

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
 Data File : VY007289.D
 Acq On : 25 Jan 2022 13:09
 Operator : SY/MD
 Sample : N1245-01RE
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1(0.5-1)RE

Quant Time: Jan 26 03:57:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	48671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	77986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30372	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28893	48.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.760%
35) Dibromofluoromethane	7.716	113	28330	47.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.940%
50) Toluene-d8	10.179	98	106543	48.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.483	95	34093	43.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.900%

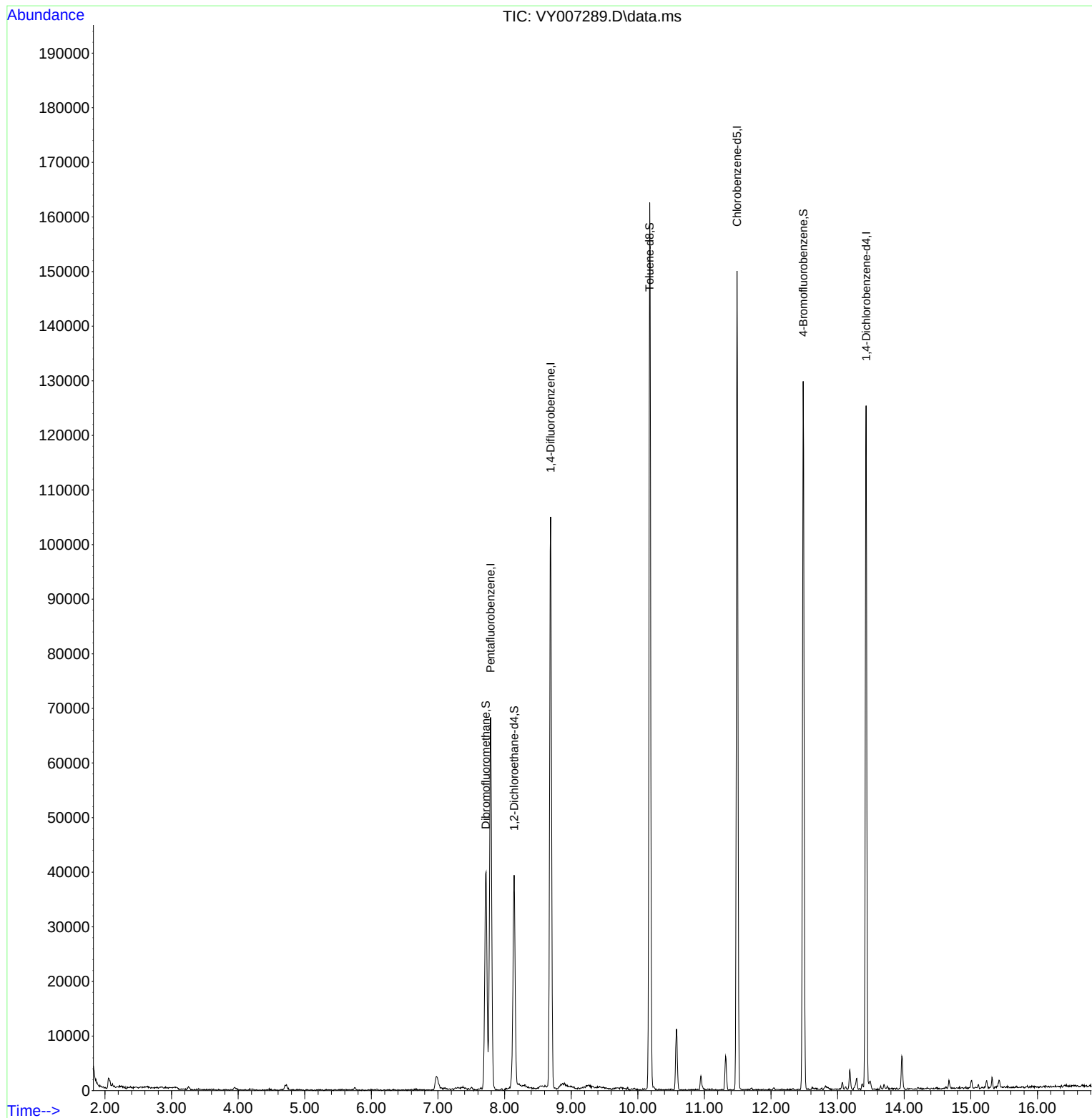
Target Compounds	Qvalue

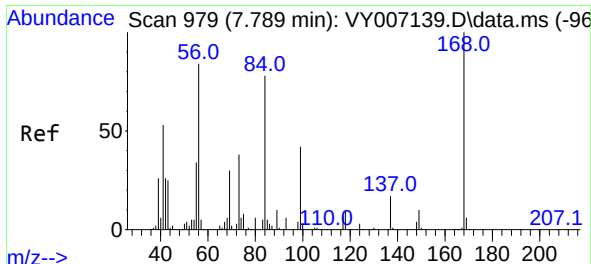
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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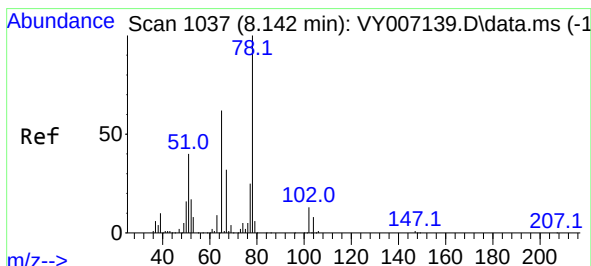
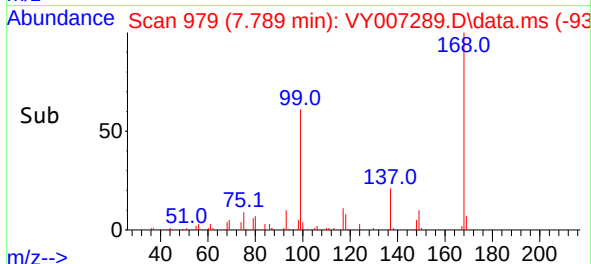
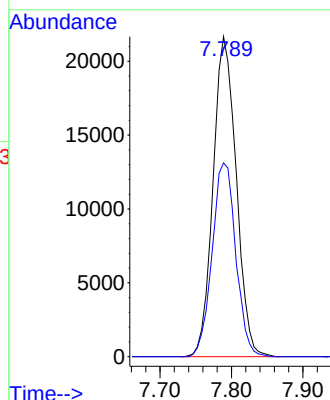
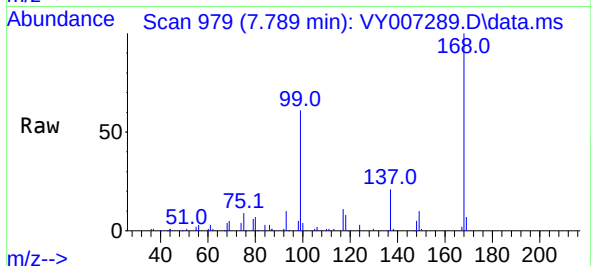




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

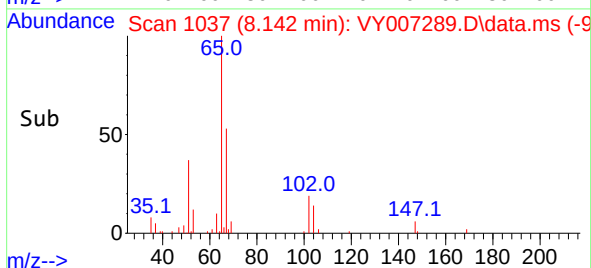
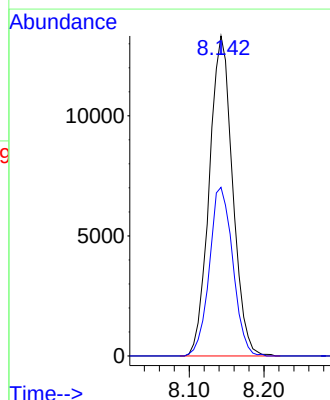
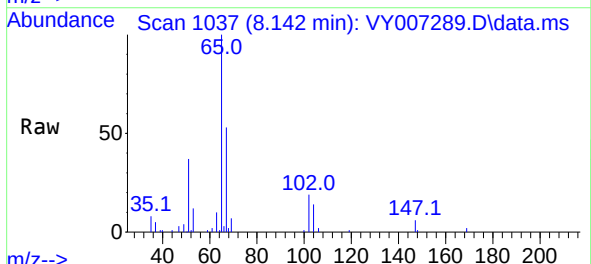
Instrument :
MSVOA_Y
ClientSampleId :
SB-1(0.5-1)RE

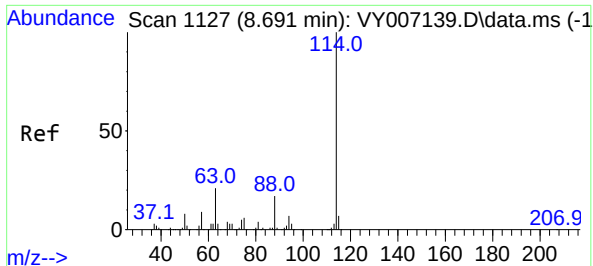
Tgt Ion:168 Resp: 48671
Ion Ratio Lower Upper
168 100
99 60.5 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 48.381 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Tgt Ion: 65 Resp: 28893
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6

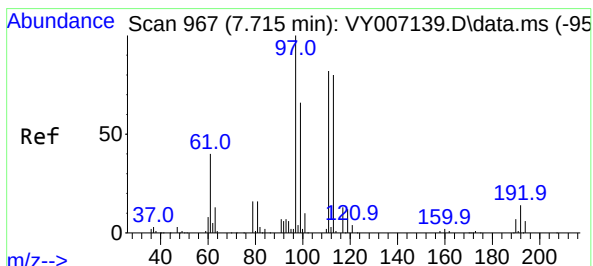
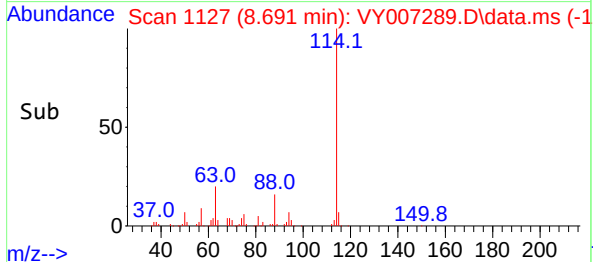
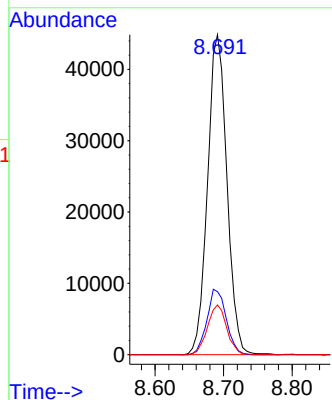
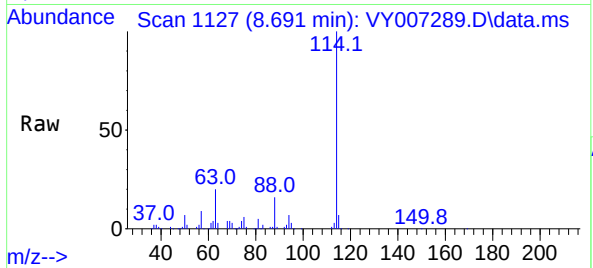




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

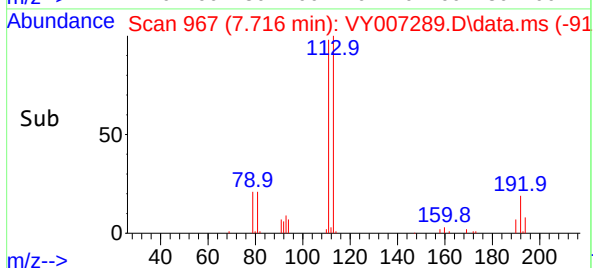
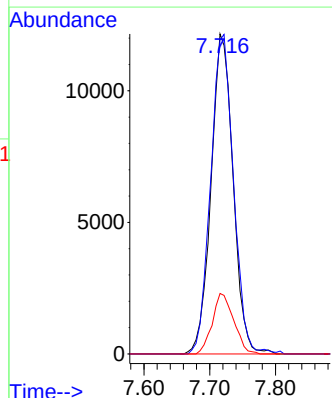
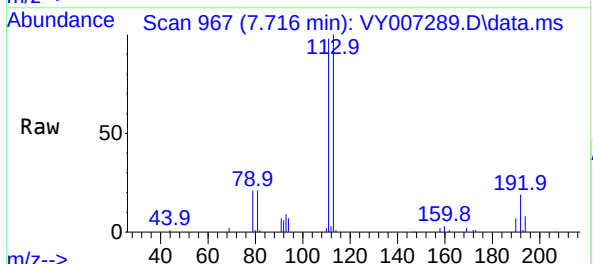
Instrument :
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ClientSampleId :
SB-1(0.5-1)RE

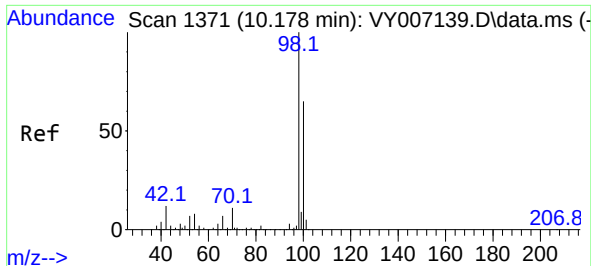
Tgt Ion:	114	Resp:	88253
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.2
88	15.5	0.0	31.0



#35
Dibromofluoromethane
Concen: 47.473 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Tgt Ion:	113	Resp:	28330
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	18.4	14.2	21.4

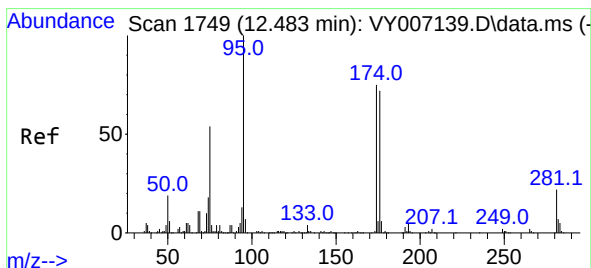
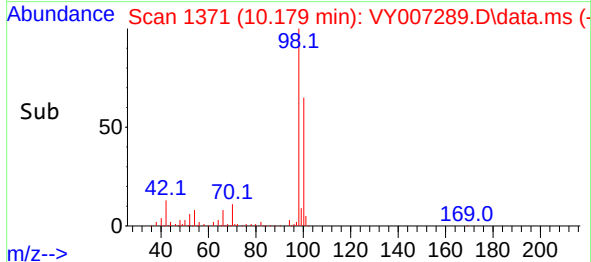
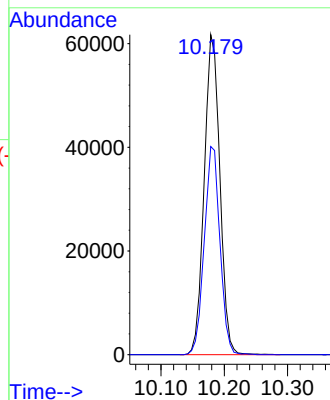
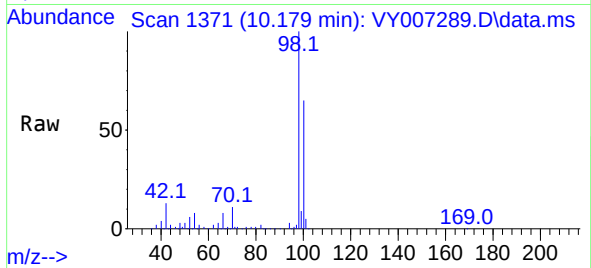




#50
Toluene-d8
Concen: 48.862 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

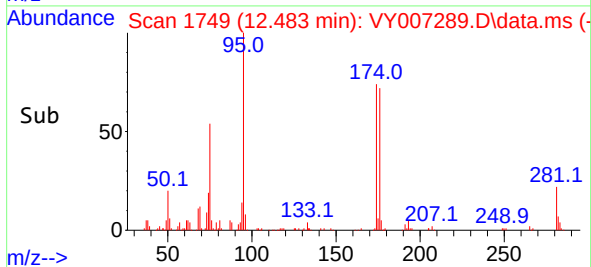
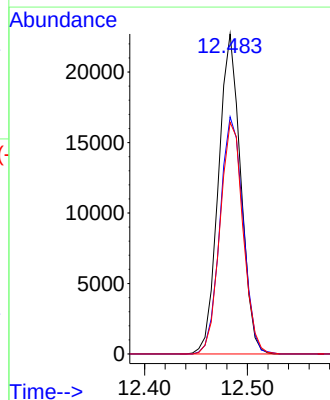
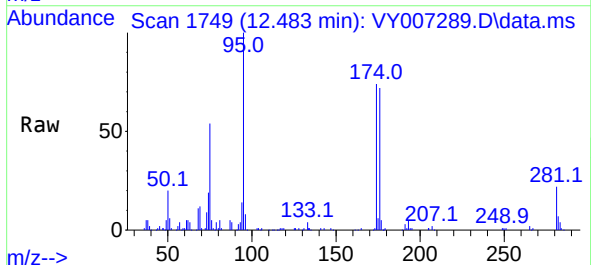
Instrument :
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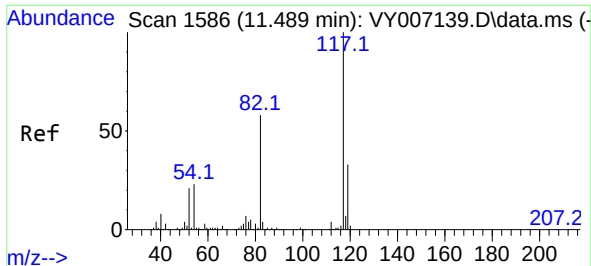
Tgt Ion: 98 Resp: 106543
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 43.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Tgt Ion: 95 Resp: 34093
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.4
176 74.9 0.0 146.6

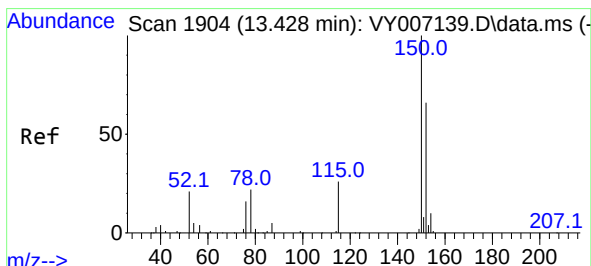
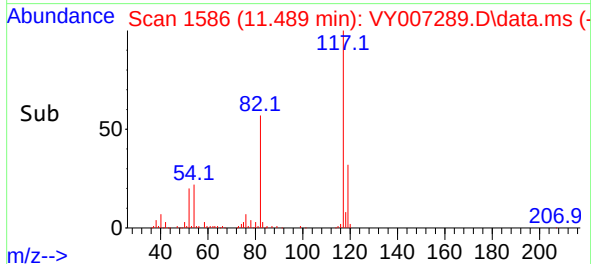
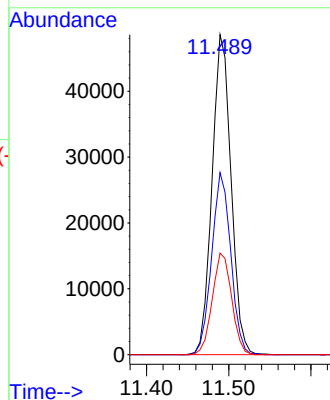
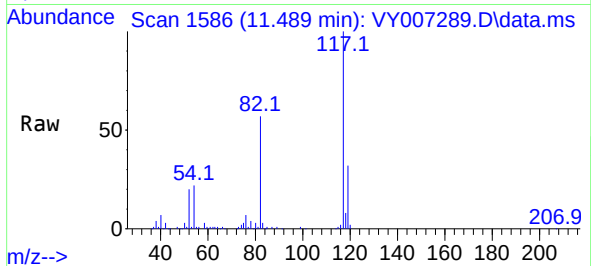




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :
SB-1(0.5-1)RE

Tgt Ion:	117	Resp:	77986
Ion Ratio	Lower	Upper	
117	100		
82	56.9	45.4	68.0
119	31.7	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Tgt Ion:	152	Resp:	30372
Ion Ratio	Lower	Upper	
152	100		
115	61.7	31.4	94.0
150	155.7	0.0	348.4

