

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006403.D
 Acq On : 15 Oct 2021 13:56
 Operator : SY/MD
 Sample : M4242-20
 Misc : 6.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-4-BOTTOM-GRAB

Quant Time: Oct 18 04:45:01 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	125103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86145	64.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.680%
35) Dibromofluoromethane	7.722	113	61122	55.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.500%
50) Toluene-d8	10.185	98	264059	57.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.100%
62) 4-Bromofluorobenzene	12.483	95	85253	54.696	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.400%

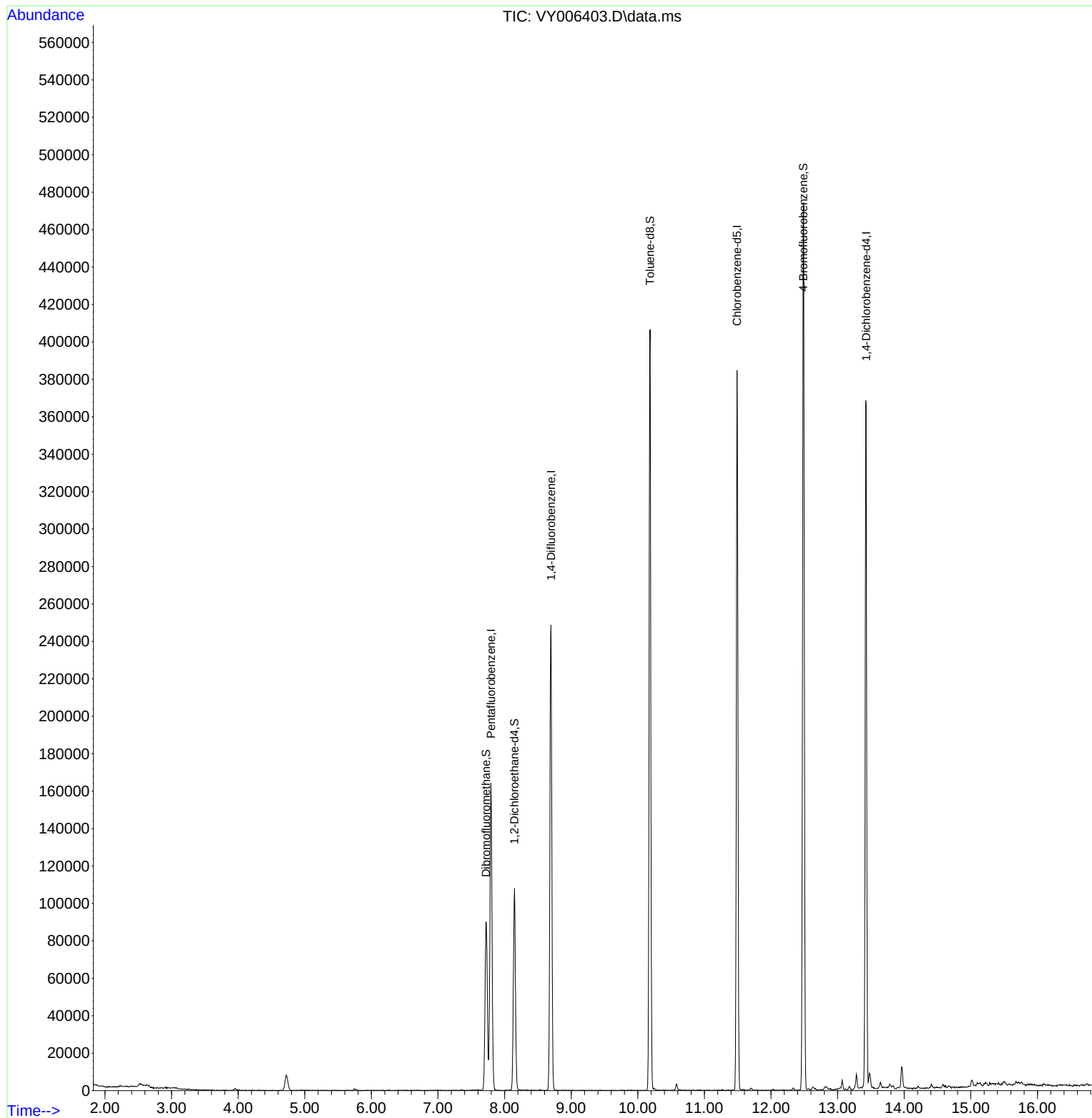
Target Compounds	Qvalue

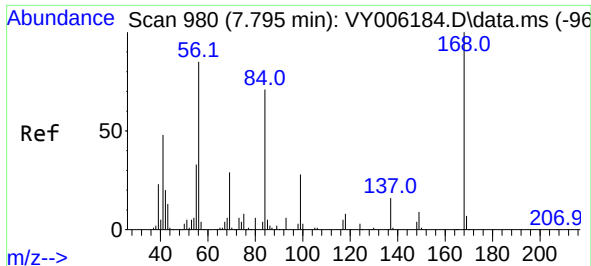
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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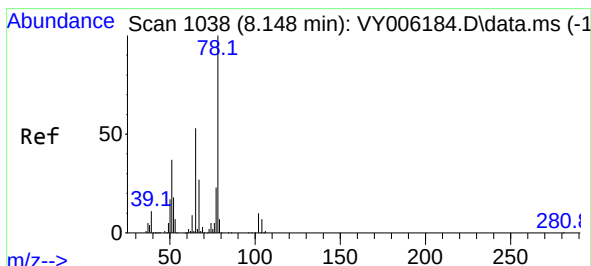
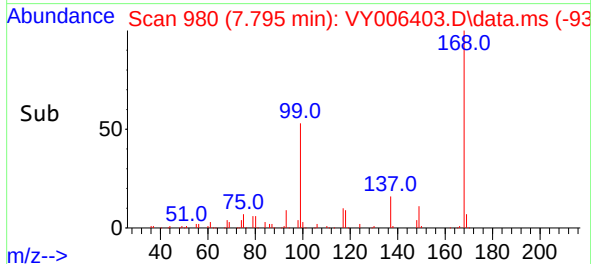
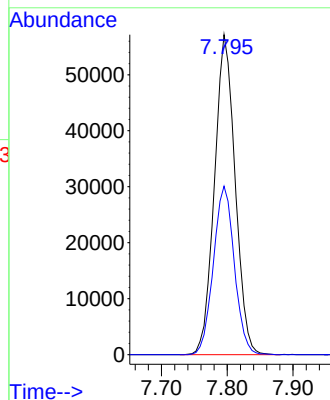
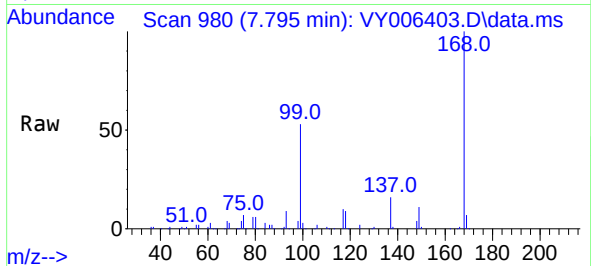




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006403.D
Acq: 15 Oct 2021 13:56

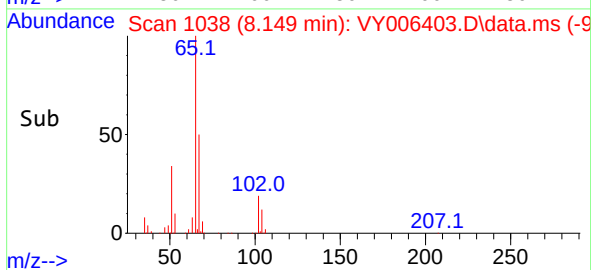
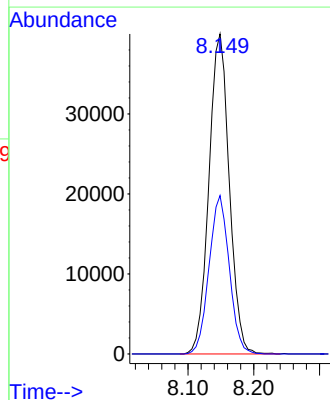
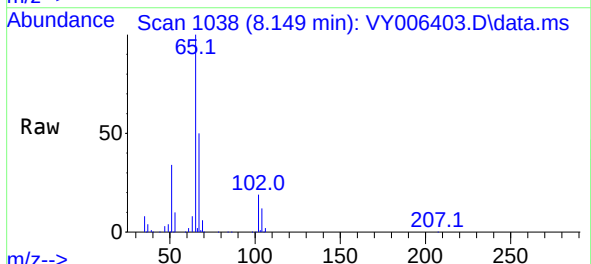
Instrument :
MSVOA_Y
ClientSampleId :
T2-4-BOTTOM-GRAB

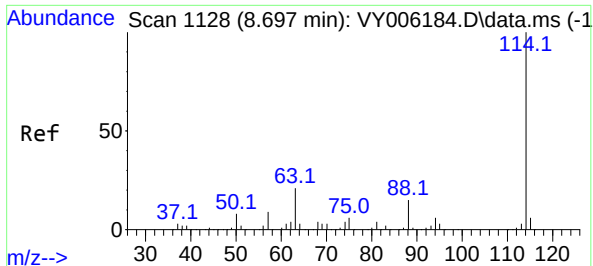
Tgt Ion:168 Resp: 125103
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.337 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006403.D
Acq: 15 Oct 2021 13:56

Tgt Ion: 65 Resp: 86145
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4

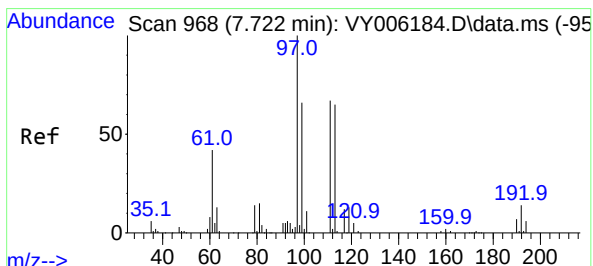
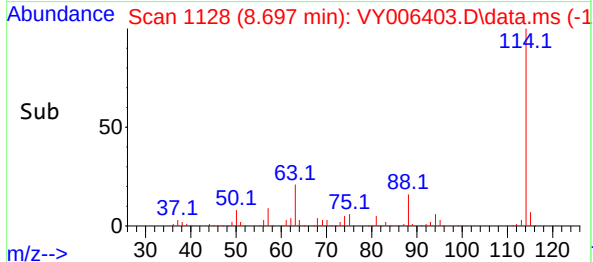
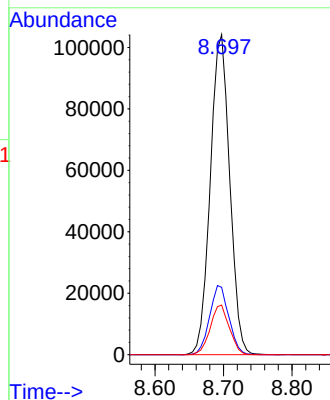
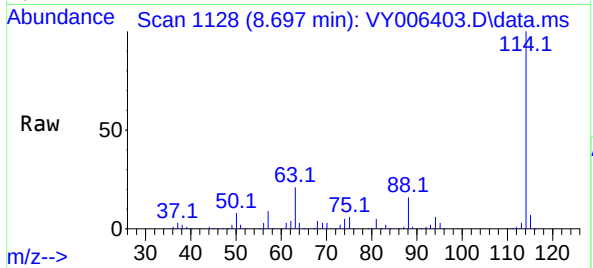




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006403.D
Acq: 15 Oct 2021 13:56

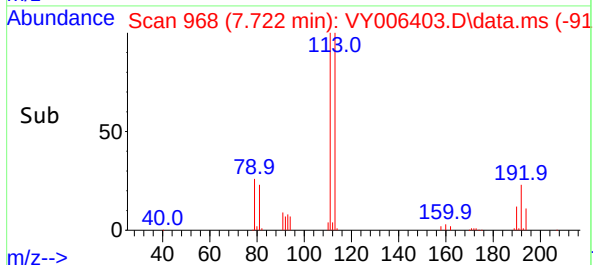
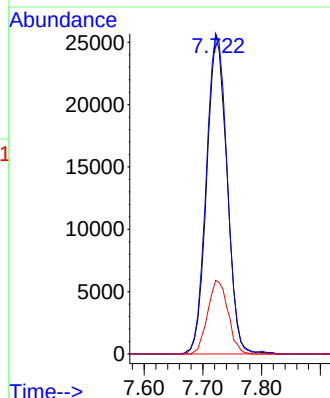
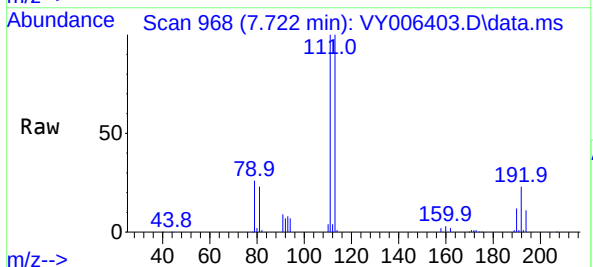
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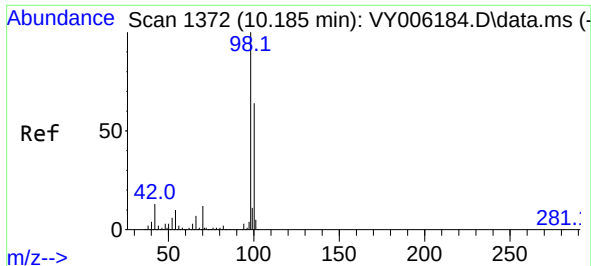
Tgt Ion:114 Resp: 205198
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.753 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006403.D
Acq: 15 Oct 2021 13:56

Tgt Ion:113 Resp: 61122
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 23.1 17.6 26.4

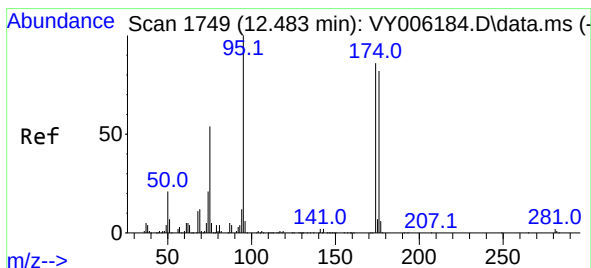
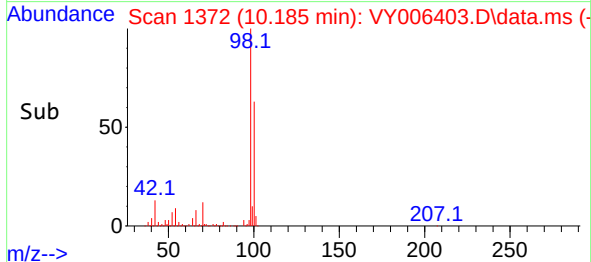
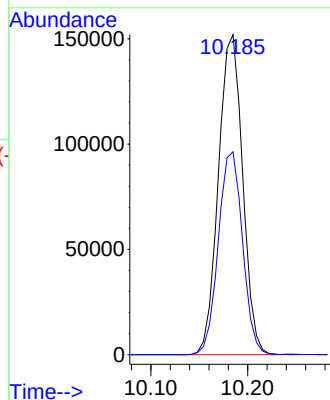
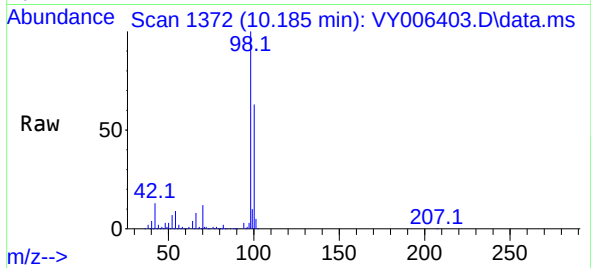




#50
Toluene-d8
Concen: 57.552 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006403.D
Acq: 15 Oct 2021 13:56

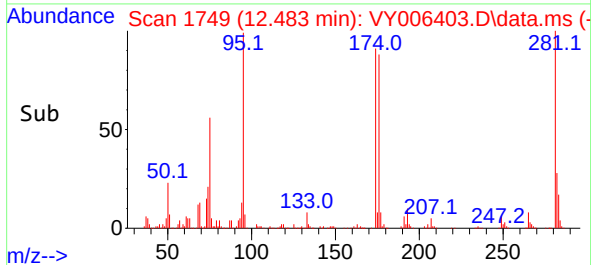
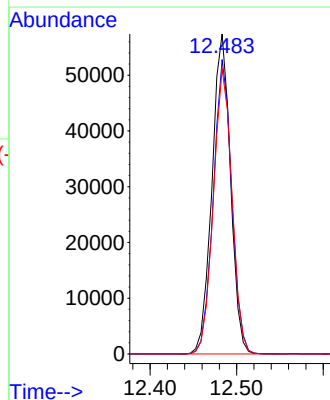
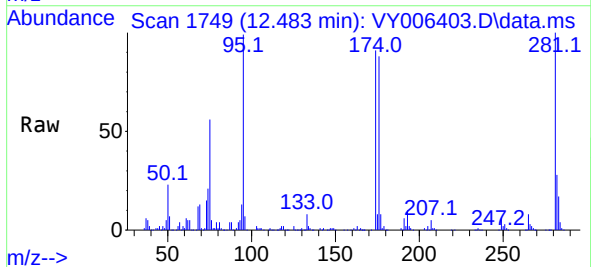
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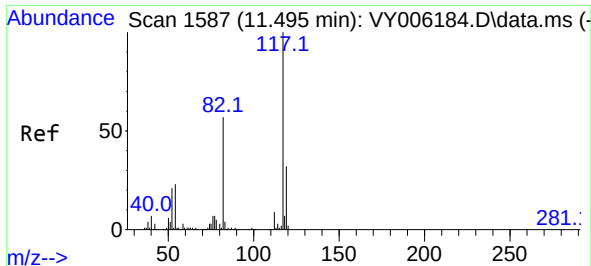
Tgt Ion: 98 Resp: 264059
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.696 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006403.D
Acq: 15 Oct 2021 13:56

Tgt Ion: 95 Resp: 85253
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 89.4 0.0 175.8

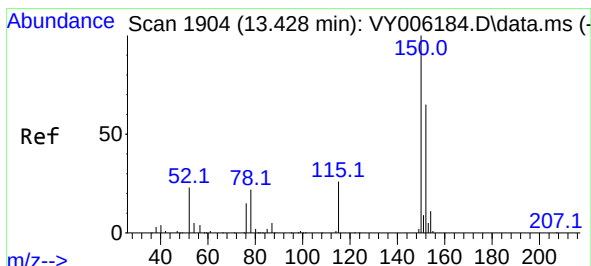
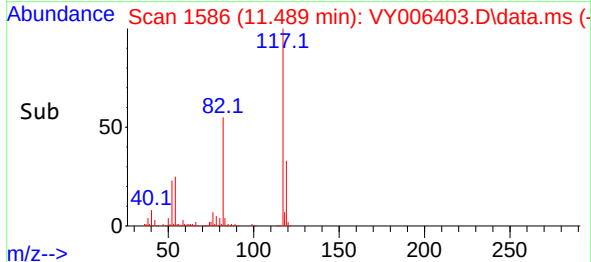
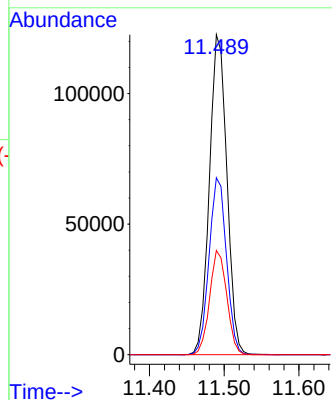
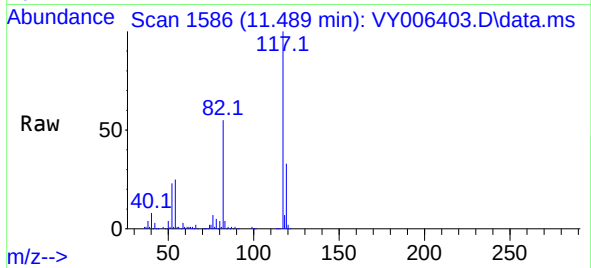




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006403.D
Acq: 15 Oct 2021 13:56

Instrument :
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ClientSampleId :
T2-4-BOTTOM-GRAB

Tgt Ion:	117	Resp:	199154
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.0	64.4
119	32.6	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: VY006403.D
Acq: 15 Oct 2021 13:56

Tgt Ion:	152	Resp:	92236
Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.2	84.7
150	155.5	0.0	347.6

