

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005477.D
 Acq On : 27 Jul 2021 20:06
 Operator : SY/MD
 Sample : M3200-06
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GS-3A

Quant Time: Jul 28 02:37:07 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)

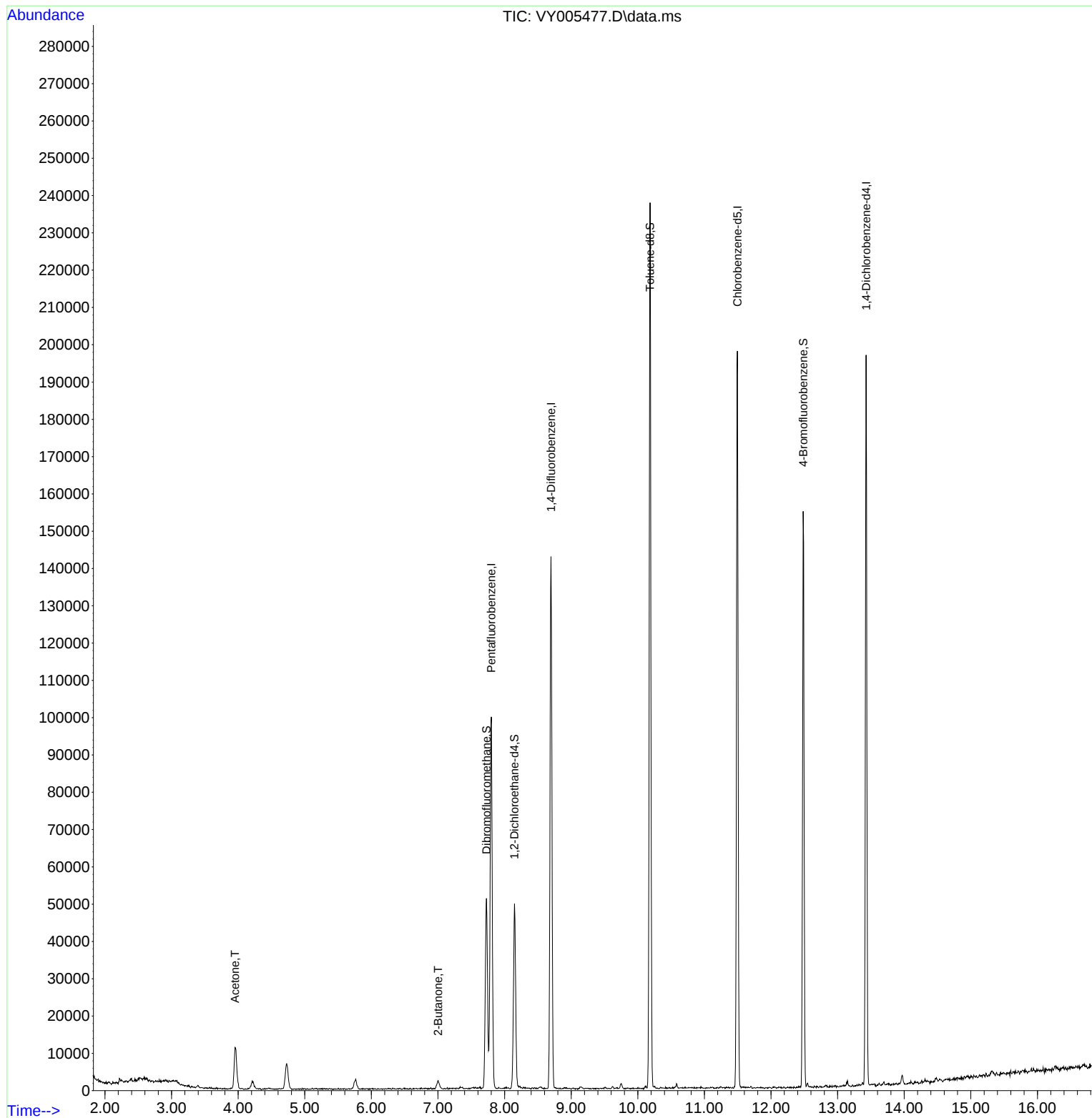
Internal Standards						
1) Pentafluorobenzene	7.801	168	79533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	122226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	107531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37458	44.085	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.160%		
35) Dibromofluoromethane	7.728	113	34306	48.610	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.220%		
50) Toluene-d8	10.185	98	152095	50.847	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.700%		
62) 4-Bromofluorobenzene	12.483	95	44127	44.698	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.400%		
Target Compounds					Qvalue	
16) Acetone	3.954	43	19622	101.122	ug/l	96
25) 2-Butanone	7.003	43	3722	12.809	ug/l	92

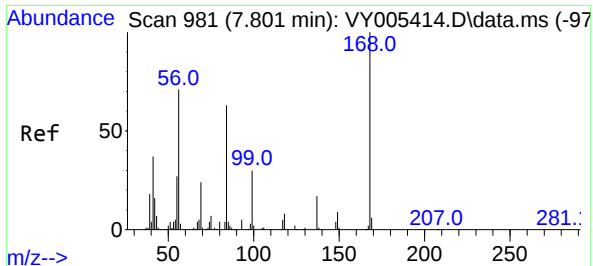
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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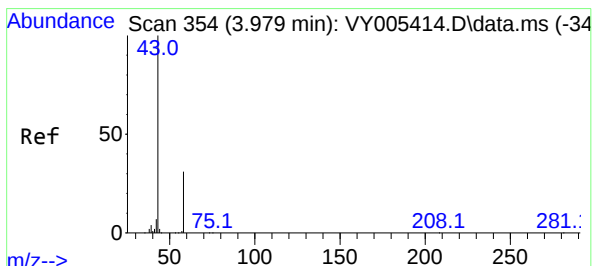
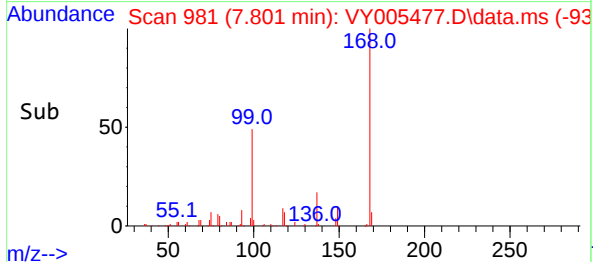
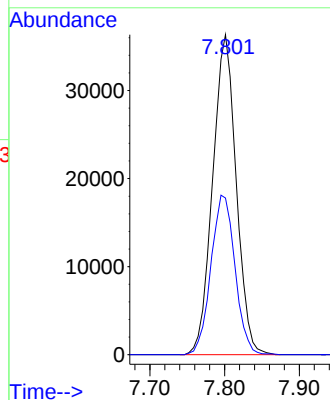
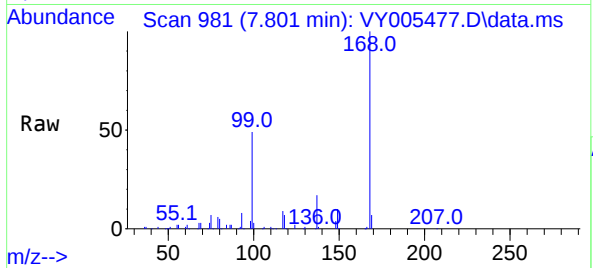




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

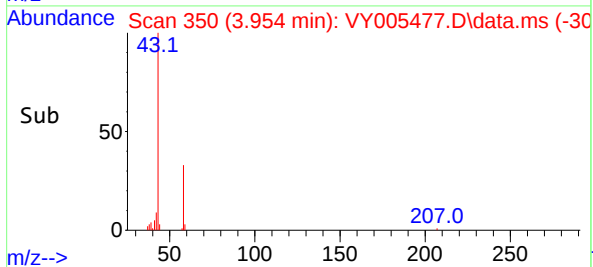
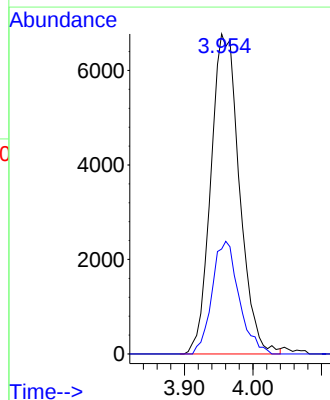
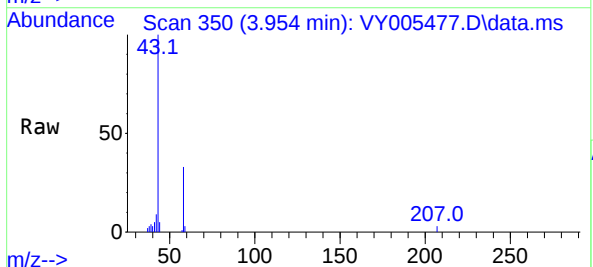
Instrument :
MSVOA_Y
ClientSampleId :
GS-3A

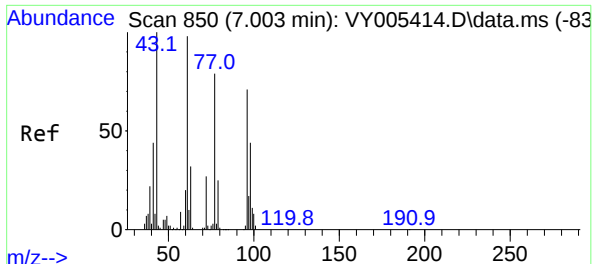
Tgt Ion:168 Resp: 79533
Ion Ratio Lower Upper
168 100
99 48.9 39.8 59.6



#16
Acetone
Concen: 101.122 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion: 43 Resp: 19622
Ion Ratio Lower Upper
43 100
58 32.8 24.5 36.7

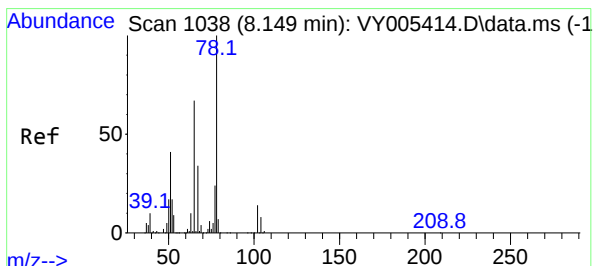
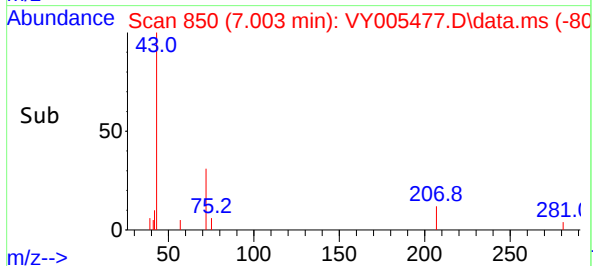
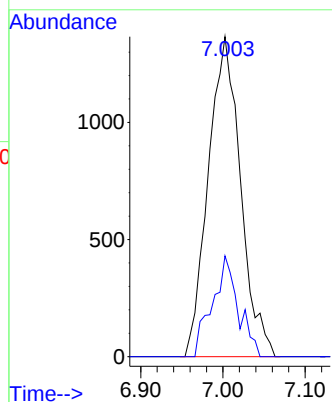
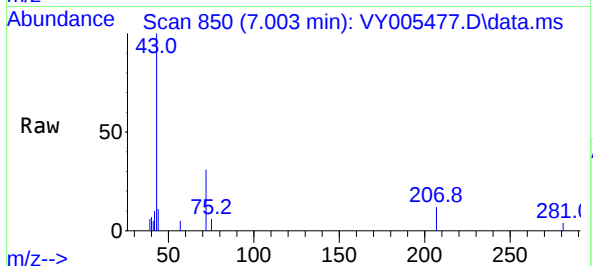




#25
2-Butanone
Concen: 12.809 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

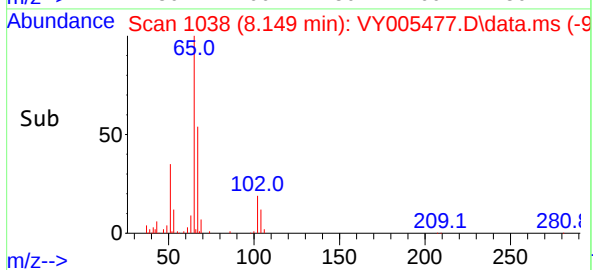
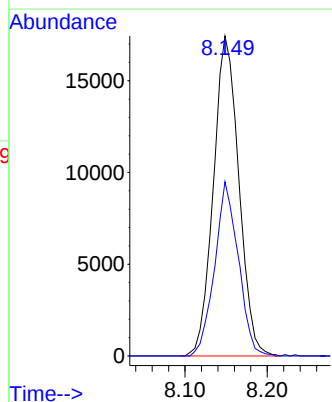
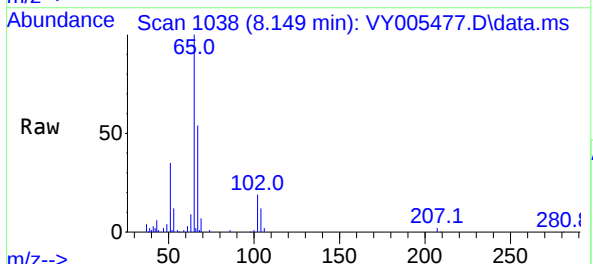
Instrument :
MSVOA_Y
ClientSampleId :
GS-3A

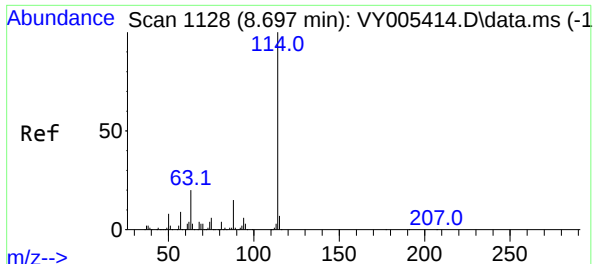
Tgt Ion: 43 Resp: 3722
Ion Ratio Lower Upper
43 100
72 31.5 21.9 32.9



#33
1,2-Dichloroethane-d4
Concen: 44.085 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion: 65 Resp: 37458
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2

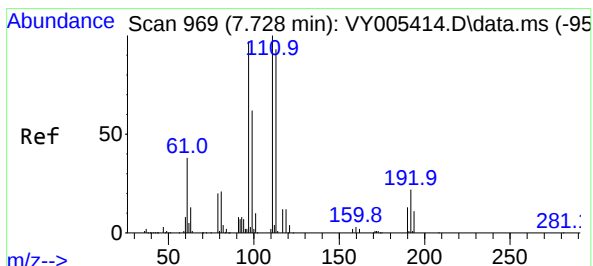
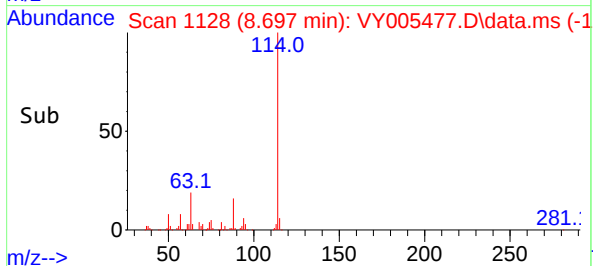
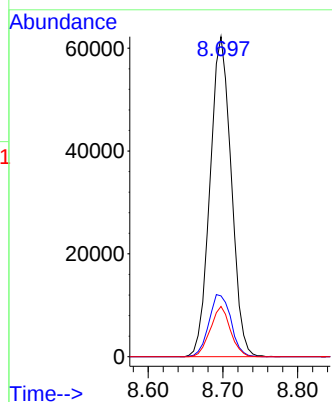
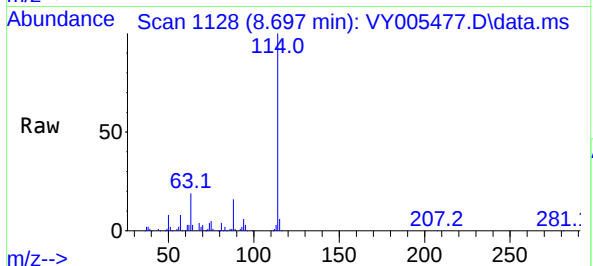




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

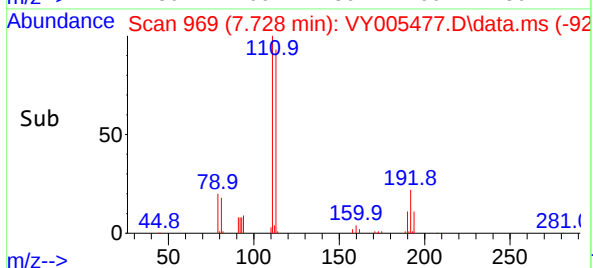
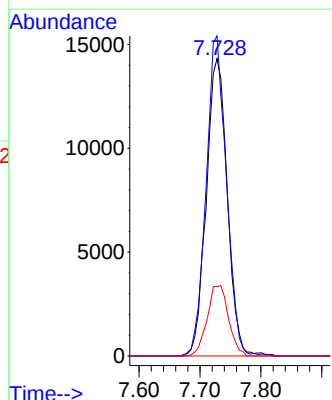
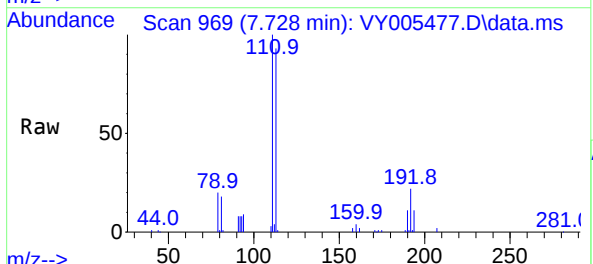
Instrument :
MSVOA_Y
ClientSampleId :
GS-3A

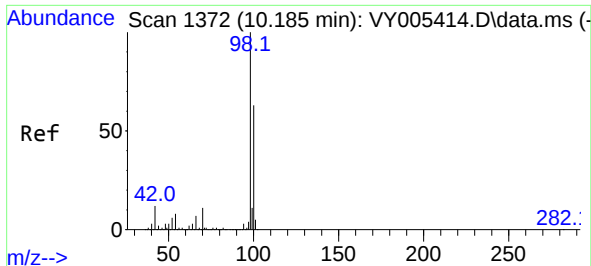
Tgt Ion:	114	Resp:	122226
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.0
88	15.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 48.610 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion:	113	Resp:	34306
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	24.1	18.9	28.3

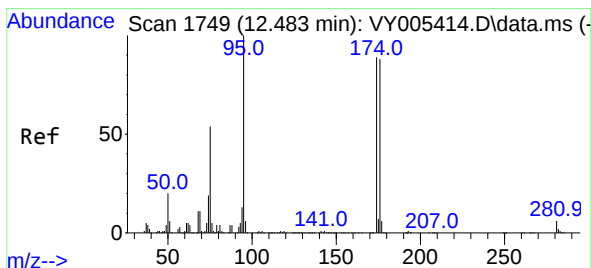
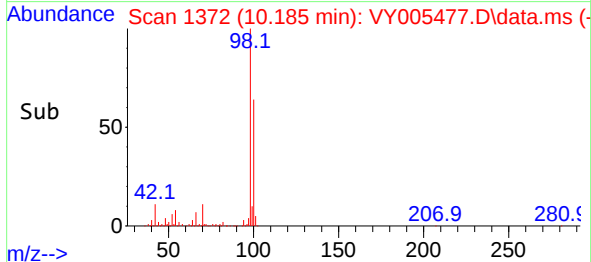
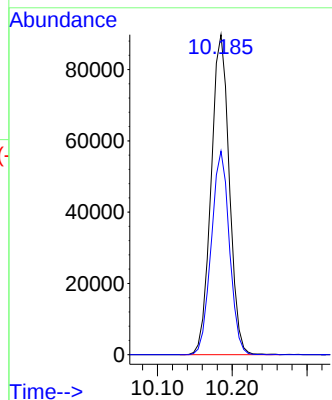
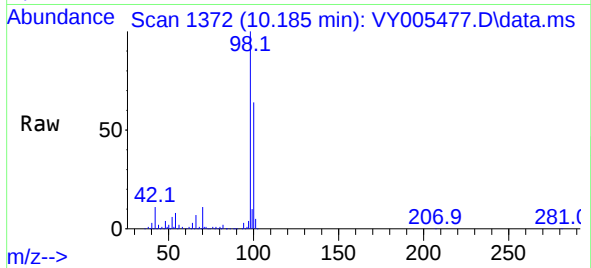




#50
Toluene-d8
Concen: 50.847 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

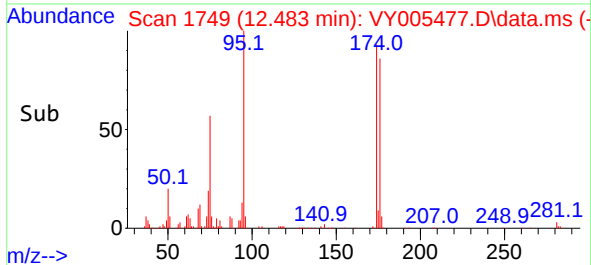
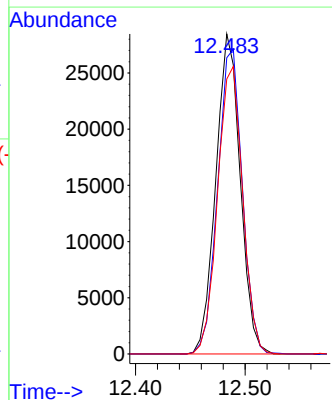
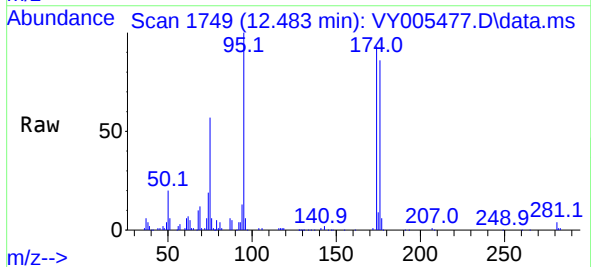
Instrument :
MSVOA_Y
ClientSampleId :
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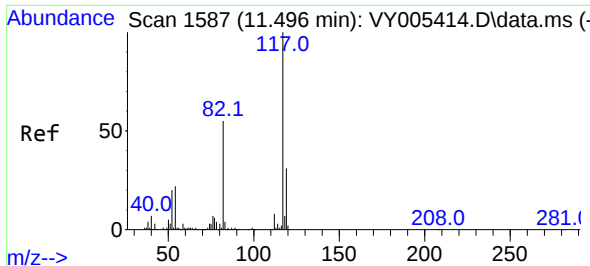
Tgt Ion: 98 Resp: 152095
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.698 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion: 95 Resp: 44127
Ion Ratio Lower Upper
95 100
174 96.0 0.0 186.6
176 91.9 0.0 182.4



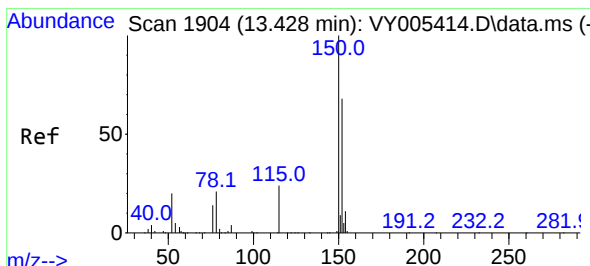
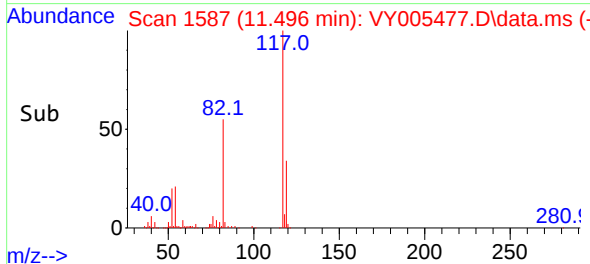
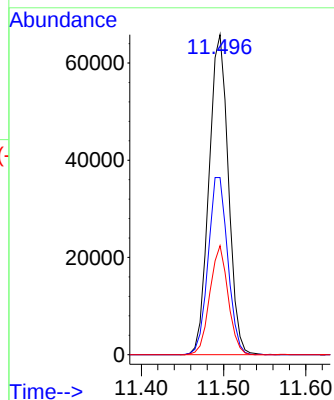
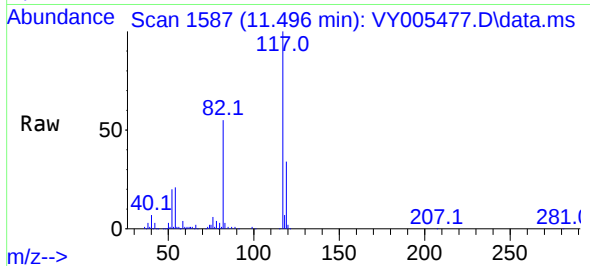


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Instrument :
MSVOA_Y
ClientSampleId :
GS-3A

Tgt Ion:117 Resp: 107531

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.8	65.6
119	34.1	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: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion:152 Resp: 50772

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.7	83.1
150	154.5	0.0	349.6

