

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005487.D
 Acq On : 28 Jul 2021 14:23
 Operator : SY/MD
 Sample : M3198-05
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Quant Time: Jul 29 05:32:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

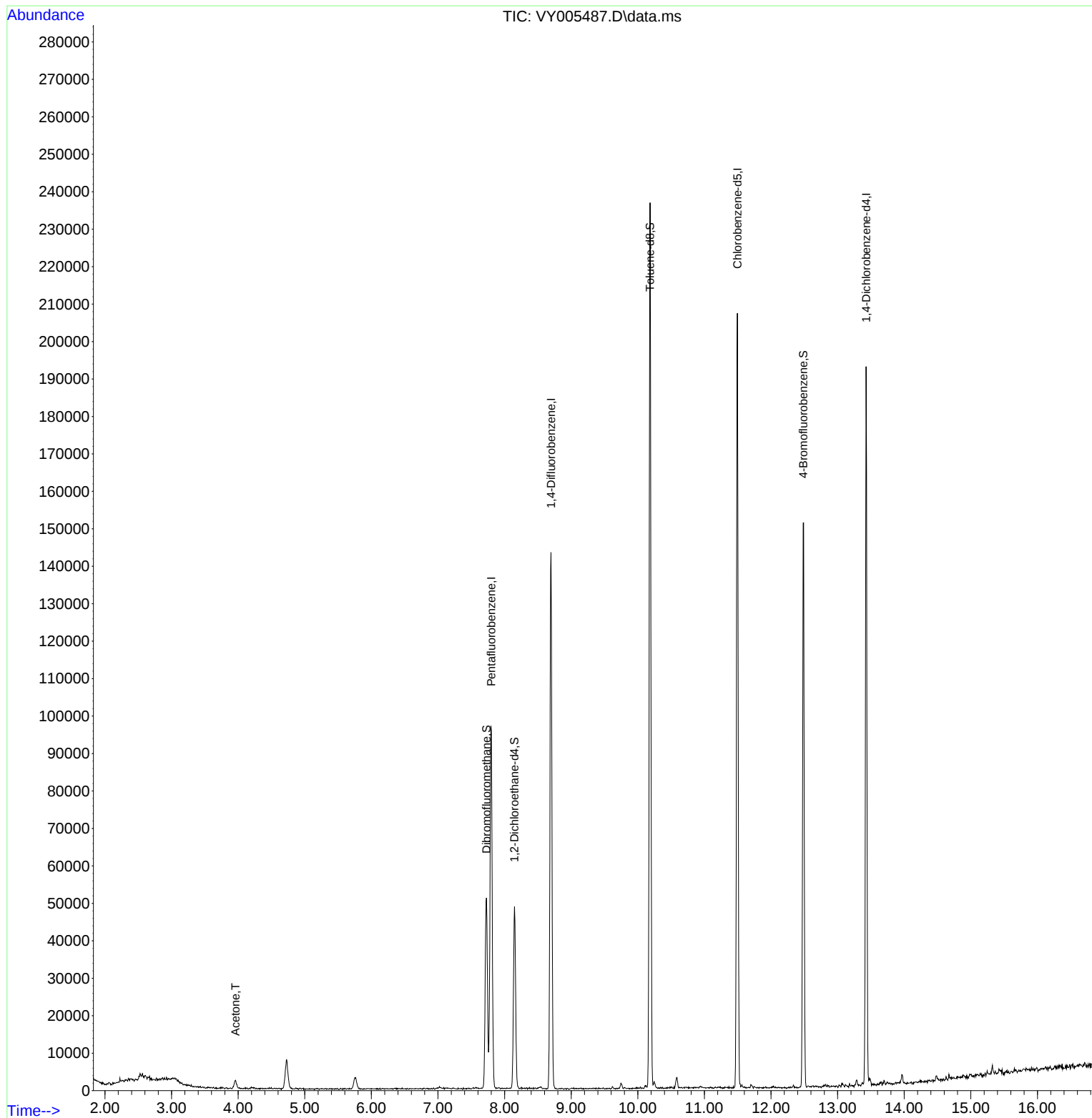
Internal Standards						
1) Pentafluorobenzene	7.801	168	80413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	122364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	111365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40418	47.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.100%
35) Dibromofluoromethane	7.728	113	34721	49.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.185	98	153774	51.351	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.700%
62) 4-Bromofluorobenzene	12.483	95	43657	44.172	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.340%
Target Compounds						
16) Acetone	3.960	43	3891	19.833	ug/l	Qvalue # 75

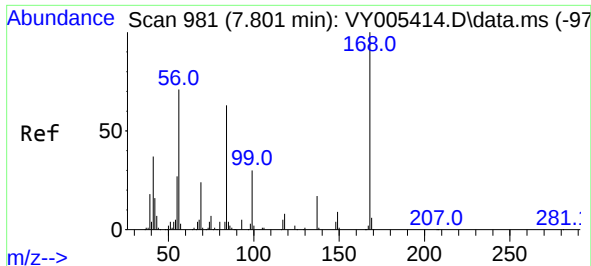
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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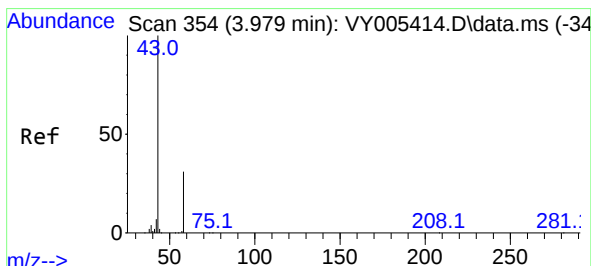
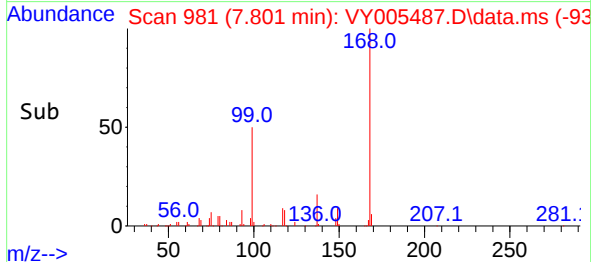
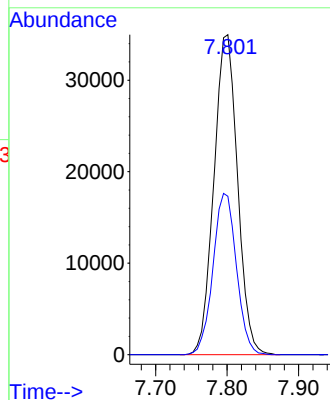
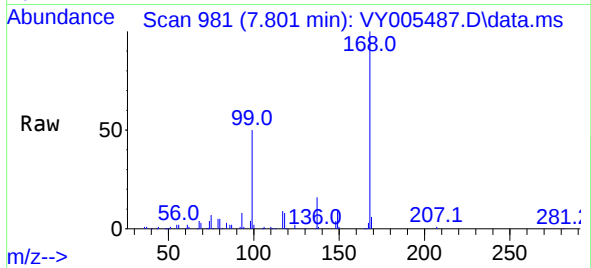




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

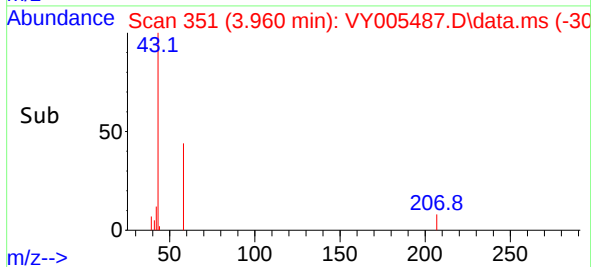
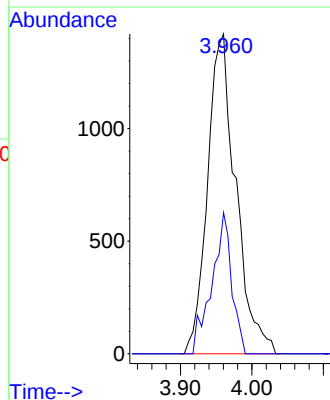
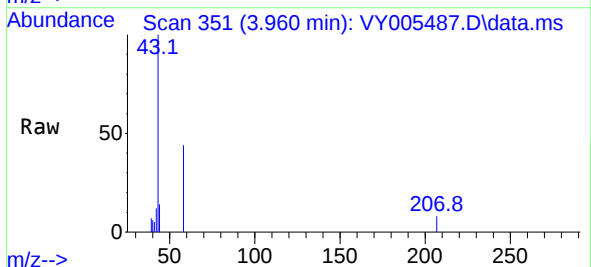
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

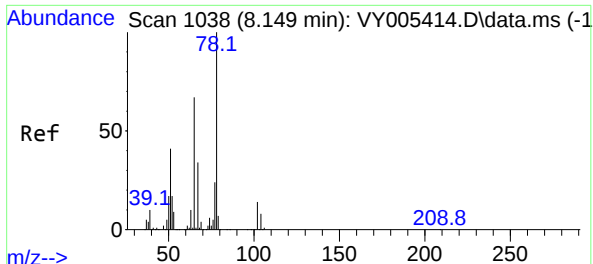
Tgt Ion:168 Resp: 80413
Ion Ratio Lower Upper
168 100
99 49.5 39.8 59.6



#16
Acetone
Concen: 19.833 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

Tgt Ion: 43 Resp: 3891
Ion Ratio Lower Upper
43 100
58 44.2 24.5 36.7#

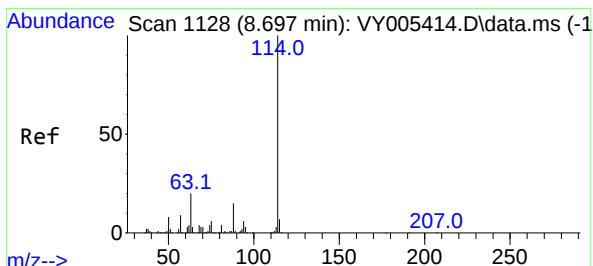
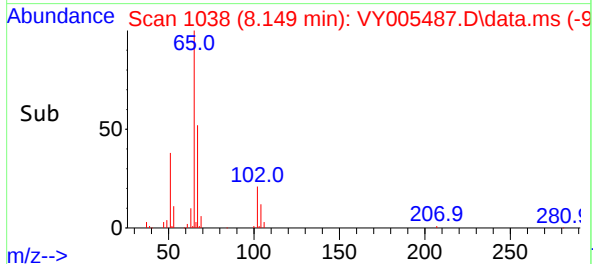
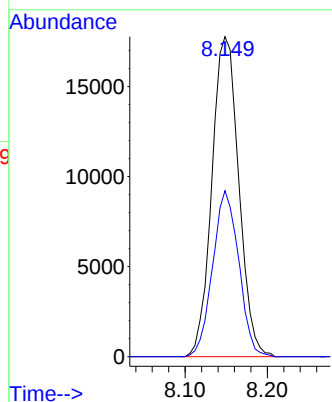
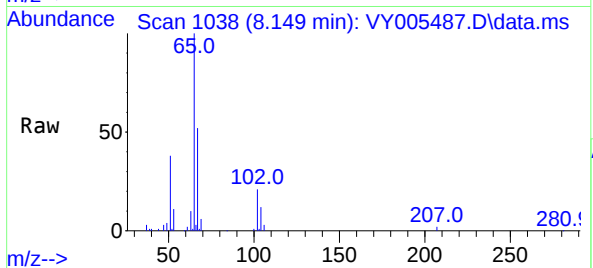




#33
1,2-Dichloroethane-d4
Concen: 47.048 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

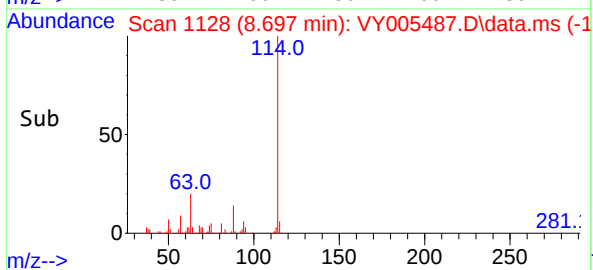
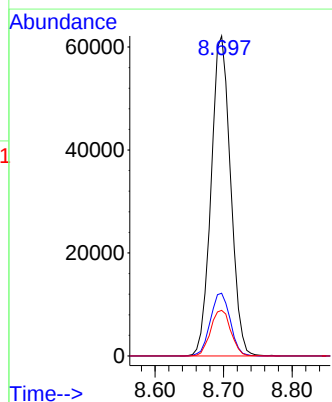
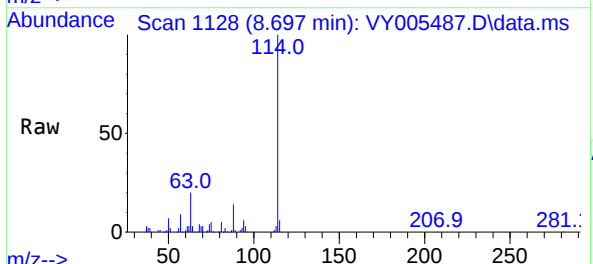
Instrument :
MSVOA_Y
ClientSampled :
TP-8

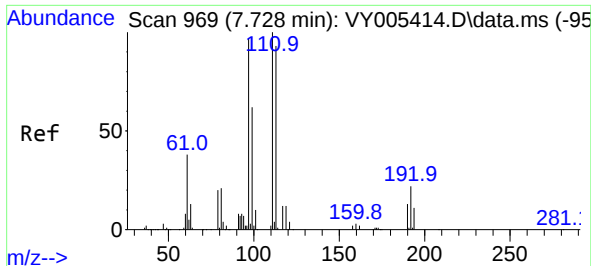
Tgt Ion: 65 Resp: 40418
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

Tgt Ion:114 Resp: 122364
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.0
88 14.2 0.0 30.8

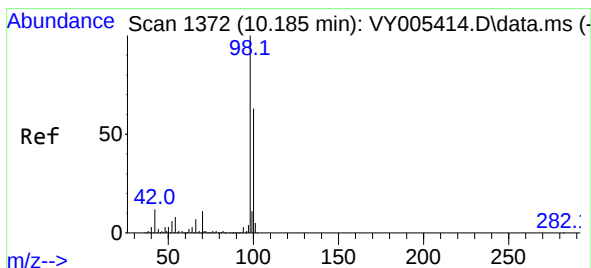
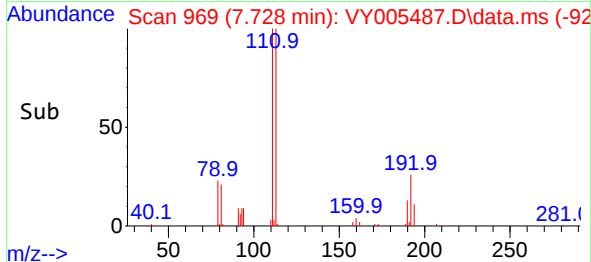
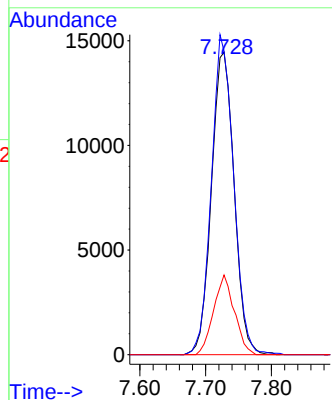
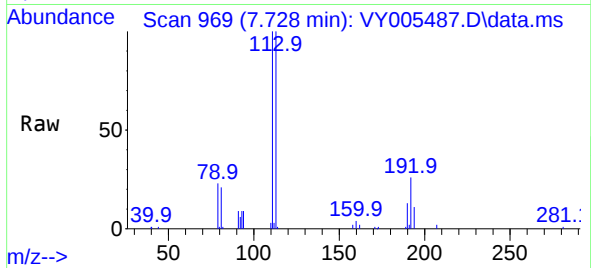




#35
Dibromofluoromethane
Concen: 49.142 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

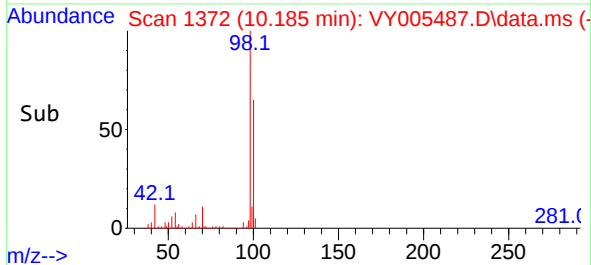
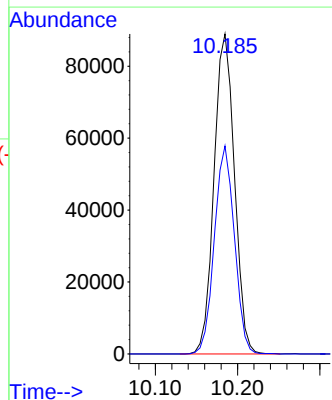
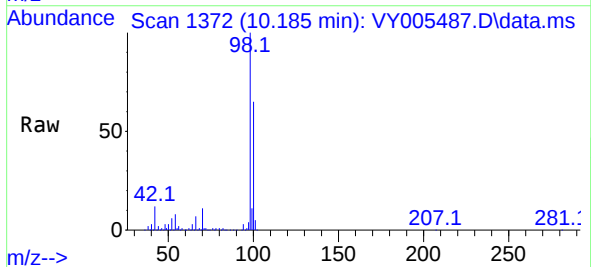
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

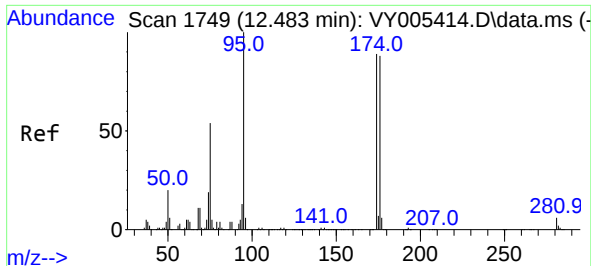
Tgt Ion:113 Resp: 34721
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 24.1 18.9 28.3



#50
Toluene-d8
Concen: 51.351 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

Tgt Ion: 98 Resp: 153774
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

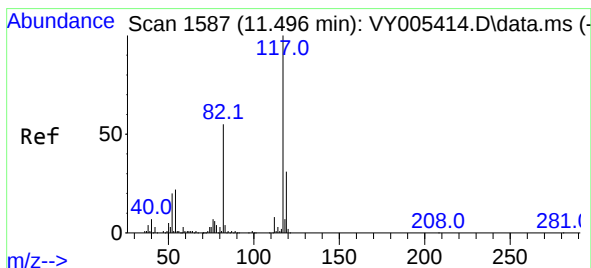
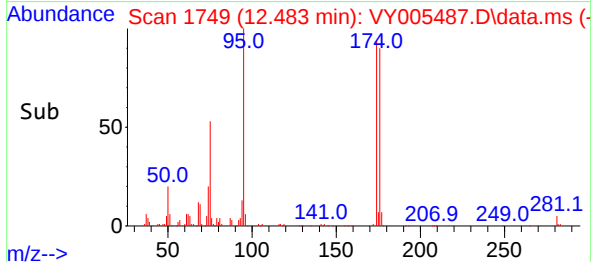
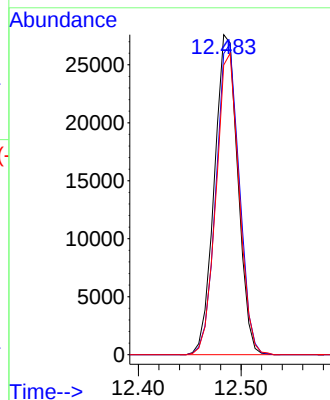
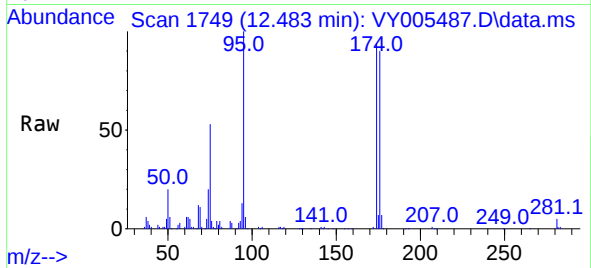




#62
4-Bromofluorobenzene
Concen: 44.172 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

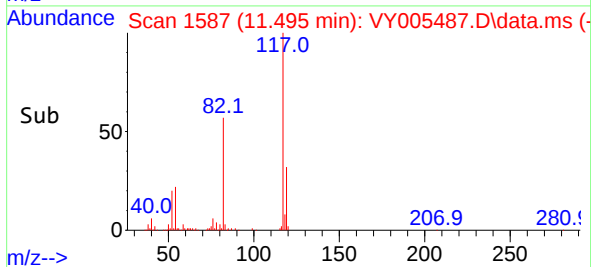
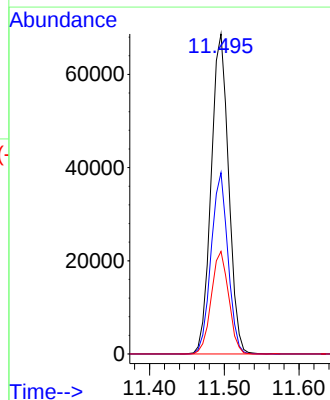
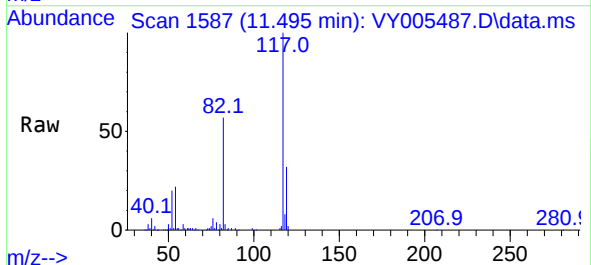
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

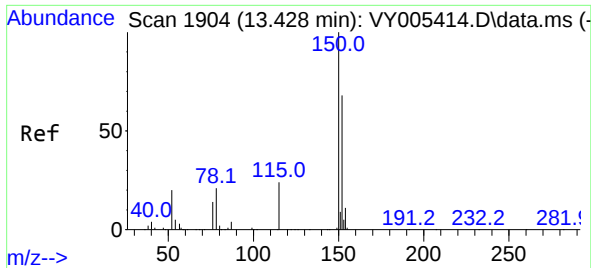
Tgt Ion:	95	Resp:	43657
Ion Ratio	Lower	Upper	
95	100		
174	96.1	0.0	186.6
176	92.3	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

Tgt Ion:	117	Resp:	111365
Ion Ratio	Lower	Upper	
117	100		
82	56.7	43.8	65.6
119	32.0	24.8	37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005487.D
 Acq: 28 Jul 2021 14:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Tgt Ion:152 Resp: 48006

Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.7	83.1
150	160.8	0.0	349.6

