

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019099.D
 Acq On : 16 Aug 2024 17:31
 Operator : SY/MD
 Sample : P3512-06RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FDRE

Quant Time: Aug 17 00:07:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.689	168	2102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	3033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2869	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.043	65	1116	52.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.920%	
35) Dibromofluoromethane	7.616	113	1066	53.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.500%	
50) Toluene-d8	10.103	98	3908	54.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.520%	
62) 4-Bromofluorobenzene	12.402	95	680	27.950	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 55.900%	

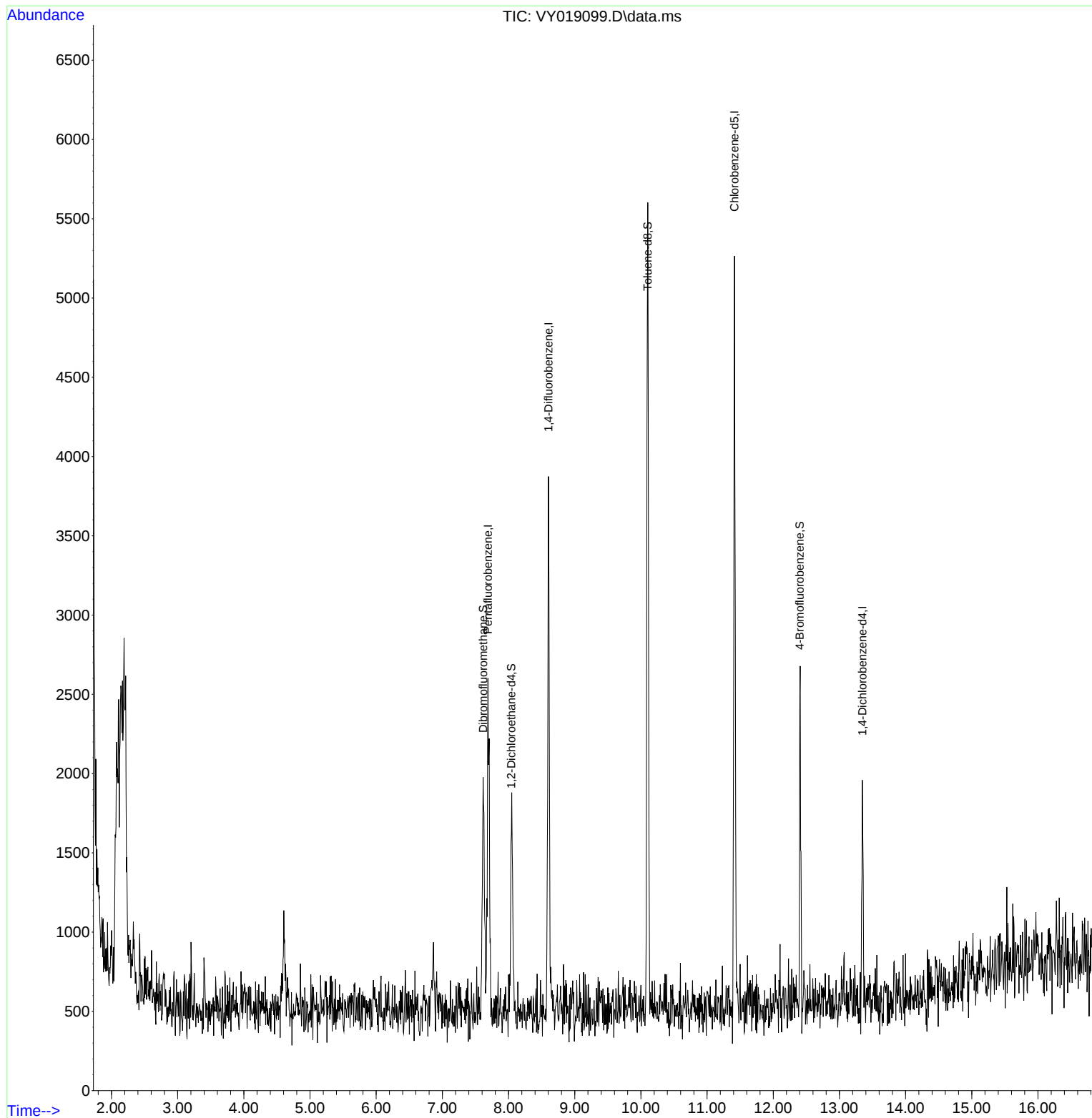
Target Compounds	Qvalue

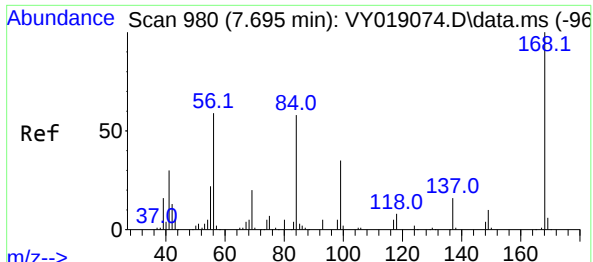
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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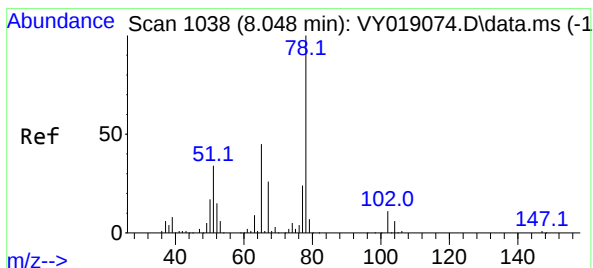
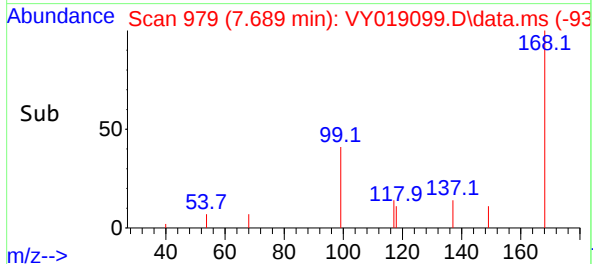
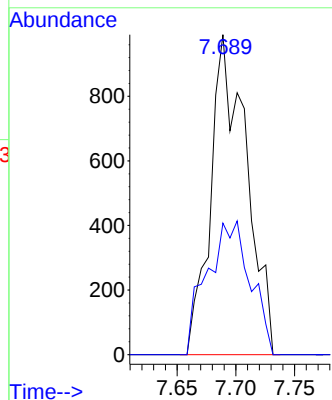
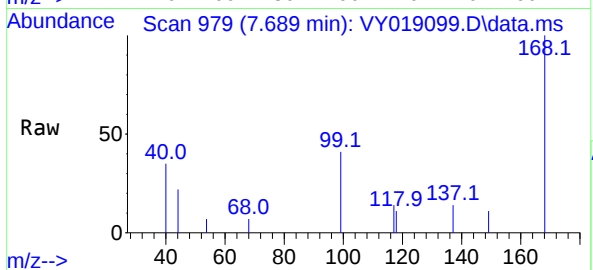




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019099.D
Acq: 16 Aug 2024 17:31

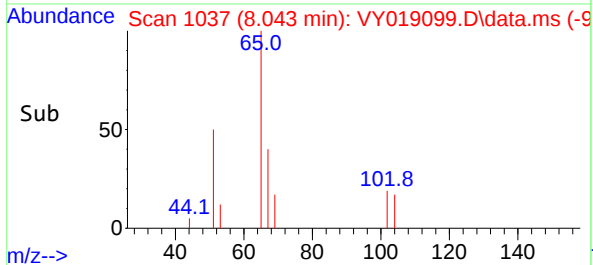
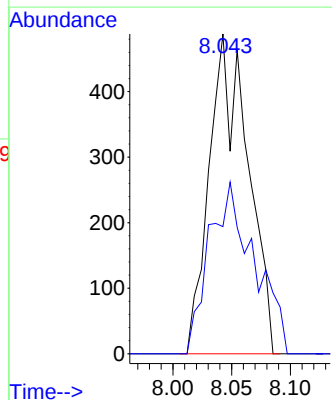
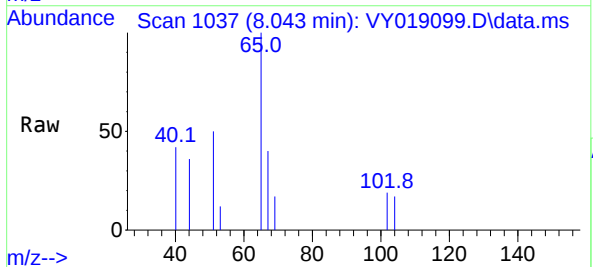
Instrument :
MSVOA_Y
ClientSampleId :
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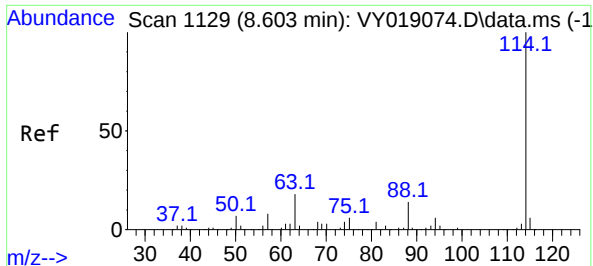
Tgt Ion:168 Resp: 2102
Ion Ratio Lower Upper
168 100
99 41.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.964 ug/l
RT: 8.043 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY019099.D
Acq: 16 Aug 2024 17:31

Tgt Ion: 65 Resp: 1116
Ion Ratio Lower Upper
65 100
67 62.4 0.0 109.6

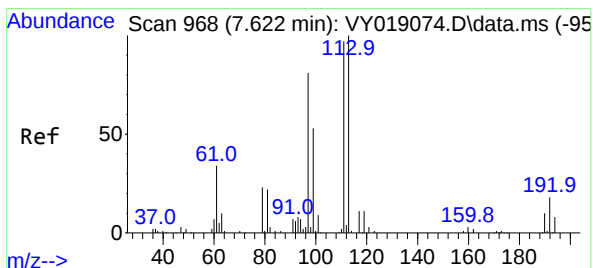
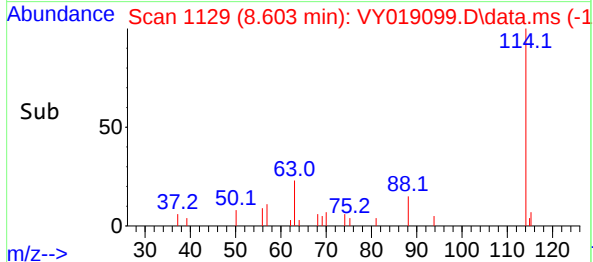
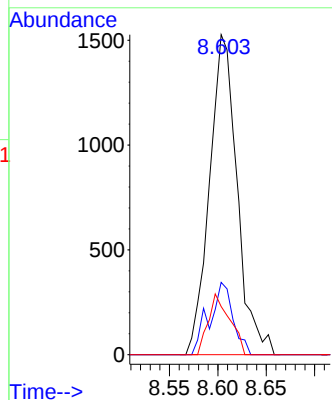
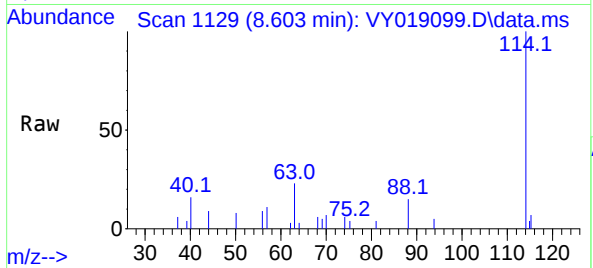




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019099.D
Acq: 16 Aug 2024 17:31

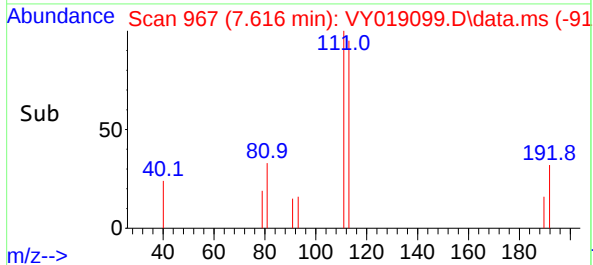
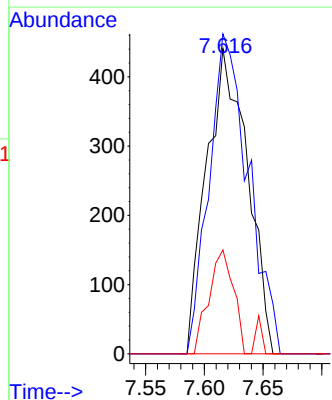
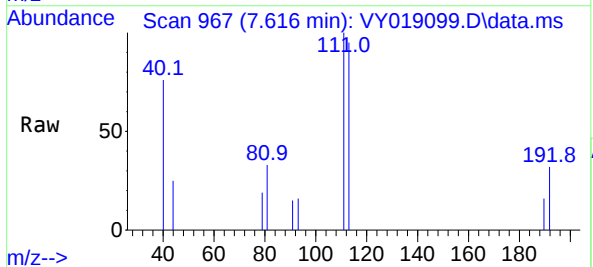
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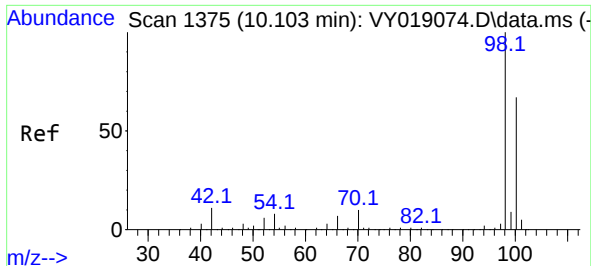
Tgt Ion:114	Resp:	3033
Ion	Ratio	Lower Upper
114	100	
63	22.6	0.0 35.0
88	15.1	0.0 27.2



#35
Dibromofluoromethane
Concen: 53.753 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY019099.D
Acq: 16 Aug 2024 17:31

Tgt Ion:113	Resp:	1066
Ion	Ratio	Lower Upper
113	100	
111	100.7	82.2 123.4
192	20.5	15.9 23.9

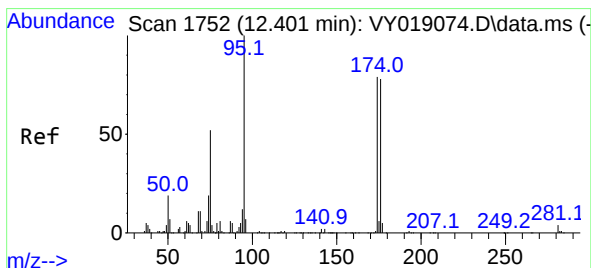
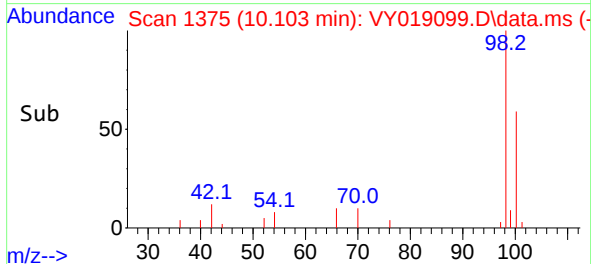
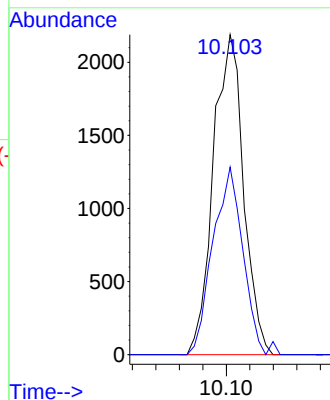
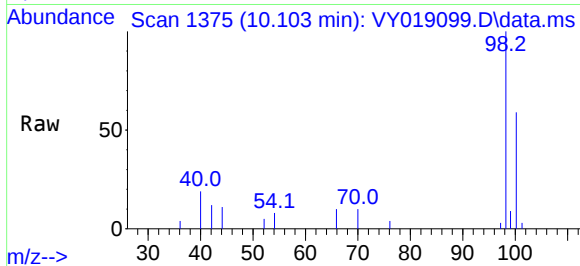




#50
Toluene-d8
Concen: 54.759 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019099.D
Acq: 16 Aug 2024 17:31

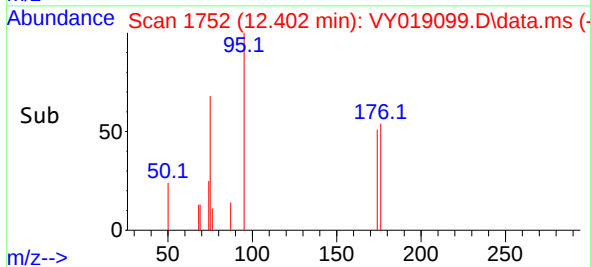
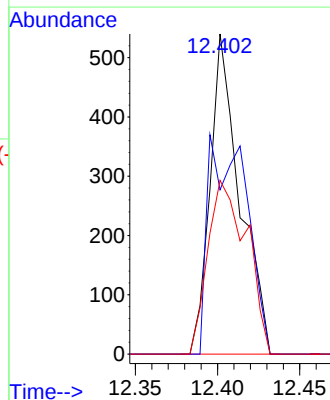
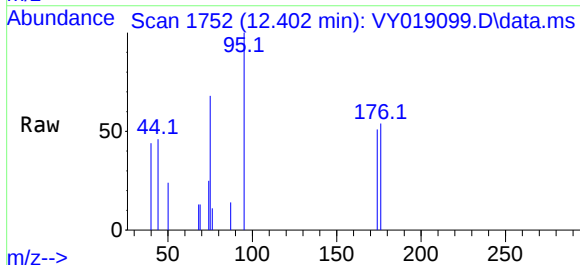
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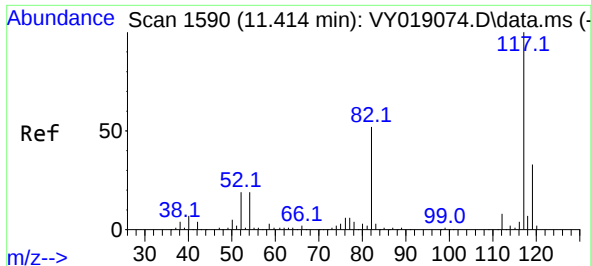
Tgt Ion: 98 Resp: 3908
Ion Ratio Lower Upper
98 100
100 58.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.950 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019099.D
Acq: 16 Aug 2024 17:31

Tgt Ion: 95 Resp: 680
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.6
176 70.9 0.0 171.4

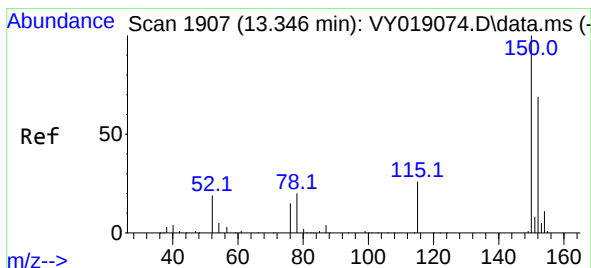
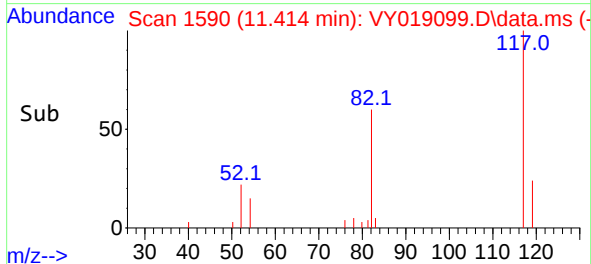
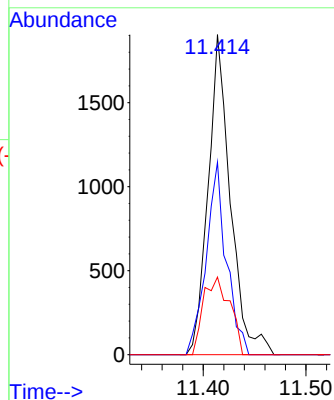
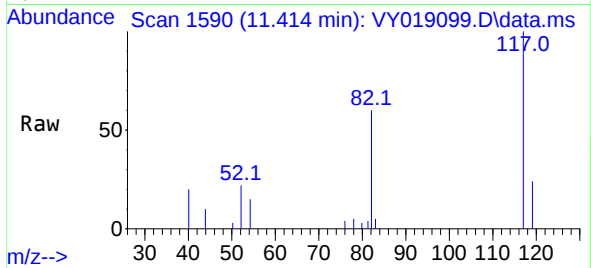




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019099.D
Acq: 16 Aug 2024 17:31

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Tgt Ion:	117	Resp:	2869
Ion	Ratio	Lower	Upper
117	100		
82	60.2	42.4	63.6
119	24.3	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019099.D
Acq: 16 Aug 2024 17:31

Tgt Ion:	152	Resp:	488
Ion	Ratio	Lower	Upper
152	100		
115	40.0	28.2	84.7
150	153.9	0.0	345.6

