

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005927.D
 Acq On : 01 Sep 2021 13:54
 Operator : SY/MD
 Sample : M3597-03
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-PSC124042

Quant Time: Sep 02 07:48:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1072	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	1710	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	280	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	971	89.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.760%#
35) Dibromofluoromethane	7.734	113	383	38.705	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.420%
50) Toluene-d8	10.179	98	2215	53.336	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.680%
62) 4-Bromofluorobenzene	12.483	95	378	27.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.220%

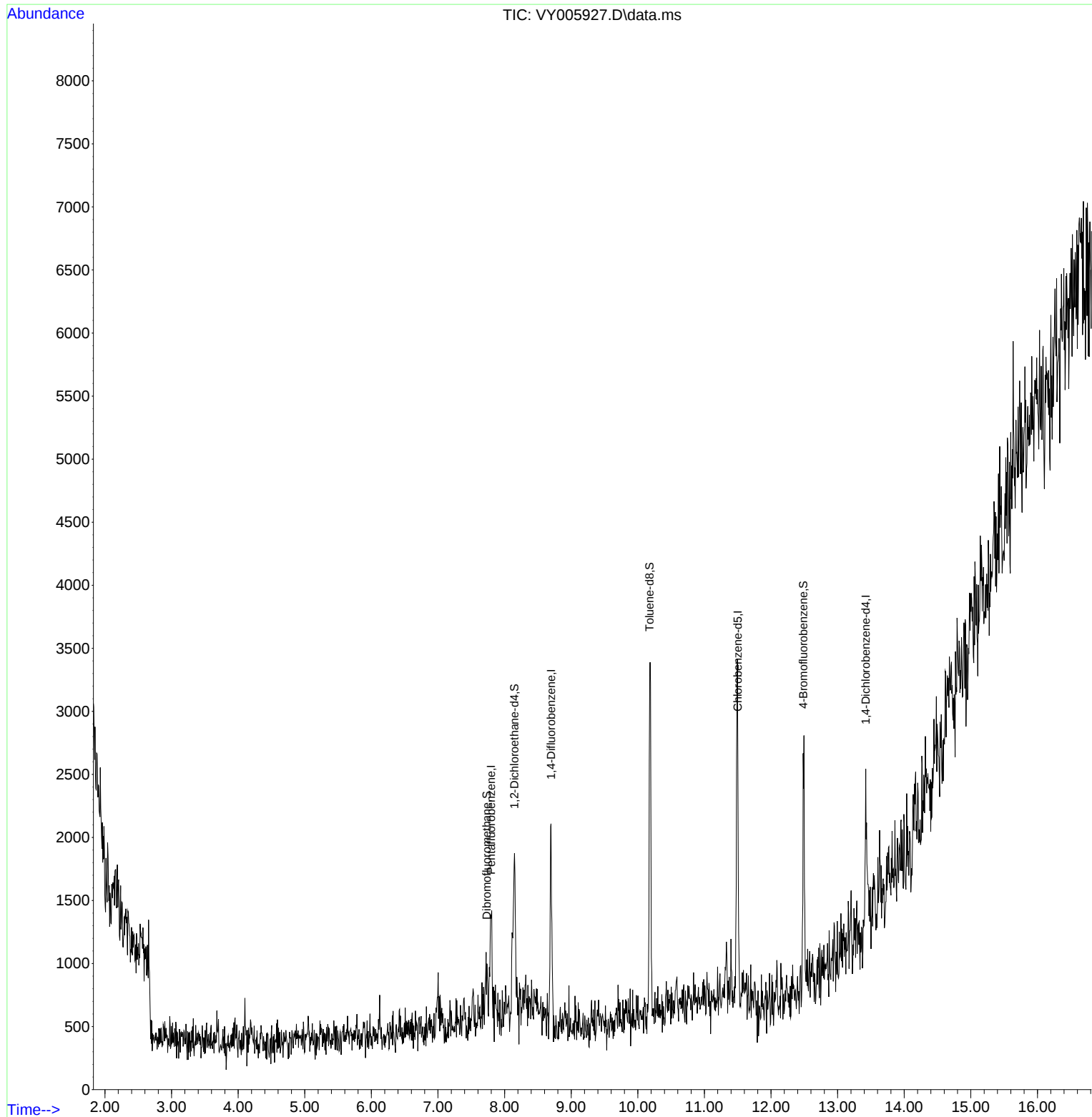
Target Compounds	Qvalue

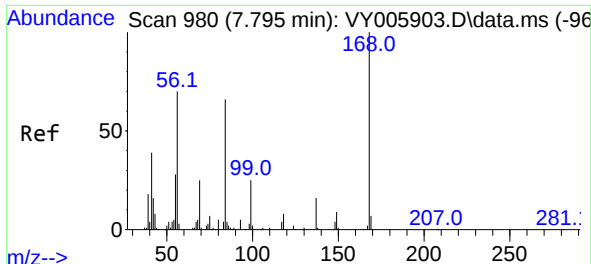
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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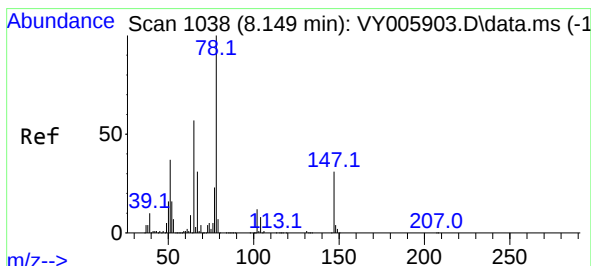
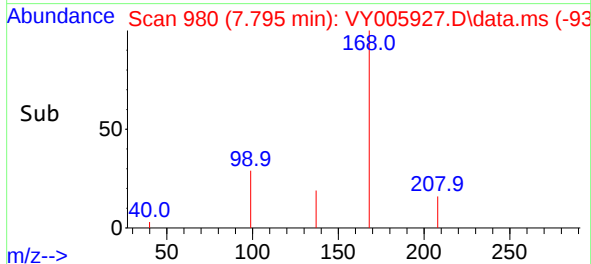
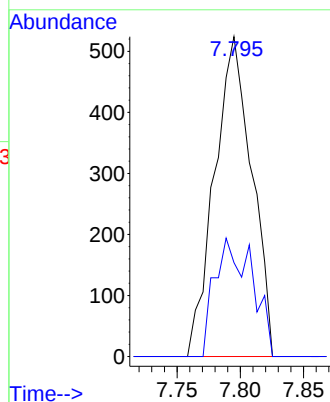
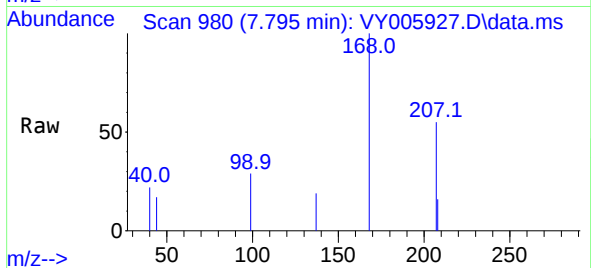




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

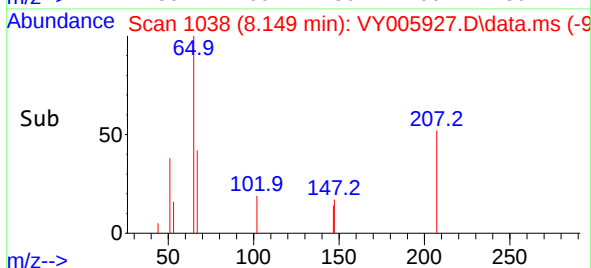
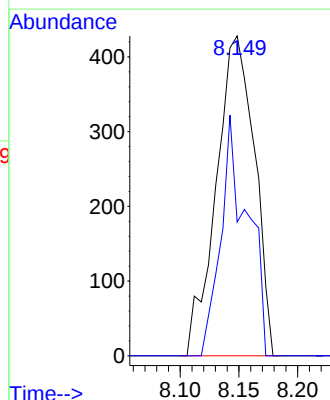
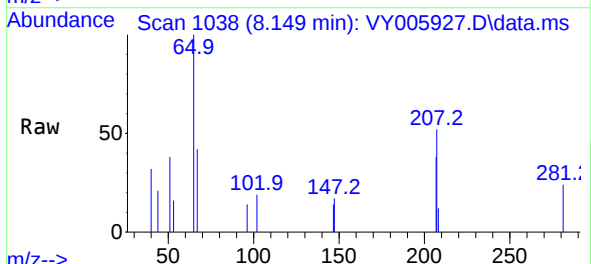
Instrument :
MSVOA_Y
ClientSampleId :
RO-PSC124042

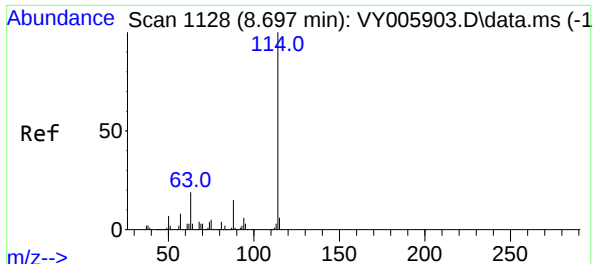
Tgt Ion:168 Resp: 1072
Ion Ratio Lower Upper
168 100
99 29.4 40.6 60.8#



#33
1,2-Dichloroethane-d4
Concen: 89.884 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

Tgt Ion: 65 Resp: 971
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

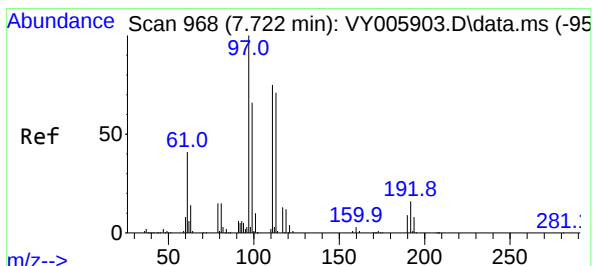
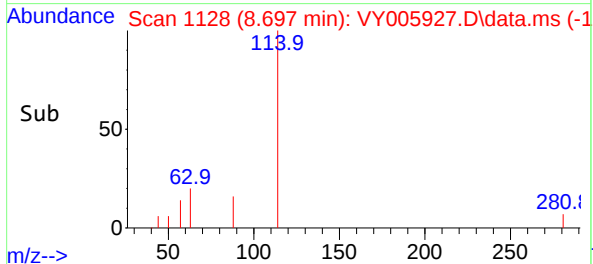
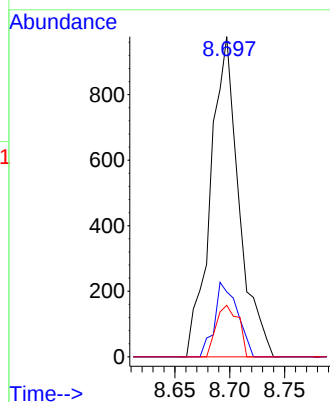
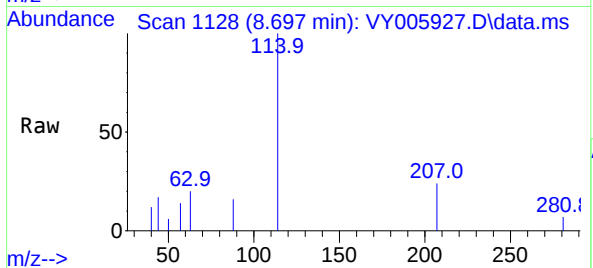




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

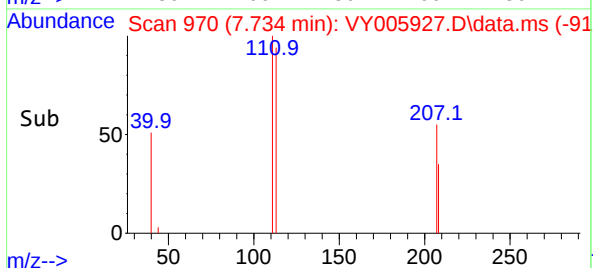
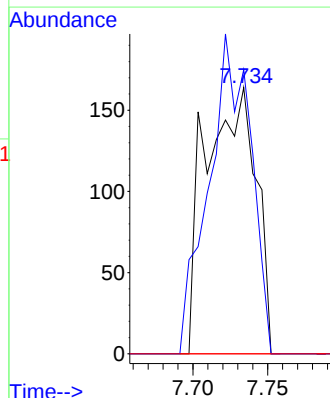
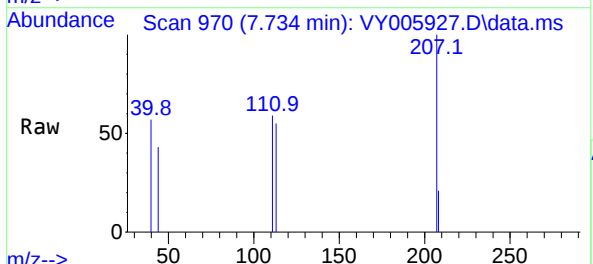
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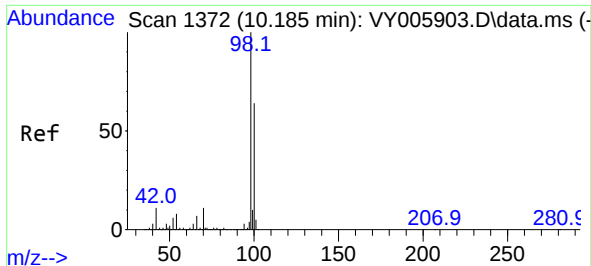
Tgt Ion:	114	Resp:	1762
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.4
88	16.1	0.0	30.0



#35
Dibromofluoromethane
Concen: 38.705 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

Tgt Ion:	113	Resp:	383
Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.9	122.9
192	0.0	19.4	29.0

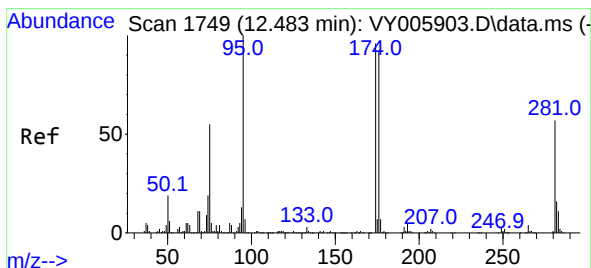
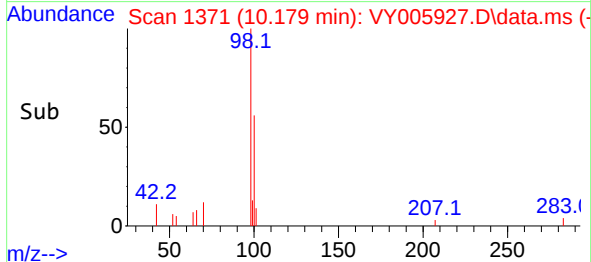
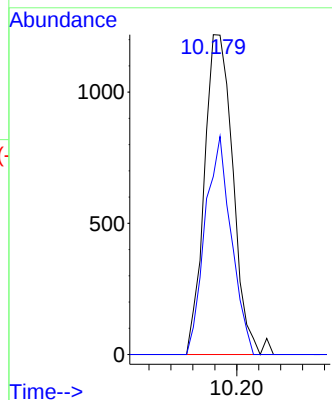
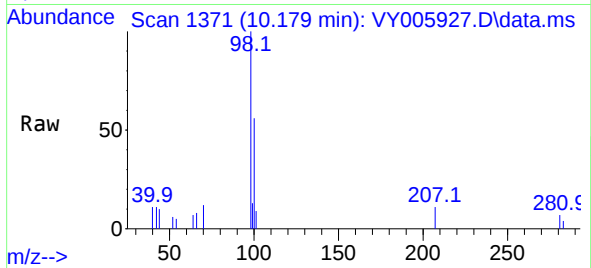




#50
Toluene-d8
Concen: 53.336 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

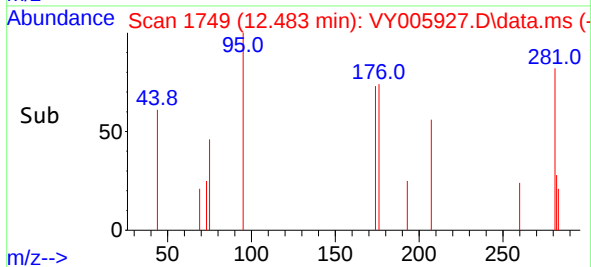
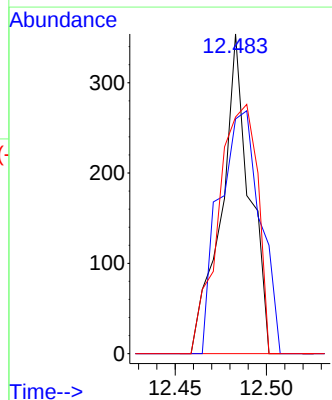
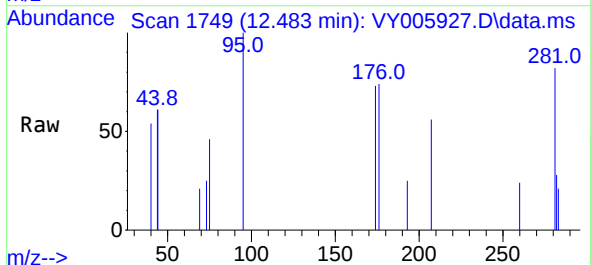
Instrument :
MSVOA_Y
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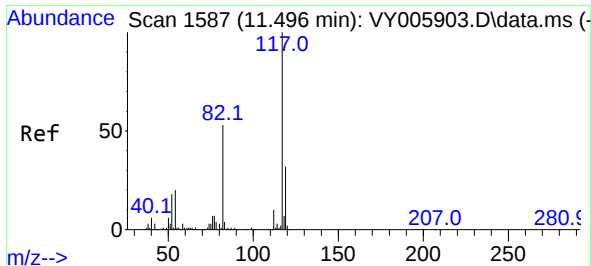
Tgt Ion: 98 Resp: 2215
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 27.107 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

Tgt Ion: 95 Resp: 378
Ion Ratio Lower Upper
95 100
174 110.6 0.0 192.4
176 109.3 0.0 186.8

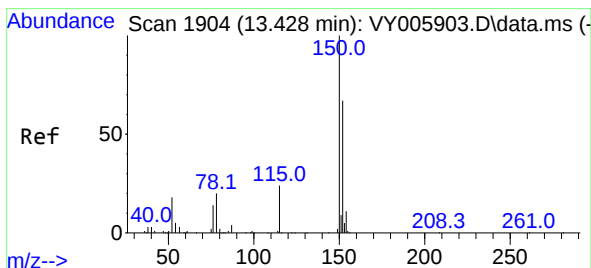
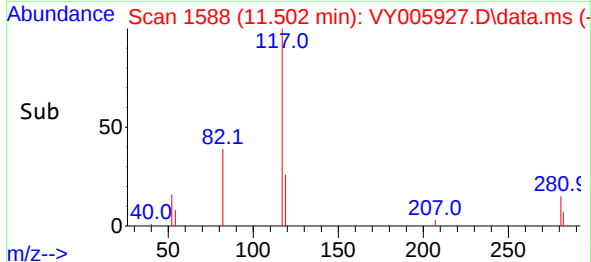
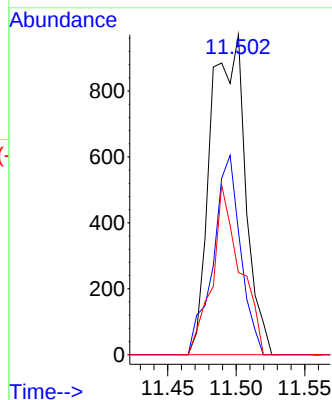
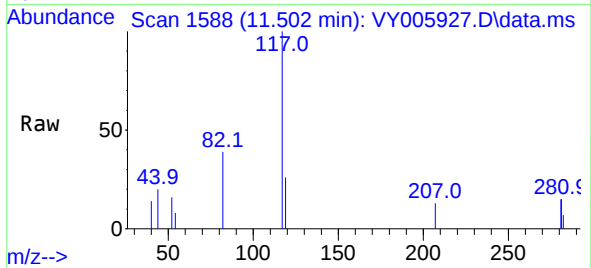




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

Instrument :
MSVOA_Y
ClientSampleId :
RO-PSC124042

Tgt Ion:	117	Resp:	1710
Ion	Ratio	Lower	Upper
117	100		
82	38.5	42.4	63.6#
119	25.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

Tgt Ion:	152	Resp:	280
Ion	Ratio	Lower	Upper
152	100		
115	75.0	26.8	80.4
150	172.1	0.0	345.6

