

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011535.D
 Acq On : 21 Nov 2022 19:31
 Operator : KP/MD
 Sample : N5723-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-111822

Quant Time: Nov 22 01:47:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	765	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2117	72.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.980%
35) Dibromofluoromethane	7.728	113	907	29.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.980%
50) Toluene-d8	10.185	98	5624	51.172	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.489	95	1551	38.169	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.340%

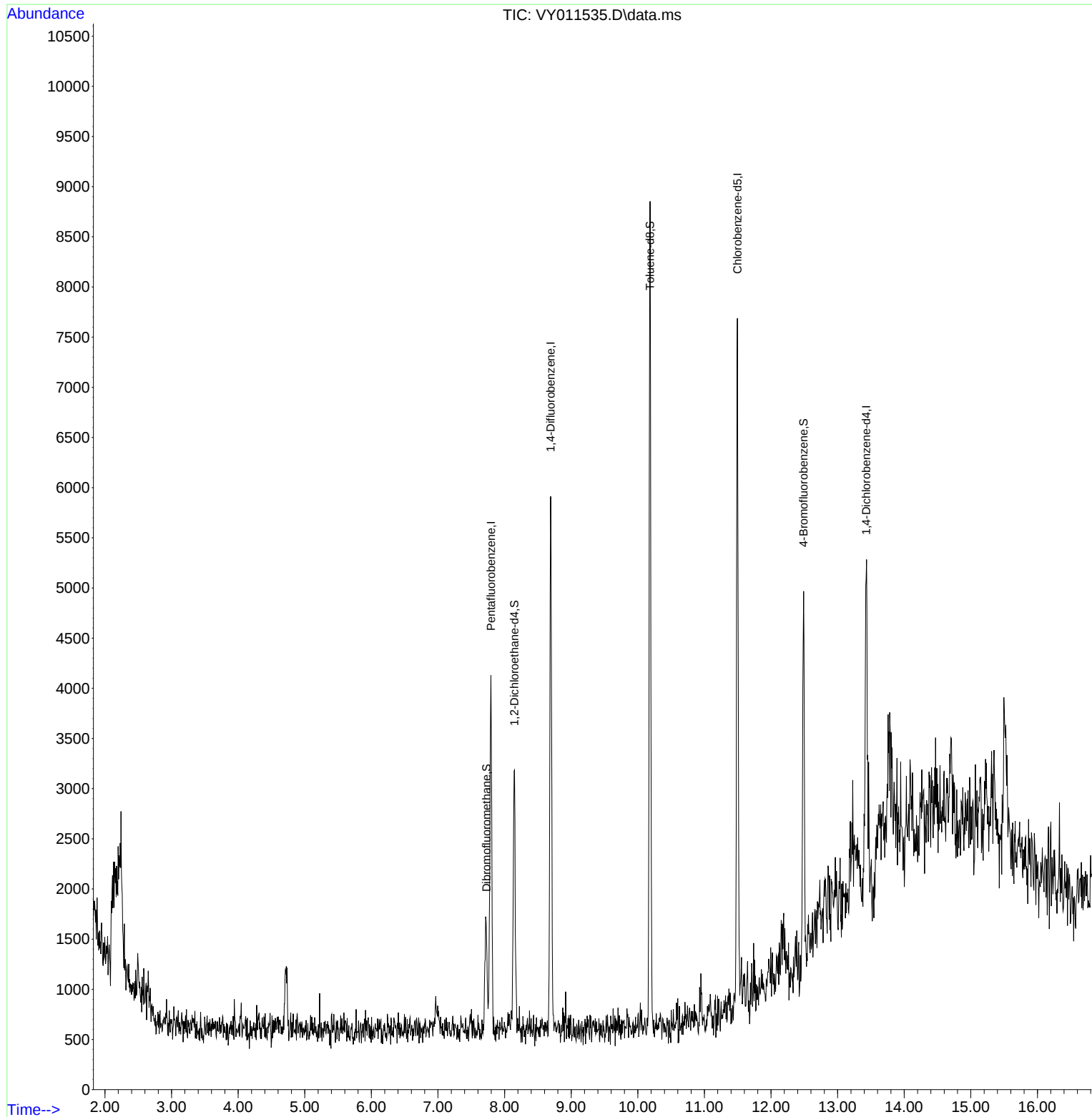
Target Compounds	Qvalue

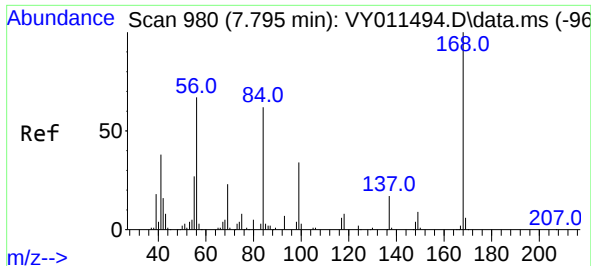
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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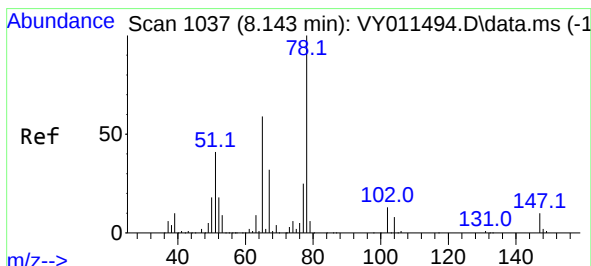
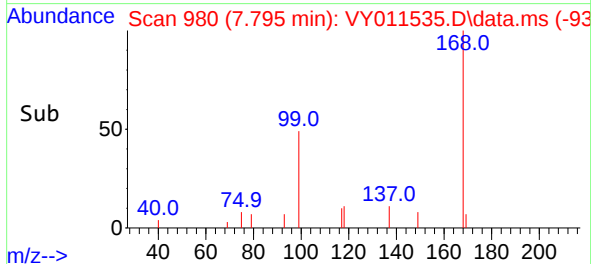
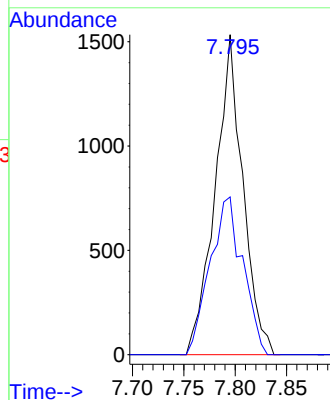
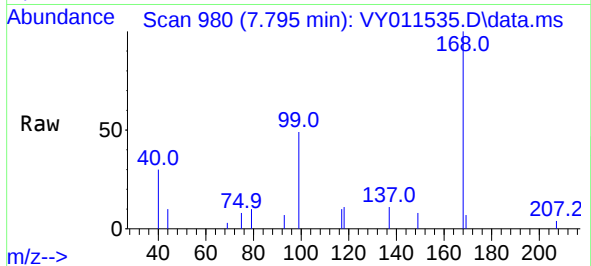




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011535.D
Acq: 21 Nov 2022 19:31

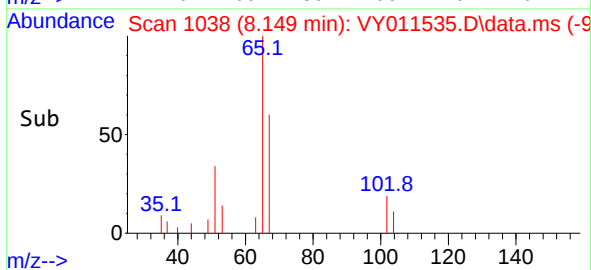
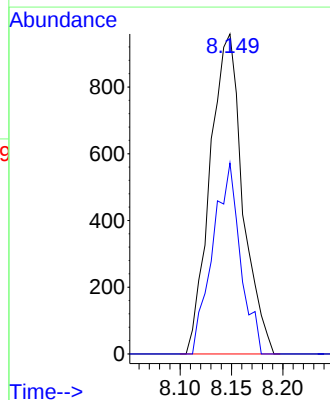
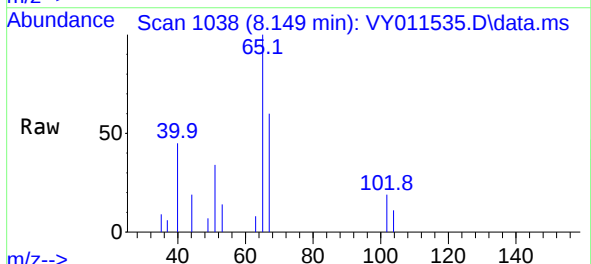
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-111822

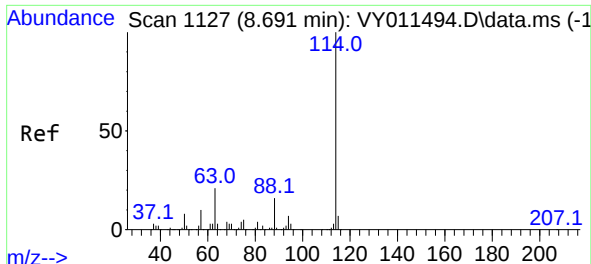
Tgt Ion:168 Resp: 2876
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.493 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY011535.D
Acq: 21 Nov 2022 19:31

Tgt Ion: 65 Resp: 2117
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.4

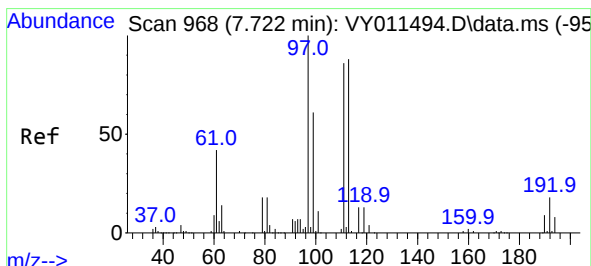
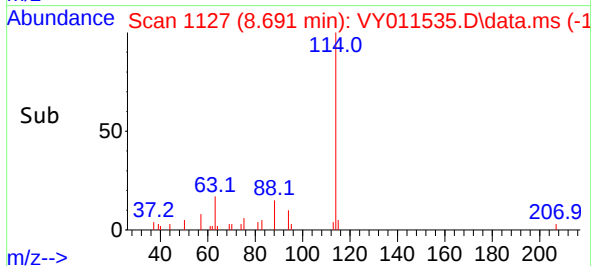
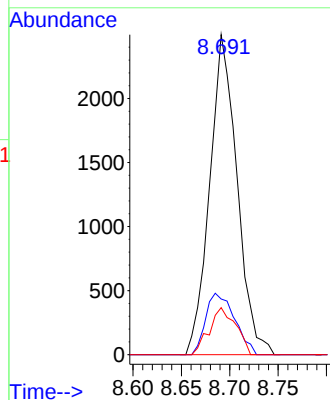
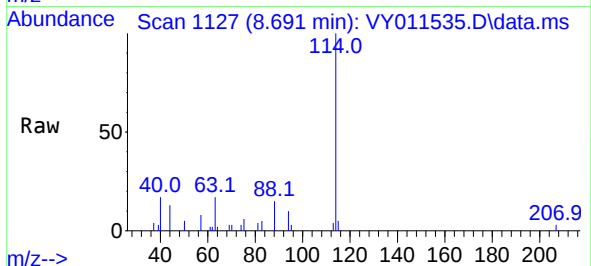




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011535.D
Acq: 21 Nov 2022 19:31

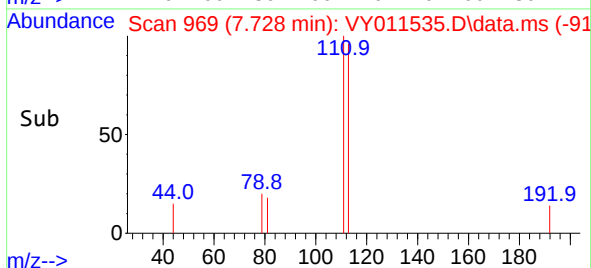
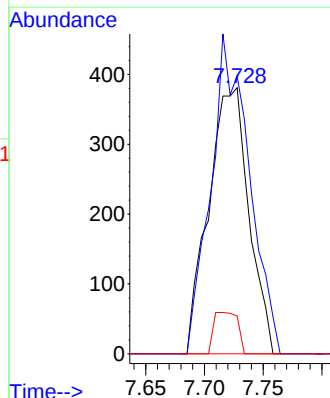
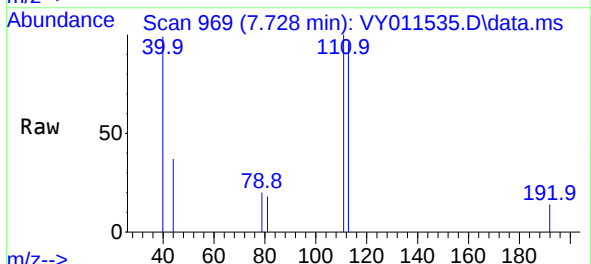
Instrument :
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ClientSampleId :
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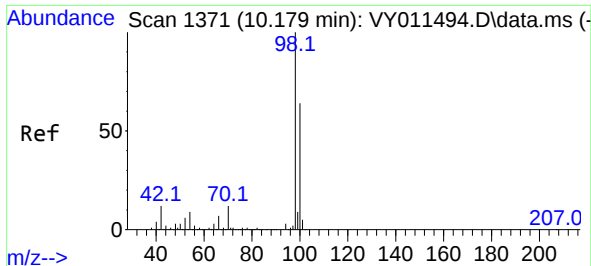
Tgt Ion:	114	Resp:	4913
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	43.2
88	14.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 29.989 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY011535.D
Acq: 21 Nov 2022 19:31

Tgt Ion:	113	Resp:	907
Ion	Ratio	Lower	Upper
113	100		
111	114.4	82.6	124.0
192	9.3	17.6	26.4

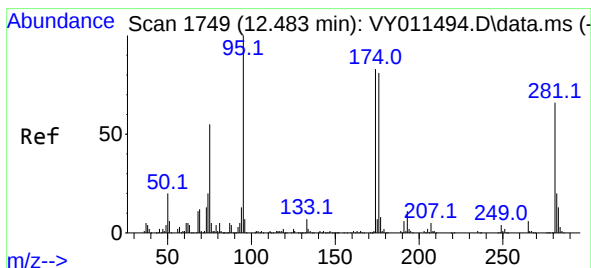
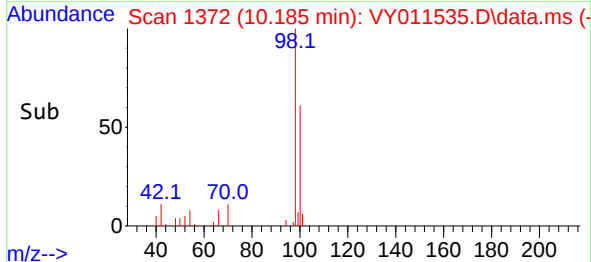
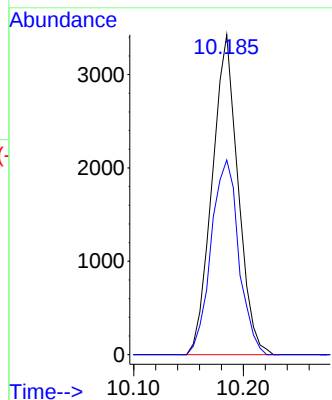
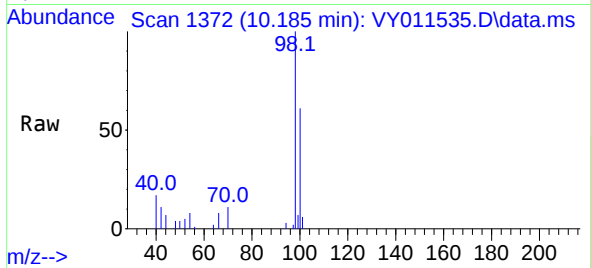




#50
Toluene-d8
Concen: 51.172 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011535.D
Acq: 21 Nov 2022 19:31

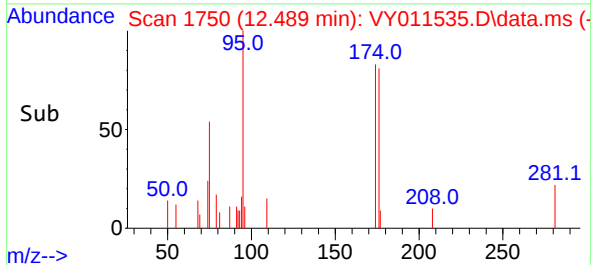
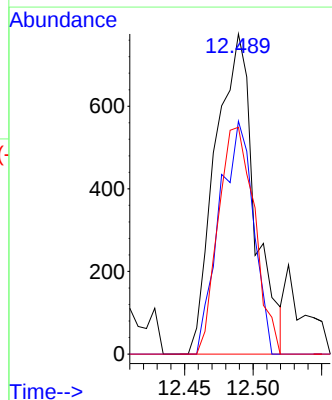
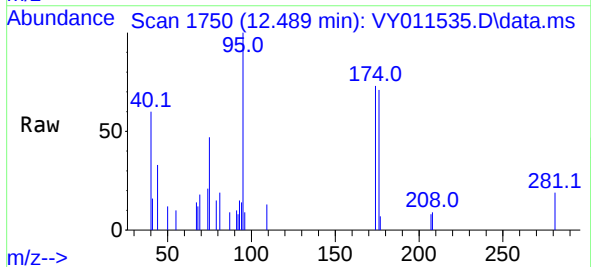
Instrument :
MSVOA_Y
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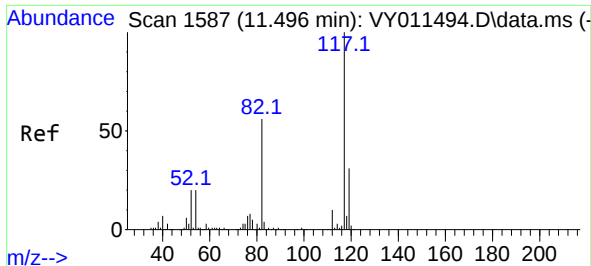
Tgt Ion: 98 Resp: 5624
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.169 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY011535.D
Acq: 21 Nov 2022 19:31

Tgt Ion: 95 Resp: 1551
Ion Ratio Lower Upper
95 100
174 62.8 0.0 177.0
176 65.3 0.0 175.8

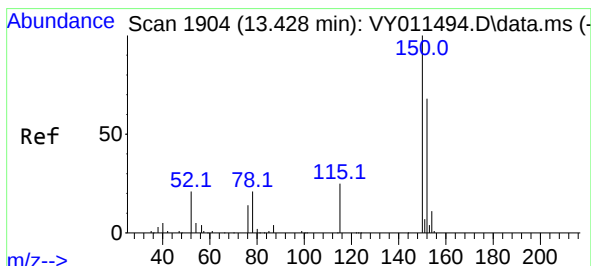
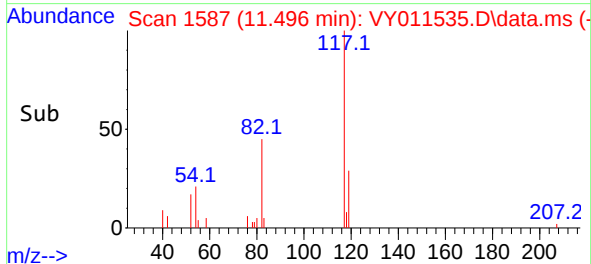
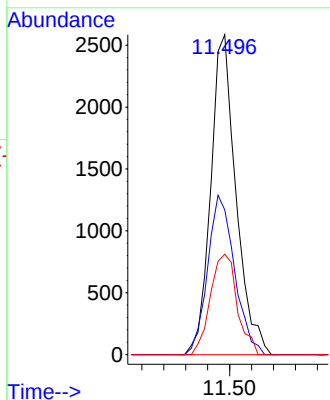
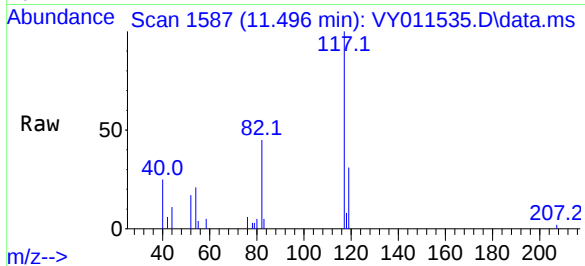




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011535.D
Acq: 21 Nov 2022 19:31

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-111822

Tgt Ion:	117	Resp:	4145
Ion	Ratio	Lower	Upper
117	100		
82	45.2	43.0	64.4
119	31.4	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: VY011535.D
Acq: 21 Nov 2022 19:31

Tgt Ion:	152	Resp:	765
Ion	Ratio	Lower	Upper
152	100		
115	63.0	28.2	84.7
150	136.1	0.0	347.6

