

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019869.D
 Acq On : 11 Oct 2024 14:14
 Operator : SY/MD
 Sample : P4377-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-100924

Quant Time: Oct 14 01:47:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	7323	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	14190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	8881	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	1549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4781	53.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.040%	
35) Dibromofluoromethane	7.634	113	4382	46.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.600%	
50) Toluene-d8	10.109	98	15251	44.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.200%	
62) 4-Bromofluorobenzene	12.408	95	2641	21.137	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 42.280%	

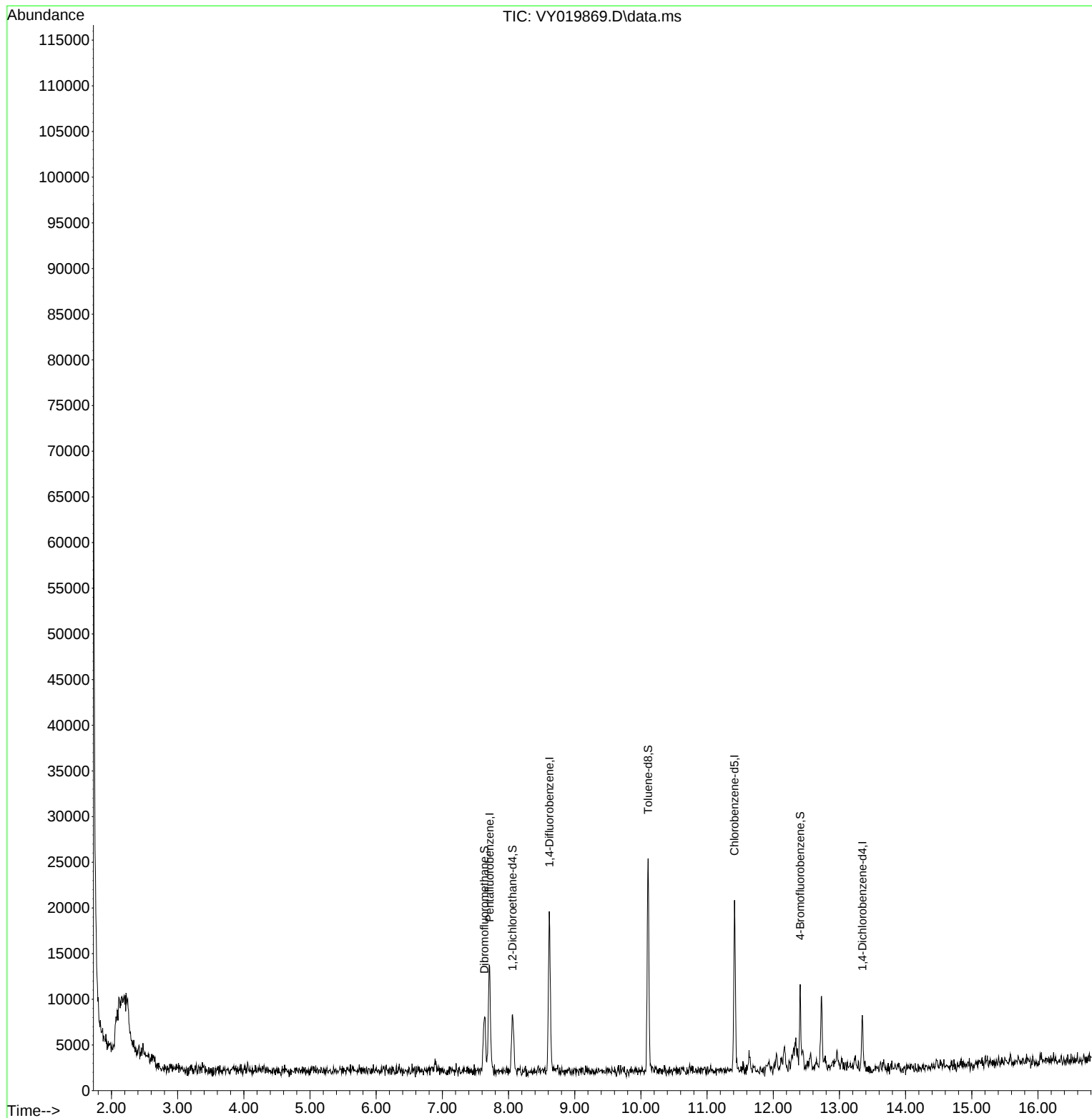
Target Compounds	Qvalue

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

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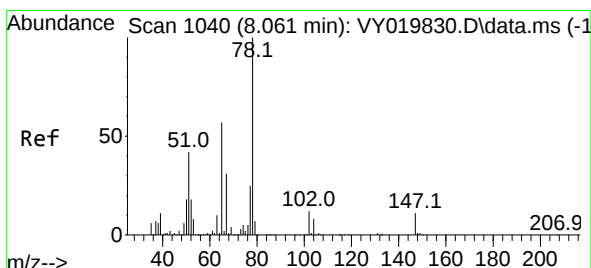
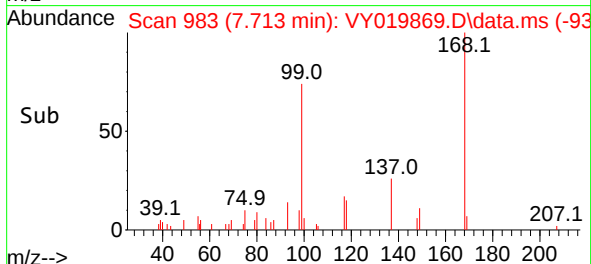
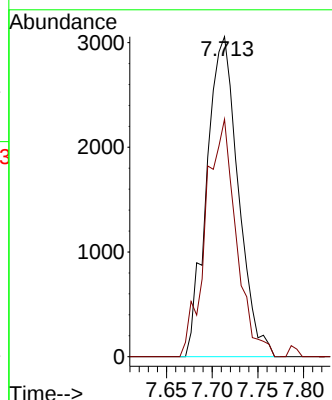
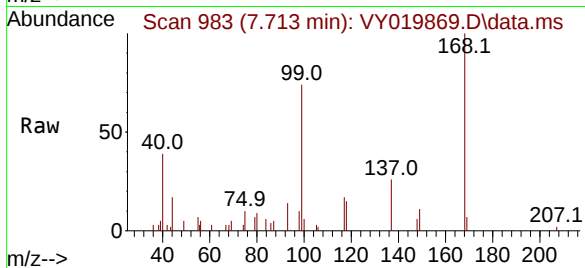




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019869.D
Acq: 11 Oct 2024 14:14

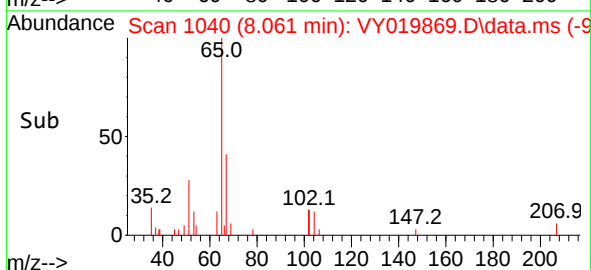
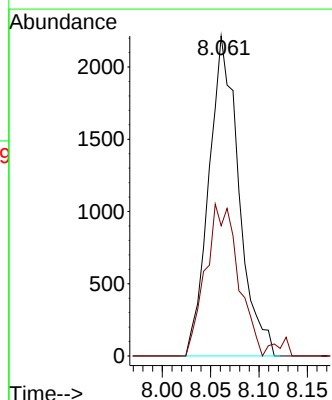
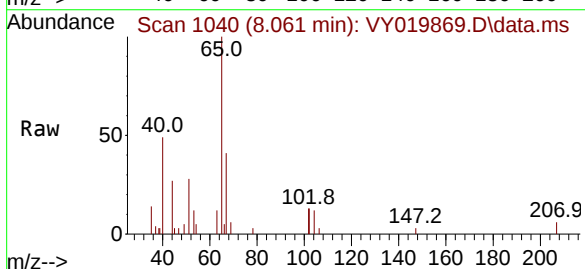
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-100924

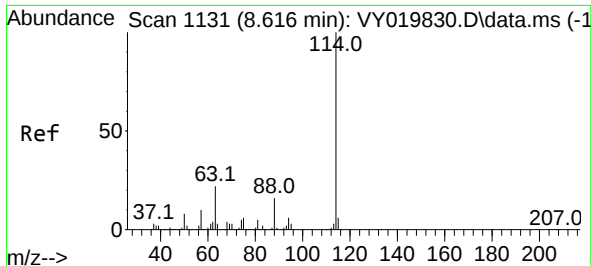
Tgt Ion:168 Resp: 7323
Ion Ratio Lower Upper
168 100
99 74.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.023 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019869.D
Acq: 11 Oct 2024 14:14

Tgt Ion: 65 Resp: 4781
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

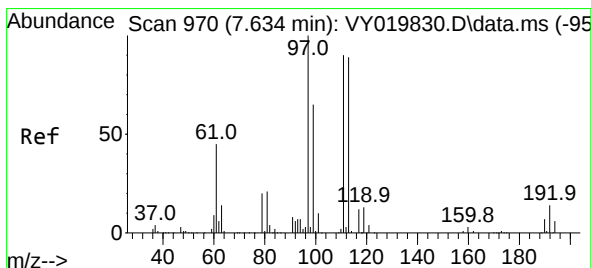
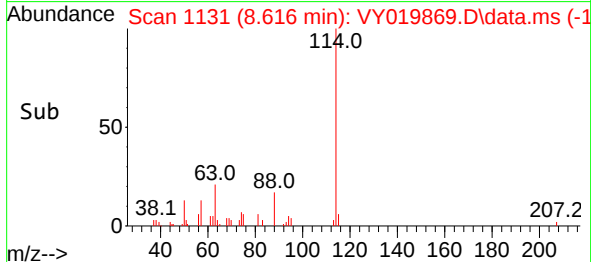
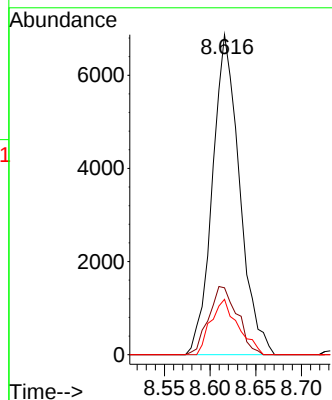
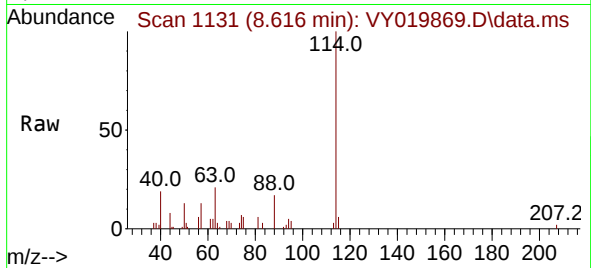




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019869.D
Acq: 11 Oct 2024 14:14

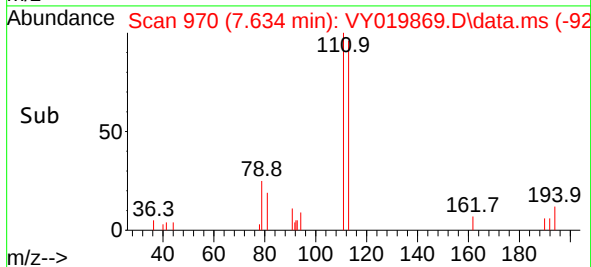
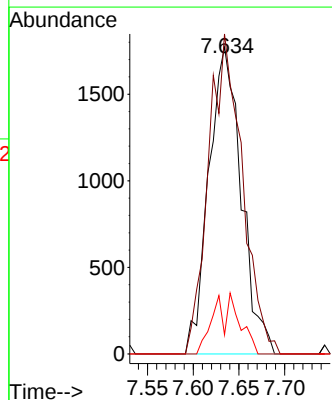
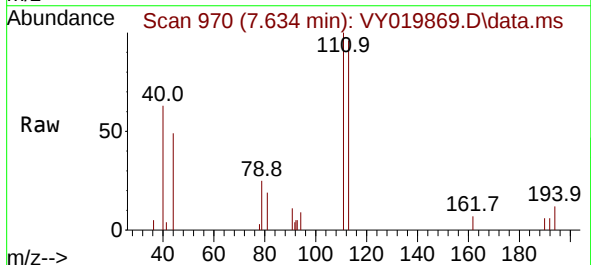
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ClientSampleId :
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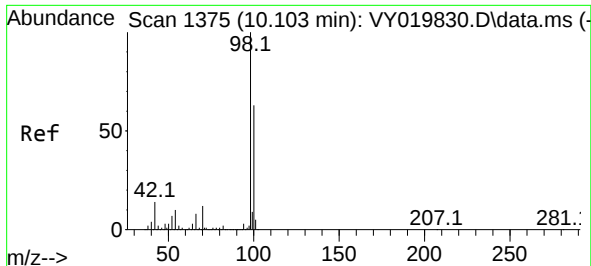
Tgt Ion:	114	Resp:	14190
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	35.0
88	17.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 46.797 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019869.D
Acq: 11 Oct 2024 14:14

Tgt Ion:	113	Resp:	4382
Ion	Ratio	Lower	Upper
113	100		
111	108.3	82.2	123.4
192	7.4	15.9	23.9

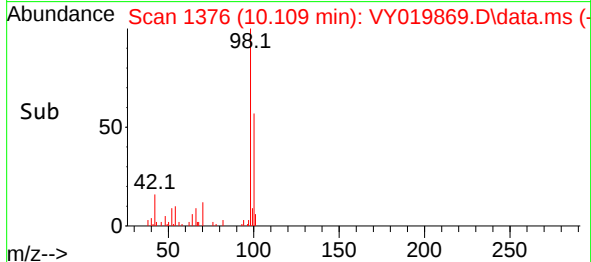
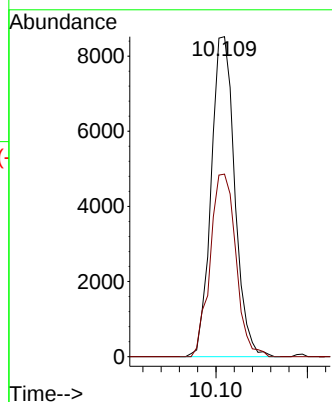
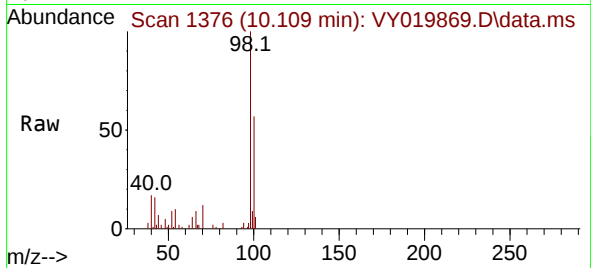




#50
Toluene-d8
Concen: 44.104 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019869.D
Acq: 11 Oct 2024 14:14

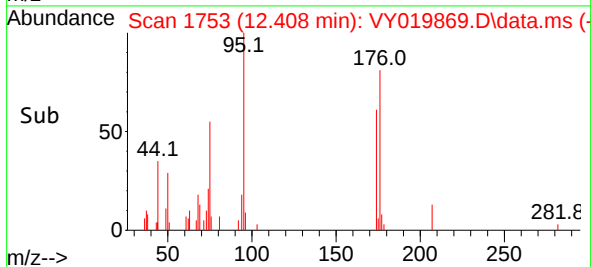
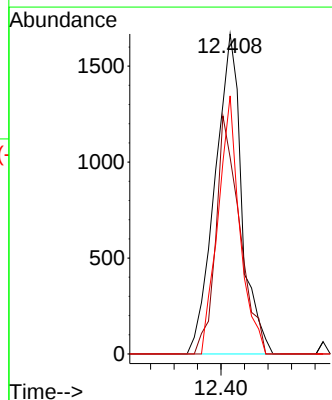
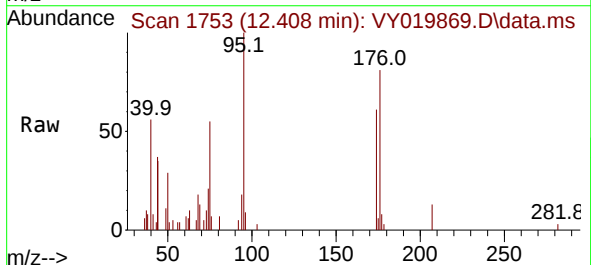
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-100924

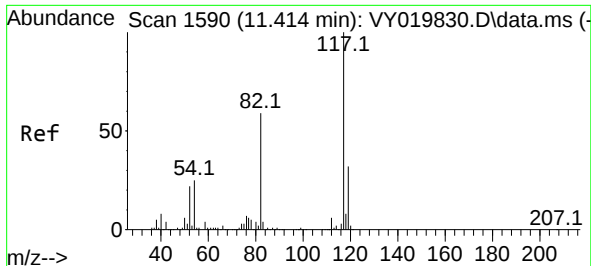
Tgt Ion: 98 Resp: 15251
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 21.137 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019869.D
Acq: 11 Oct 2024 14:14

Tgt Ion: 95 Resp: 2641
Ion Ratio Lower Upper
95 100
174 66.5 0.0 175.6
176 65.6 0.0 171.4

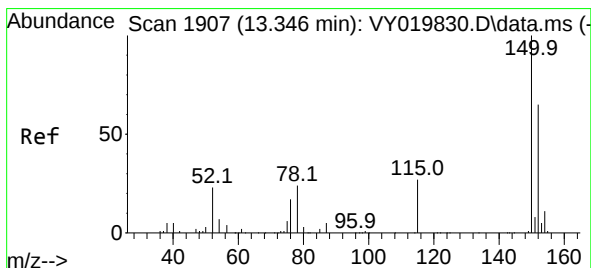
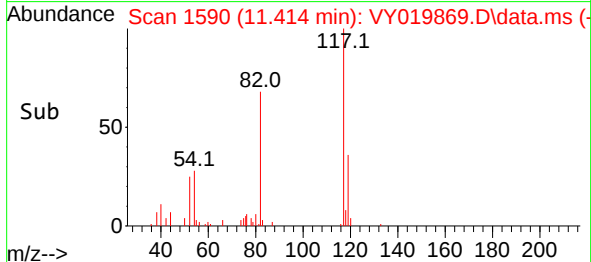
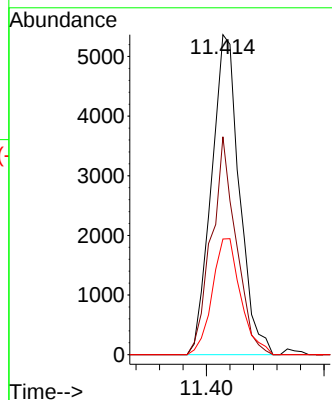
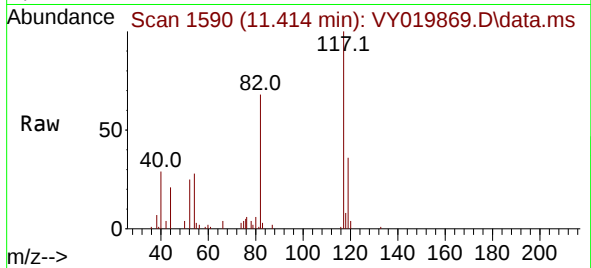




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019869.D
Acq: 11 Oct 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-100924

Tgt Ion:117 Resp: 8881
Ion Ratio Lower Upper
117 100
82 68.1 42.4 63.6#
119 36.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019869.D
Acq: 11 Oct 2024 14:14

Tgt Ion:152 Resp: 1549
Ion Ratio Lower Upper
152 100
115 66.8 28.2 84.7
150 134.4 0.0 345.6

