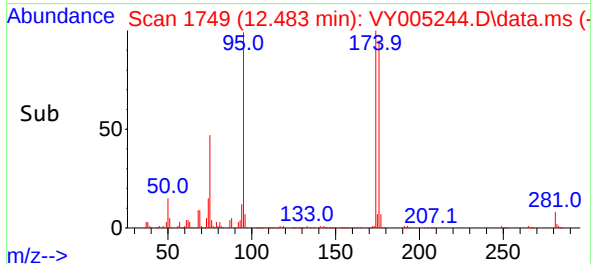
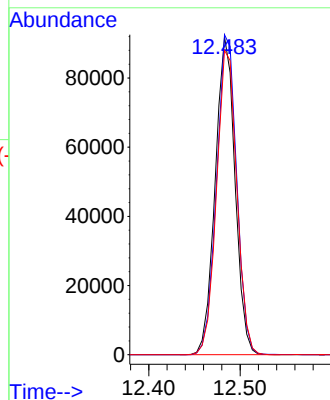
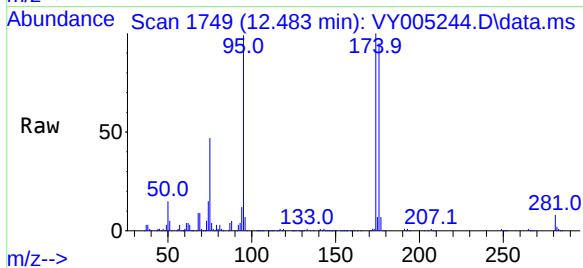


#62
4-Bromofluorobenzene
Concen: 49.739 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Instrument :
MSVOA_Y
ClientSampled :
124030

Tgt Ion: 95 Resp: 138415

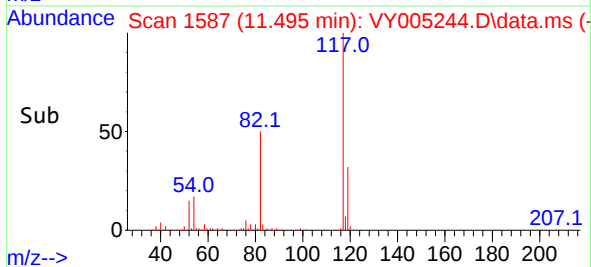
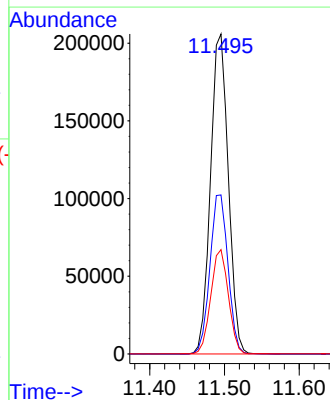
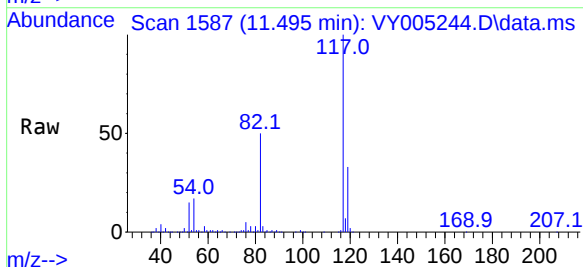
Ion	Ratio	Lower	Upper
95	100		
174	102.3	0.0	201.6
176	97.9	0.0	197.4

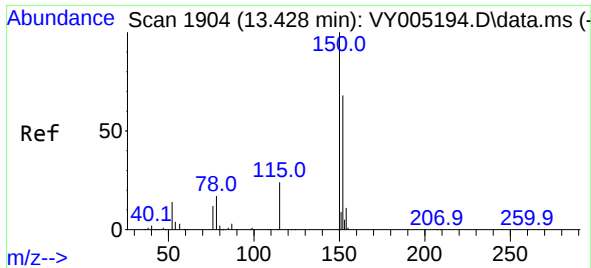


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion: 117 Resp: 340800

Ion	Ratio	Lower	Upper
117	100		
82	49.7	40.6	60.8
119	32.5	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: VY005244.D
 Acq: 28 Jun 2021 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 124030

Tgt Ion:152 Resp: 157014
 Ion Ratio Lower Upper
 152 100
 115 51.6 26.3 78.8
 150 157.1 0.0 344.2

