

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017507.D
 Acq On : 27 Feb 2024 19:23
 Operator : SY/MD
 Sample : P1612-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-022724

Quant Time: Feb 28 00:21:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2640	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	4486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1885	75.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.680%	
35) Dibromofluoromethane	7.728	113	1345	43.026	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.060%	
50) Toluene-d8	10.185	98	4614	42.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.440%	
62) 4-Bromofluorobenzene	12.483	95	1041	30.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 60.620%	

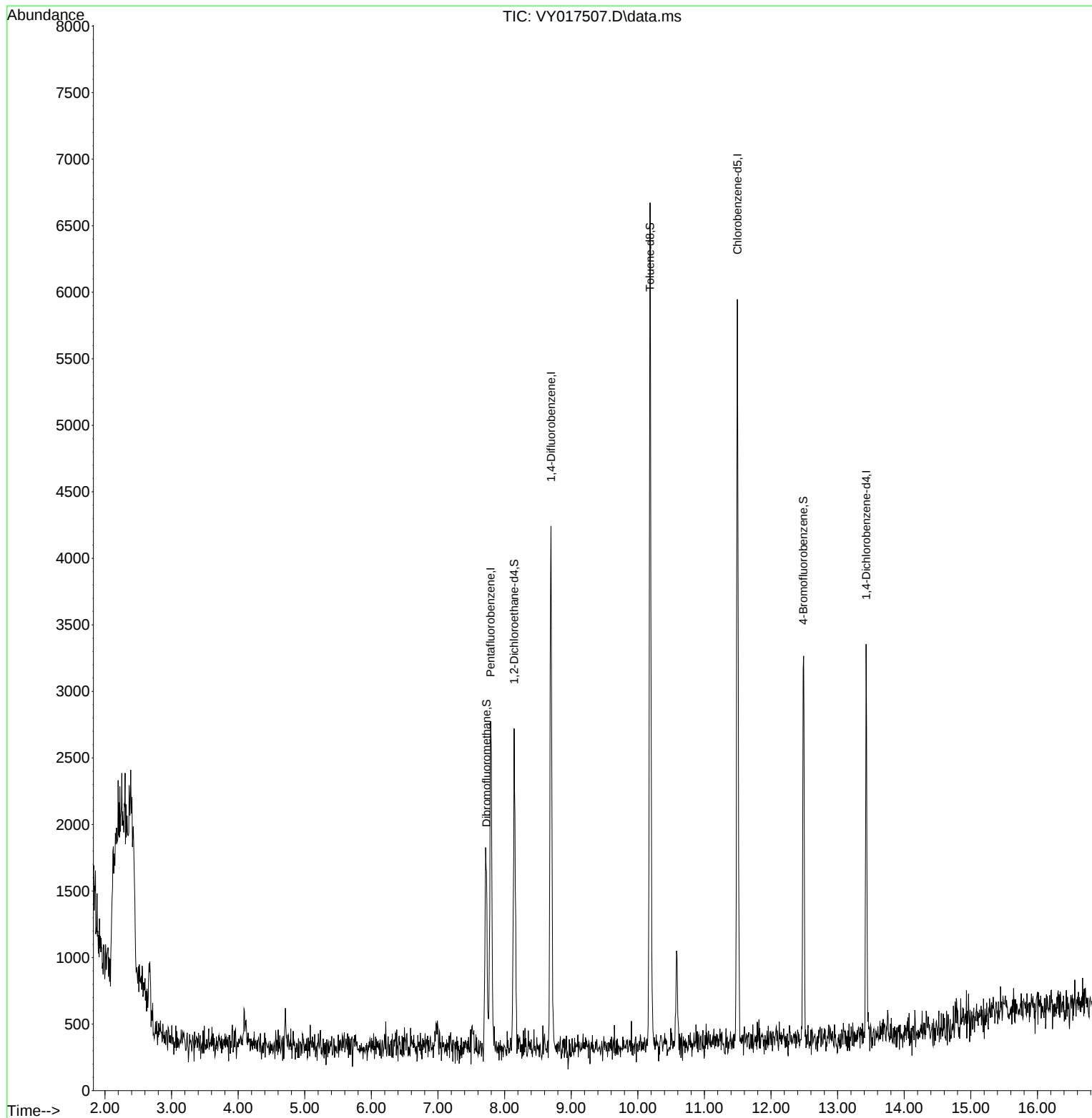
Target Compounds	Qvalue

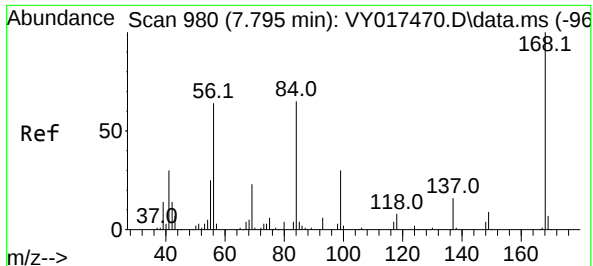
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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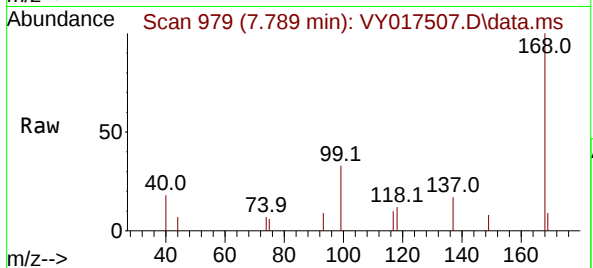
Quant Time: Feb 28 00:21:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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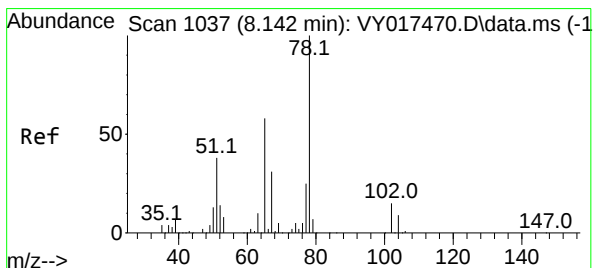
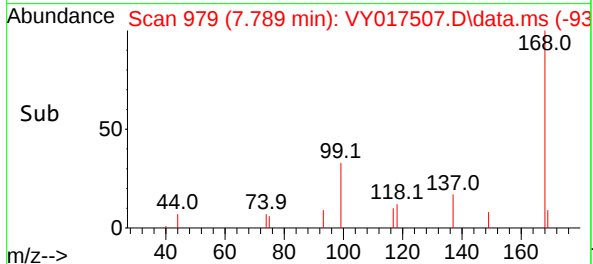
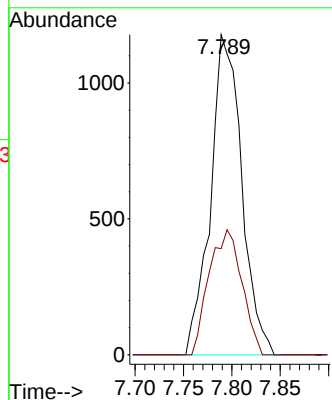


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

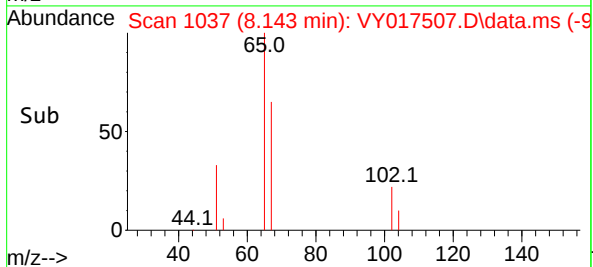
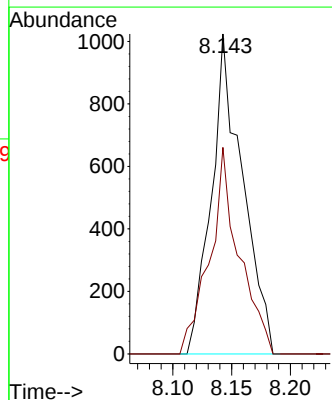
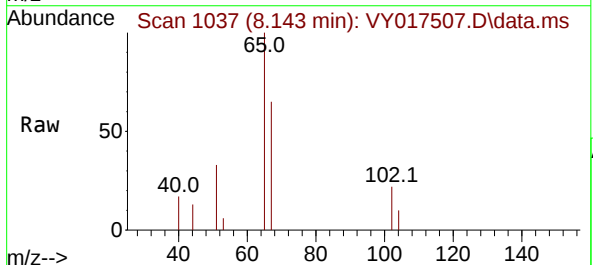


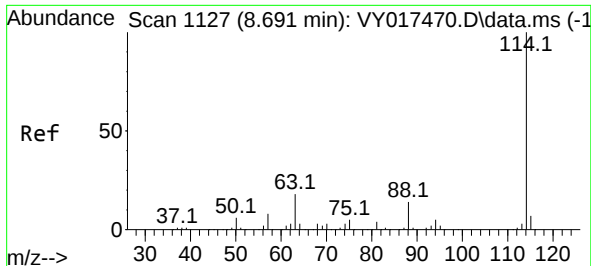
Tgt Ion:168 Resp: 2640
Ion Ratio Lower Upper
168 100
99 33.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 75.339 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Tgt Ion: 65 Resp: 1885
Ion Ratio Lower Upper
65 100
67 61.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017507.D

Acq: 27 Feb 2024 19:23

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-022724

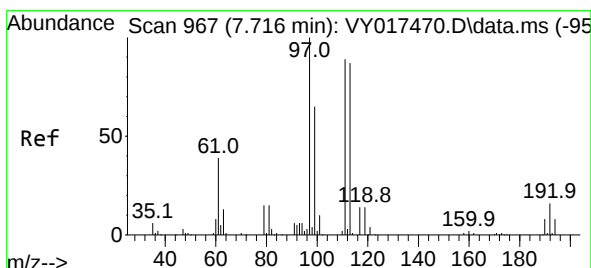
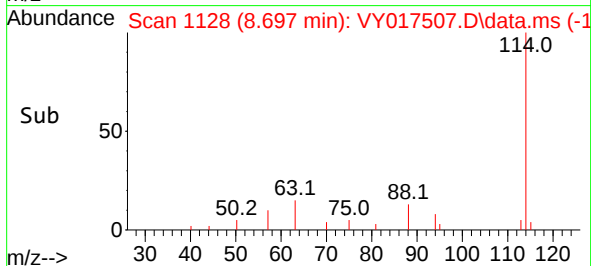
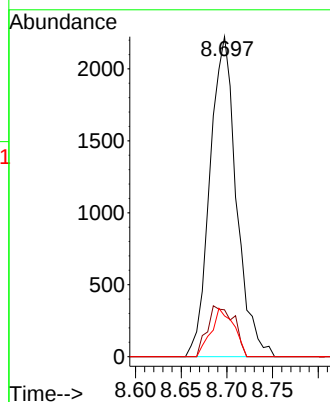
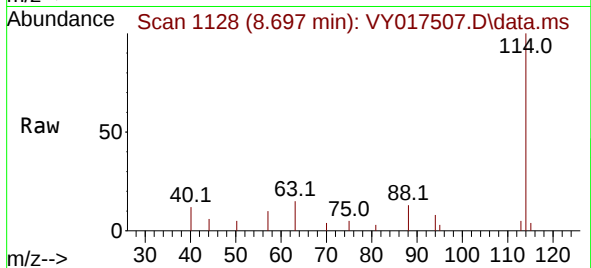
Tgt Ion:114 Resp: 4486

Ion Ratio Lower Upper

114 100

63 14.7 0.0 35.0

88 12.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.026 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017507.D

Acq: 27 Feb 2024 19:23

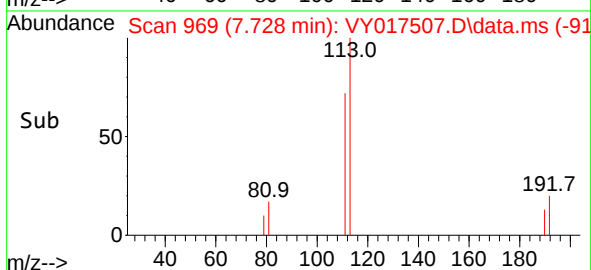
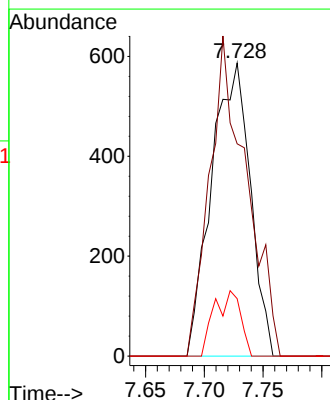
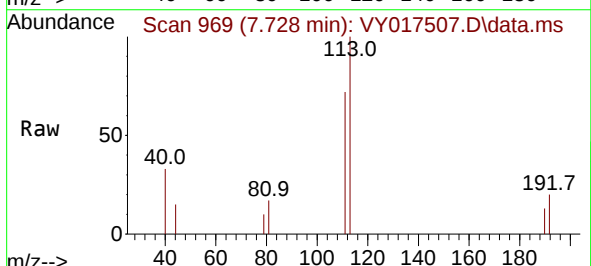
Tgt Ion:113 Resp: 1345

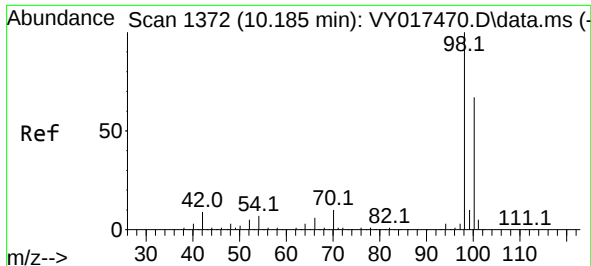
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 15.2 15.9 23.9#

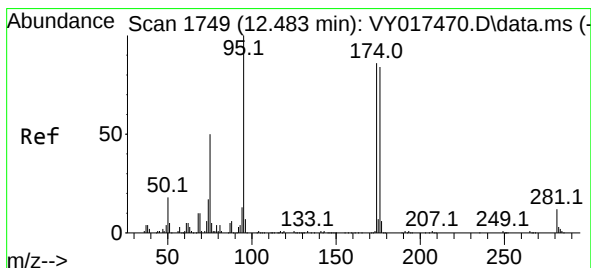
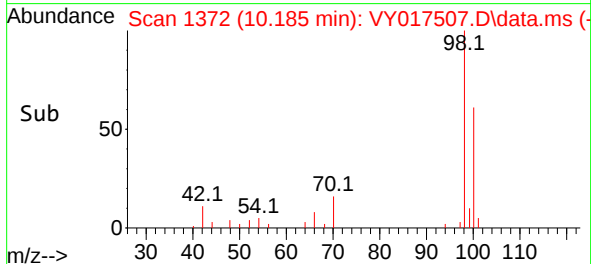
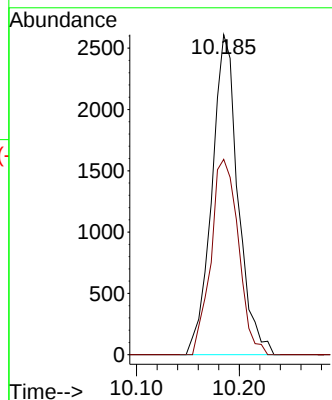
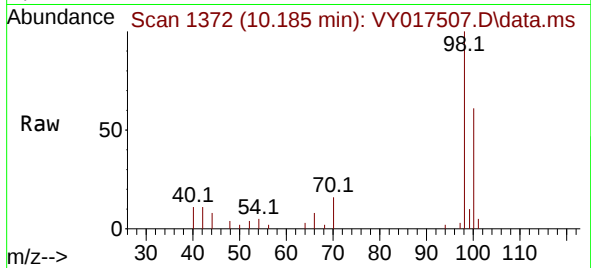




#50
Toluene-d8
Concen: 42.216 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

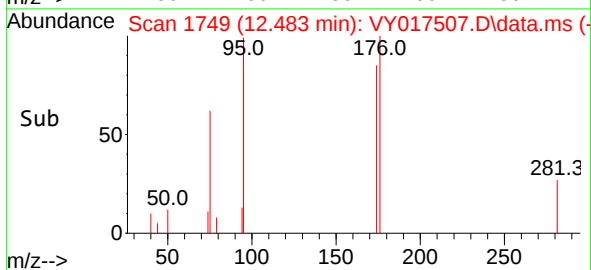
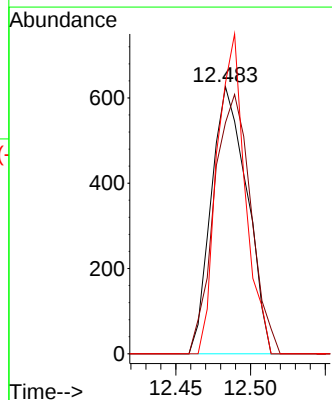
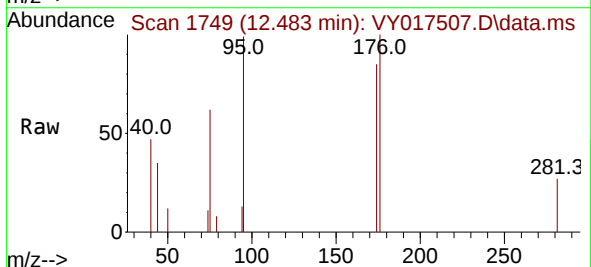
Instrument :
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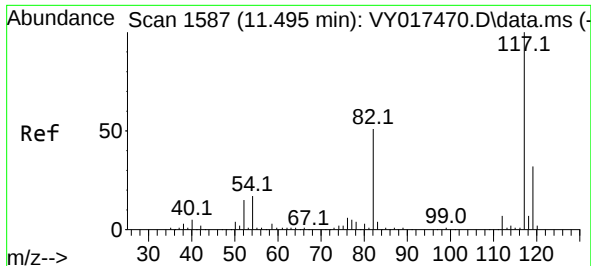
Tgt Ion: 98 Resp: 4614
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.307 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Tgt Ion: 95 Resp: 1041
Ion Ratio Lower Upper
95 100
174 100.0 0.0 175.6
176 93.7 0.0 171.4

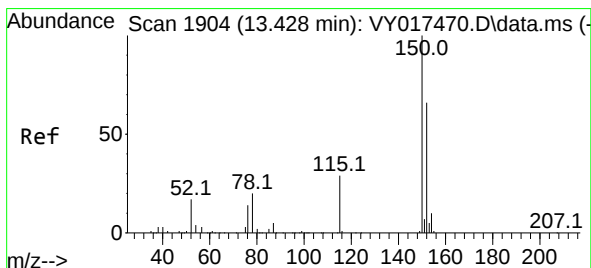
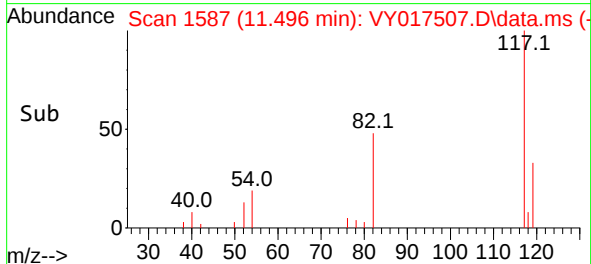
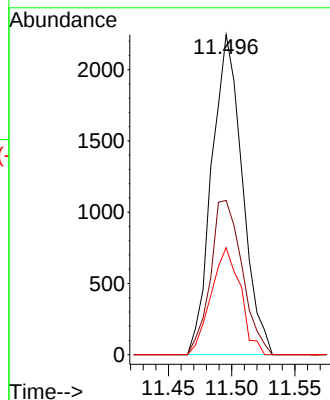
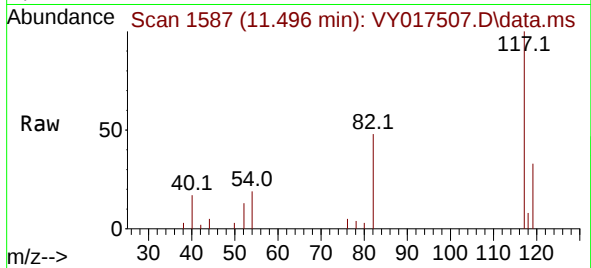




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

Tgt Ion:	117	Resp:	3766
Ion	Ratio	Lower	Upper
117	100		
82	48.2	42.4	63.6
119	33.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Tgt Ion:	152	Resp:	896
Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.2	84.7
150	150.6	0.0	345.6

