

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006405.D
 Acq On : 15 Oct 2021 14:42
 Operator : SY/MD
 Sample : M4243-20
 Misc : 6.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T4-4-BOTTOM-GRAB

Quant Time: Oct 18 04:45:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	119714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82873	64.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.360%
35) Dibromofluoromethane	7.722	113	58950	55.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.920%
50) Toluene-d8	10.185	98	259858	58.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.820%
62) 4-Bromofluorobenzene	12.483	95	87872	58.143	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.280%

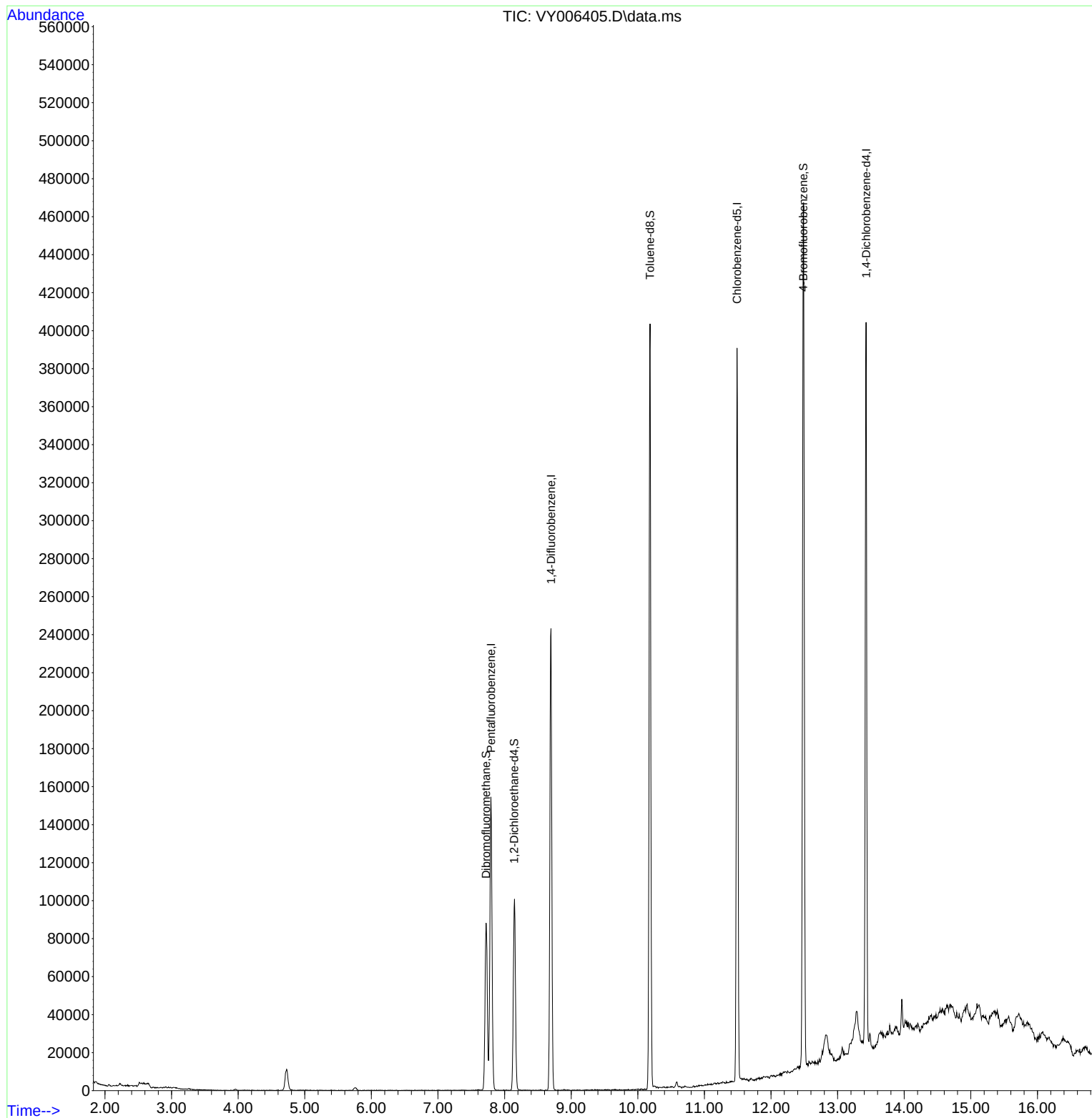
Target Compounds	Qvalue

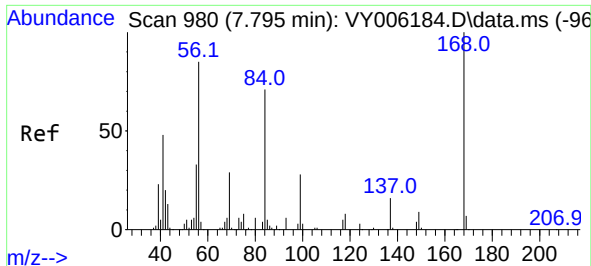
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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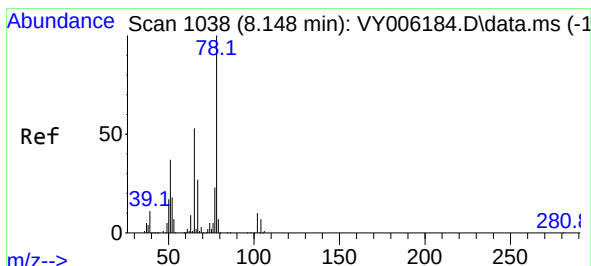
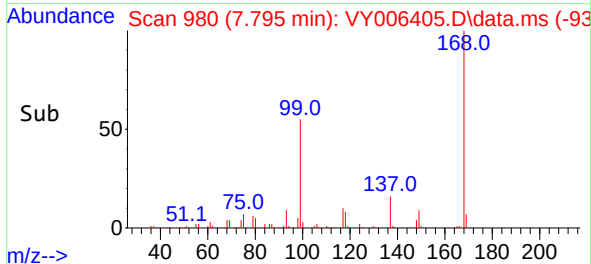
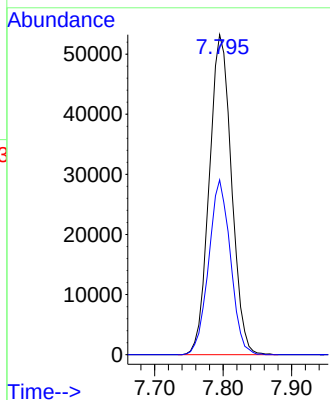
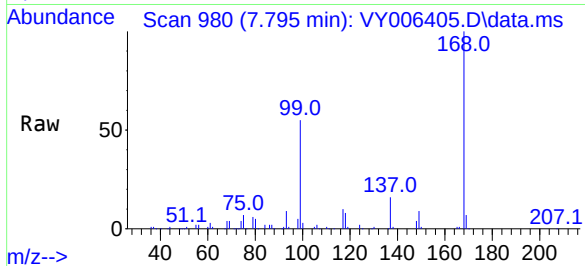




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

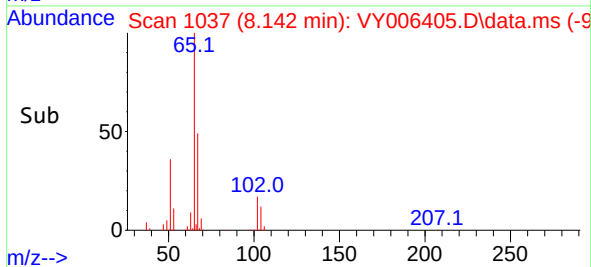
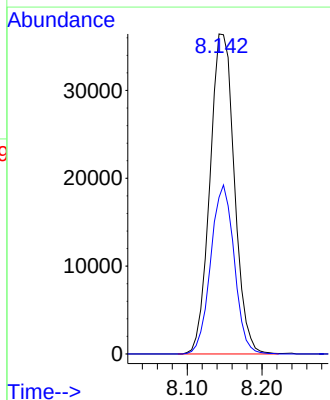
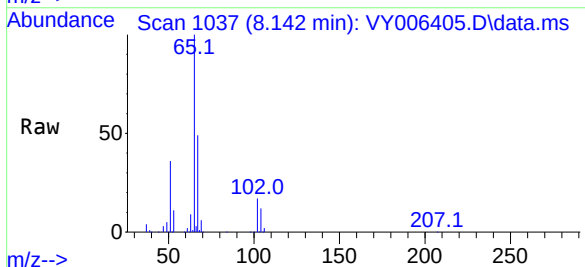
Instrument :
MSVOA_Y
ClientSampleId :
T4-4-BOTTOM-GRAB

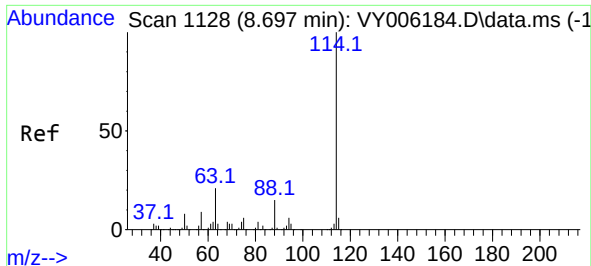
Tgt Ion:168 Resp: 119714
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.679 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

Tgt Ion: 65 Resp: 82873
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

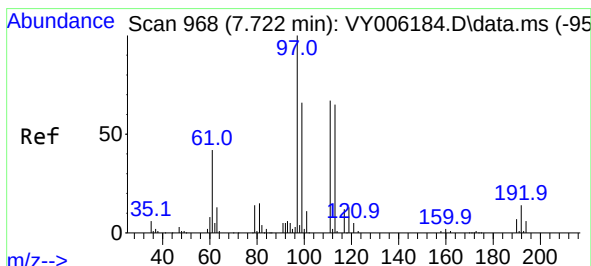
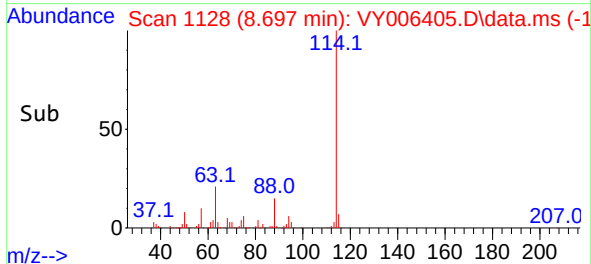
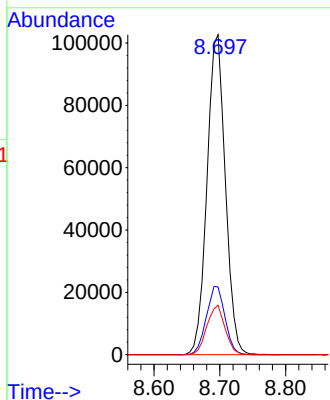
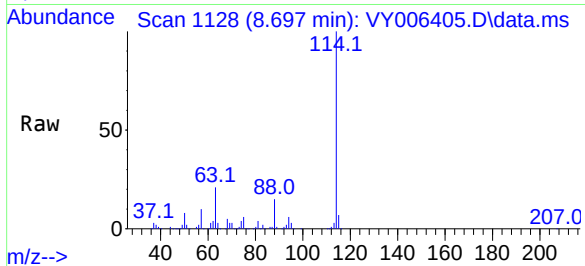




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

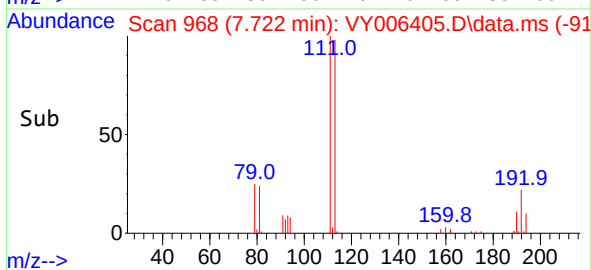
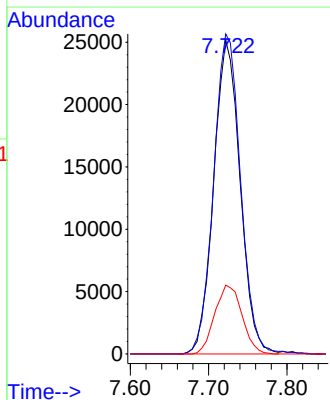
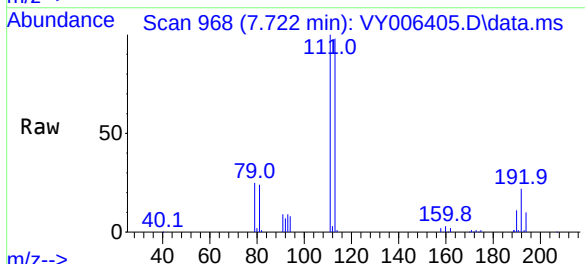
Instrument :
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ClientSampleId :
T4-4-BOTTOM-GRAB

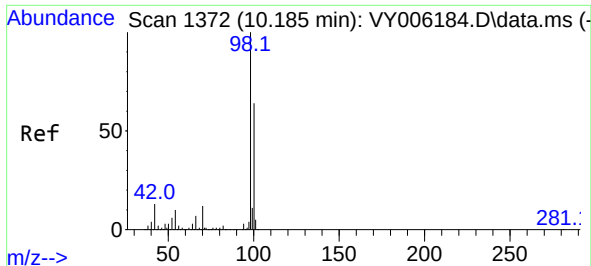
Tgt Ion:	114	Resp:	198962
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.458 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

Tgt Ion:	113	Resp:	58950
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	22.6	17.6	26.4

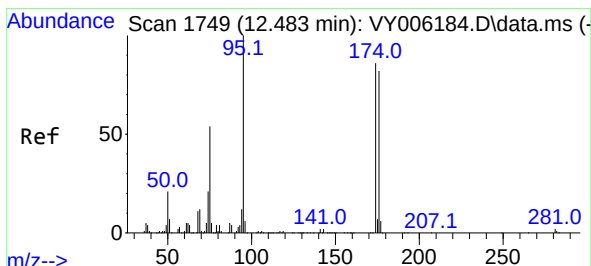
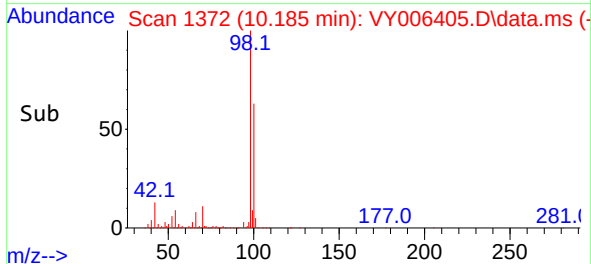
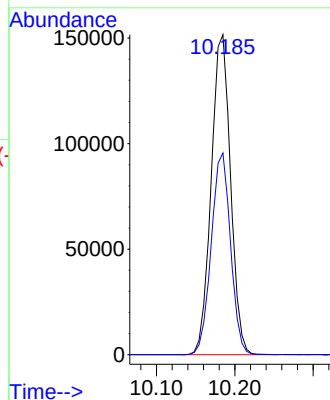
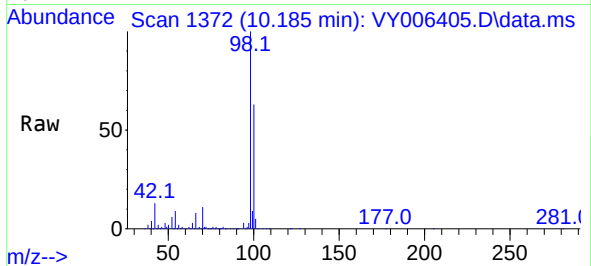




#50
Toluene-d8
Concen: 58.412 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

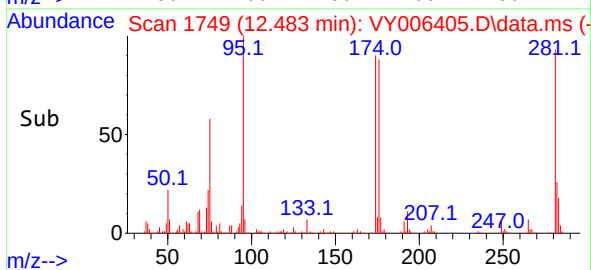
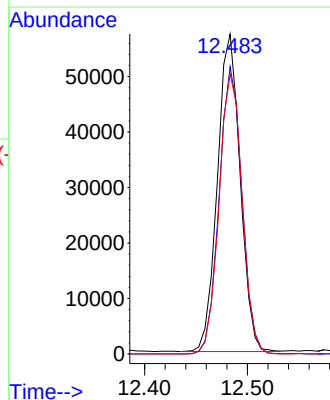
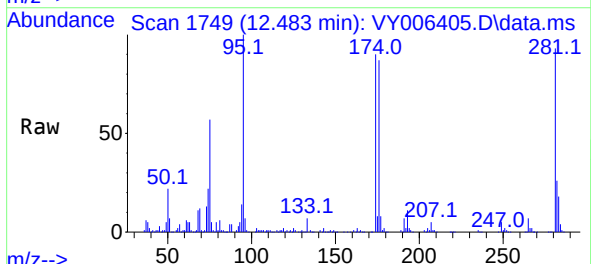
Instrument :
MSVOA_Y
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T4-4-BOTTOM-GRAB

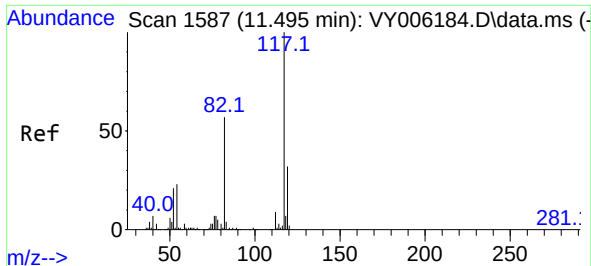
Tgt Ion: 98 Resp: 259858
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 58.143 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

Tgt Ion: 95 Resp: 87872
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 89.3 0.0 175.8

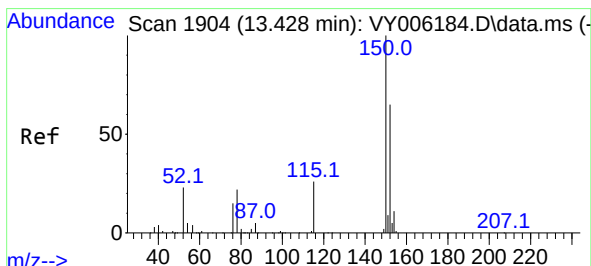
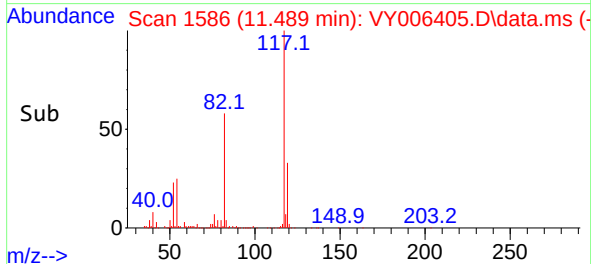
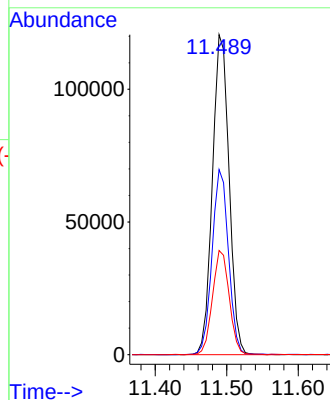
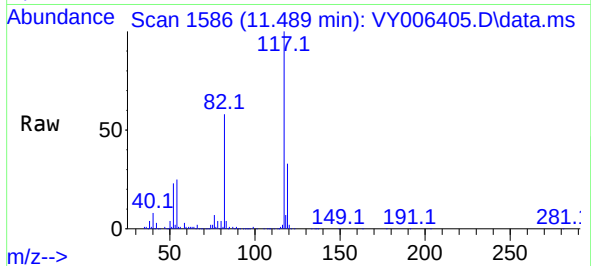




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

Instrument :
MSVOA_Y
ClientSampleId :
T4-4-BOTTOM-GRAB

Tgt Ion:	117	Resp:	195088
Ion Ratio	Lower	Upper	
117	100		
82	57.8	43.0	64.4
119	32.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

Tgt Ion:	152	Resp:	95436
Ion Ratio	Lower	Upper	
152	100		
115	55.5	28.2	84.7
150	155.4	0.0	347.6

