

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005781.D
 Acq On : 19 Aug 2021 19:50
 Operator : SY/MD
 Sample : M3467-12
 Misc : 5.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1-(150.00)-VOC-GRAB

Quant Time: Aug 20 06:59:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	171603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	277403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	101588	58.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.960%
35) Dibromofluoromethane	7.722	113	83297	53.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.185	98	347900	53.411	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.820%
62) 4-Bromofluorobenzene	12.483	95	95614	44.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.660%

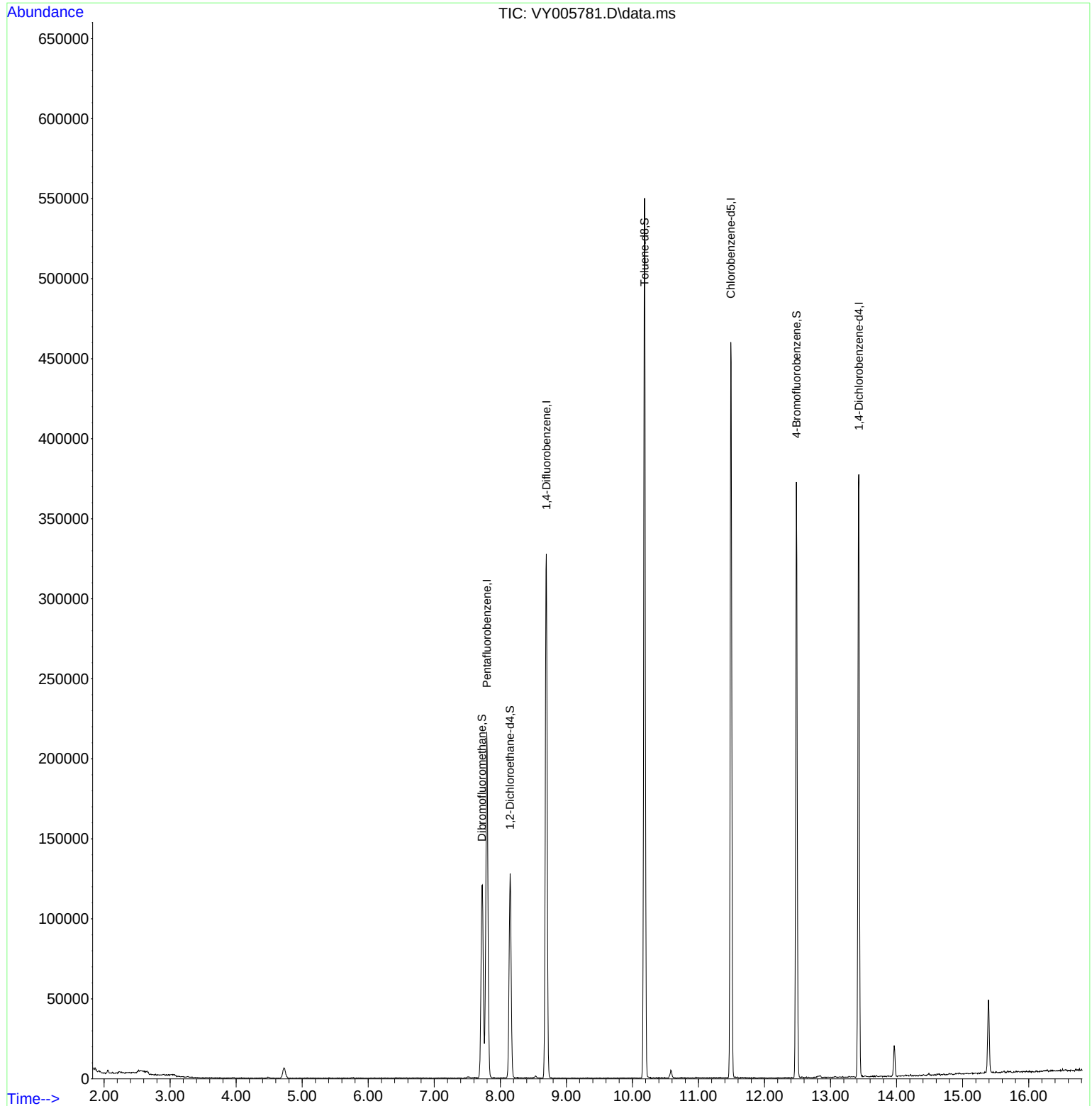
Target Compounds	Qvalue

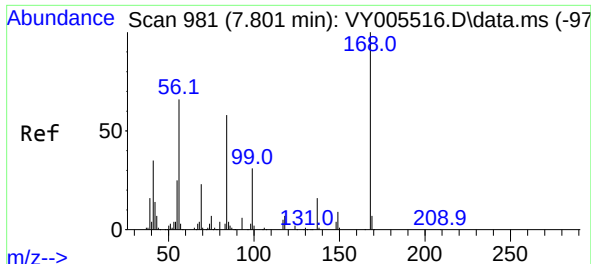
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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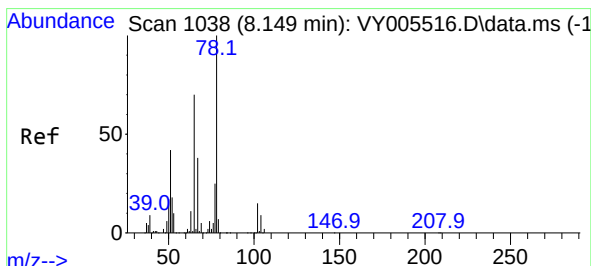
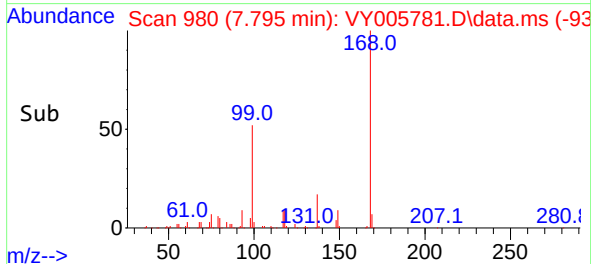
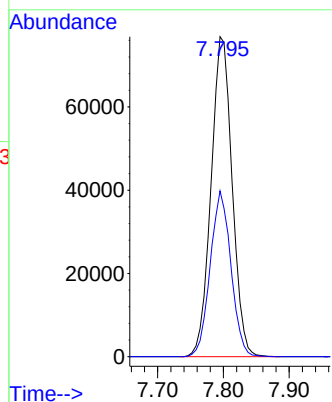
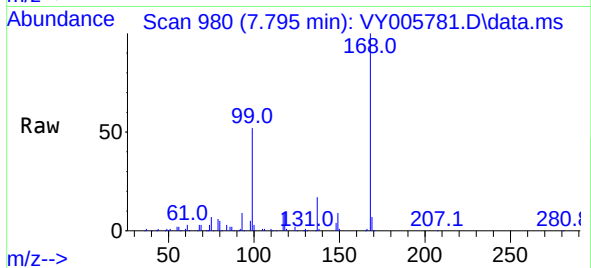




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

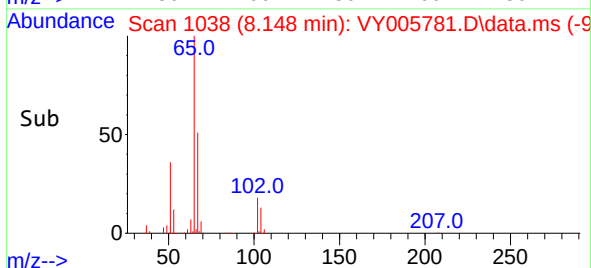
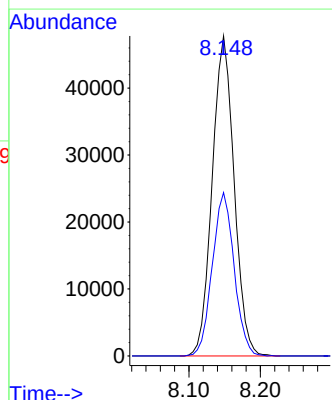
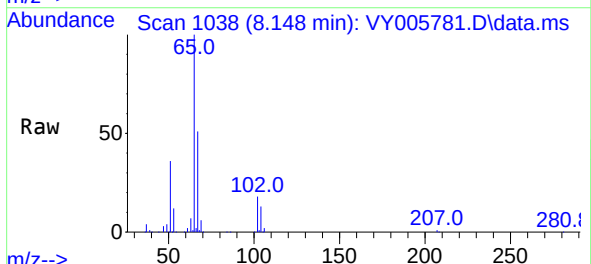
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1-(150.00)-VOC-GRAB

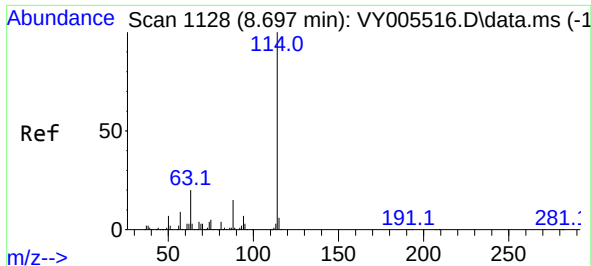
Tgt Ion:168 Resp: 171603
Ion Ratio Lower Upper
168 100
99 51.8 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 58.483 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Tgt Ion: 65 Resp: 101588
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4

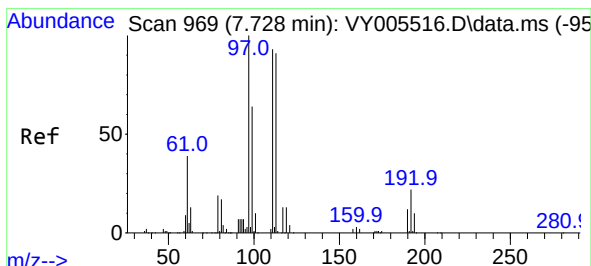
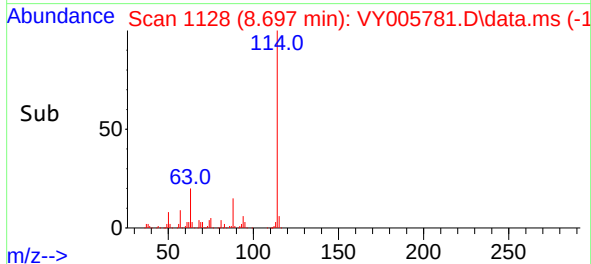
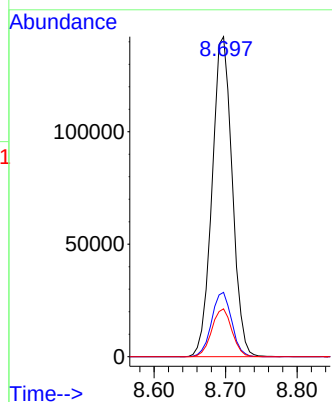
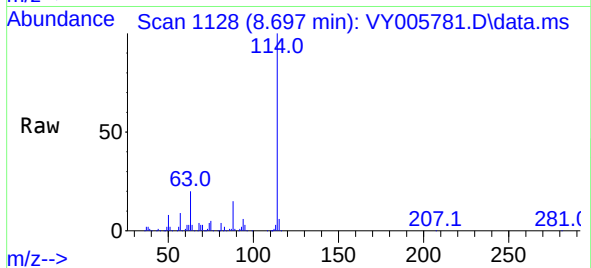




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

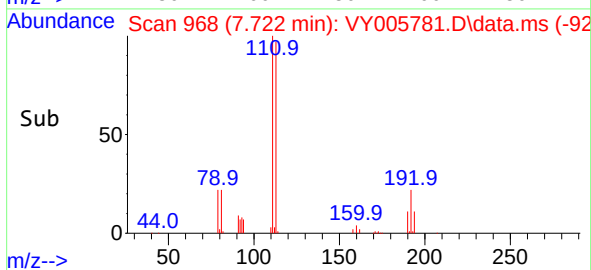
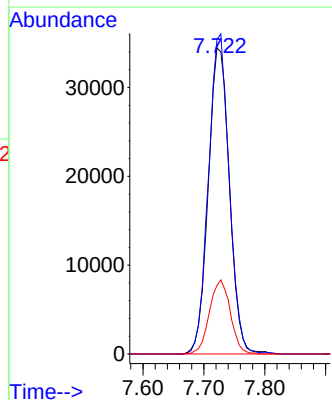
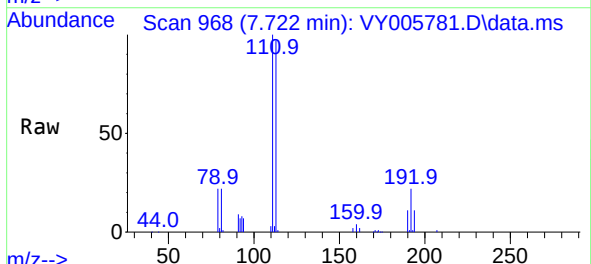
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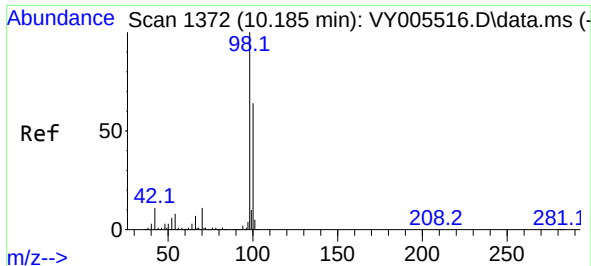
Tgt Ion:	114	Resp:	277403
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	15.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.632 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Tgt Ion:	113	Resp:	83297
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	23.9	19.2	28.8

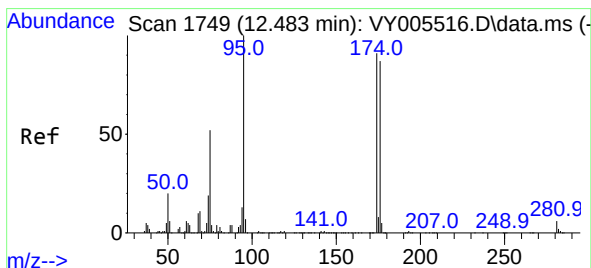
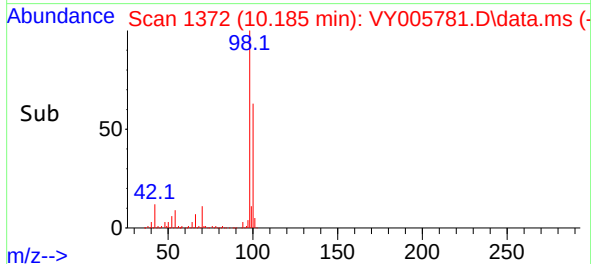
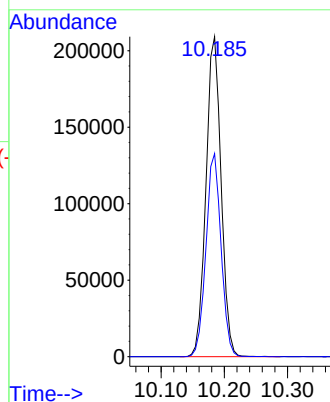
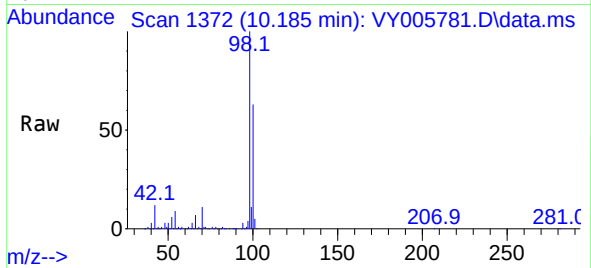




#50
Toluene-d8
Concen: 53.411 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

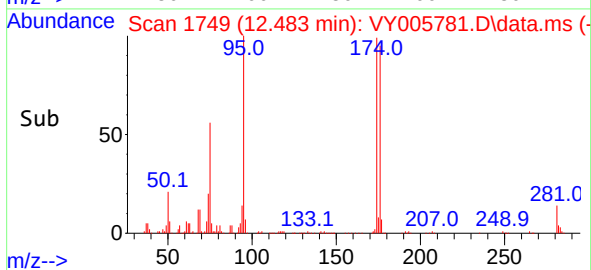
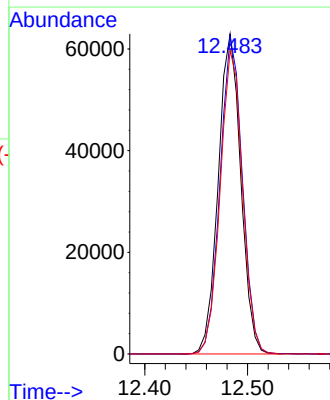
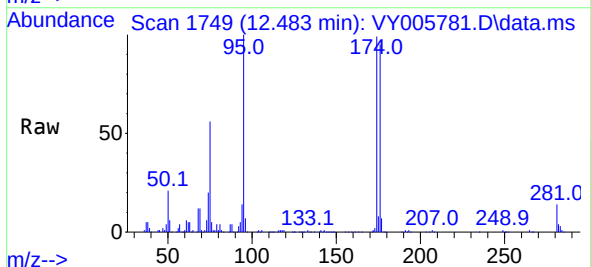
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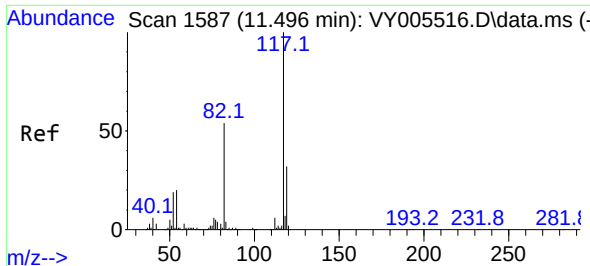
Tgt Ion: 98 Resp: 347900
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Tgt Ion: 95 Resp: 95614
Ion Ratio Lower Upper
95 100
174 98.3 0.0 191.4
176 94.1 0.0 183.6

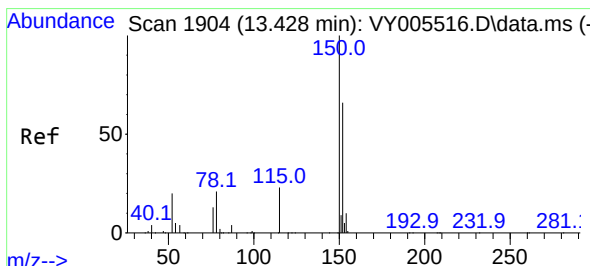
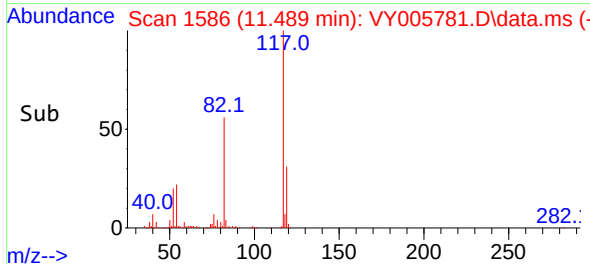
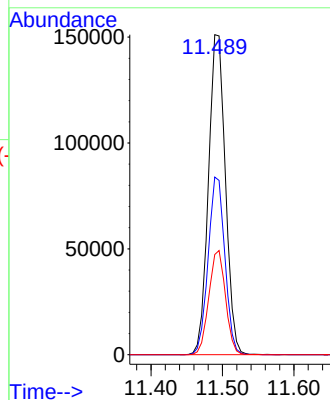
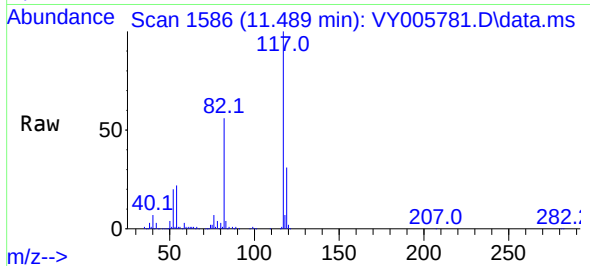




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Instrument :
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Tgt Ion:	117	Resp:	248718
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.5	65.3
119	31.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Tgt Ion:	152	Resp:	97740
Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.3	81.9
150	157.3	0.0	350.2

