

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011031.D
 Acq On : 20 Oct 2022 17:29
 Operator : KP/MD
 Sample : N5193-14
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-07-20-40

Quant Time: Oct 20 22:25:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

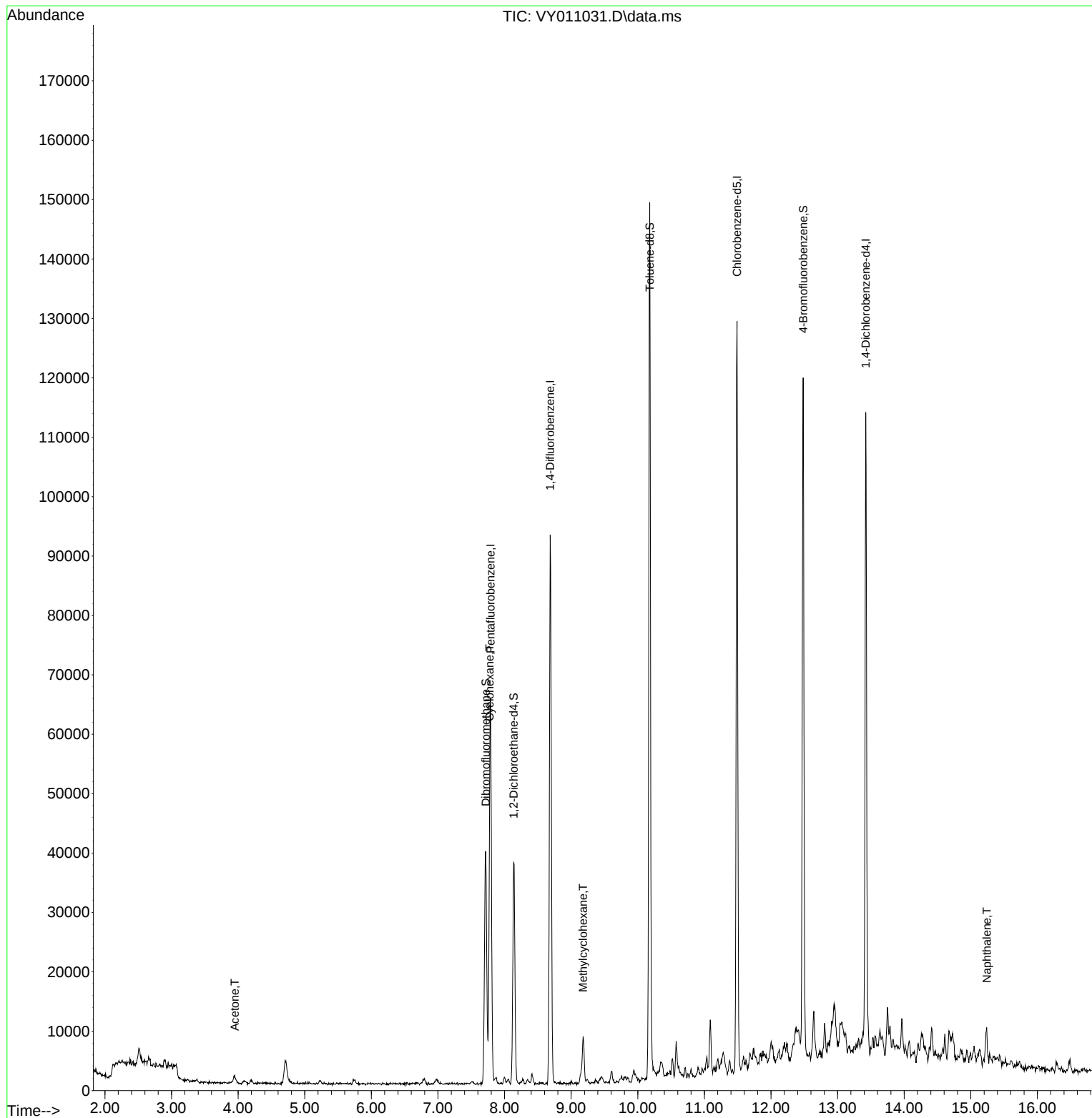
Internal Standards						
1) Pentafluorobenzene	7.789	168	51159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	80699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	71414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	28917	61.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.720%	
35) Dibromofluoromethane	7.716	113	28099	63.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.060%	
50) Toluene-d8	10.179	98	97660	57.959	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.920%	
62) 4-Bromofluorobenzene	12.483	95	31158	52.346	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	2250	16.441	ug/l	94
31) Cyclohexane	7.777	56	1996	2.213	ug/l #	52
39) Methylcyclohexane	9.179	83	3342	3.714	ug/l	89
95) Naphthalene	15.239	128	5236	5.025	ug/l #	94

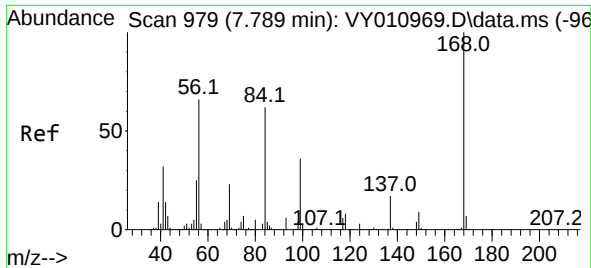
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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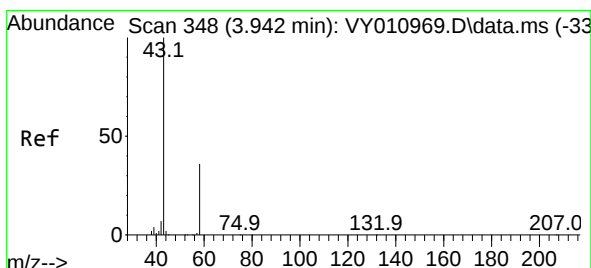
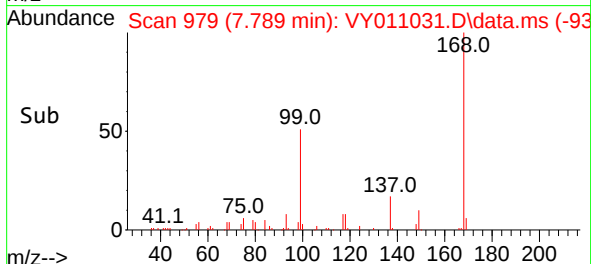
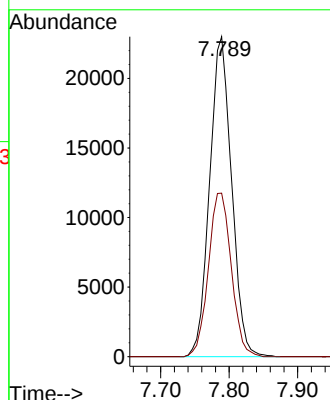
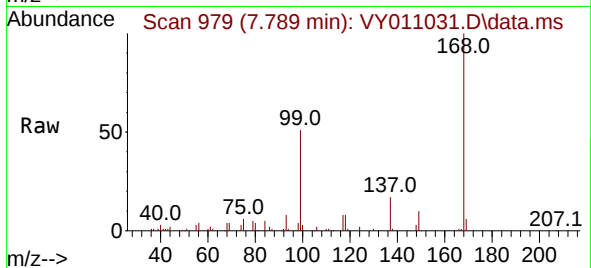




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

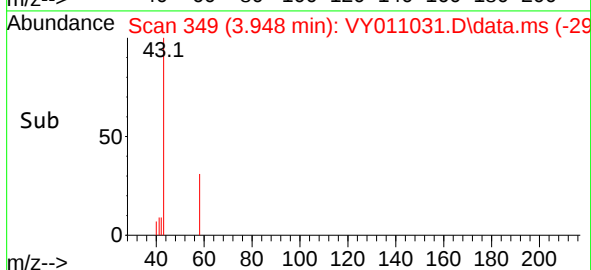
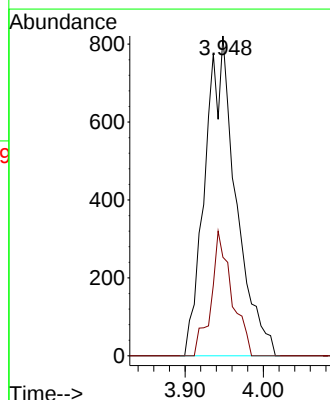
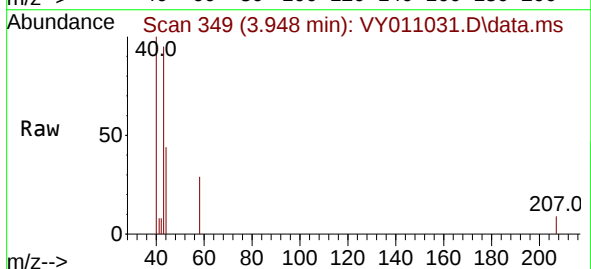
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-20-40

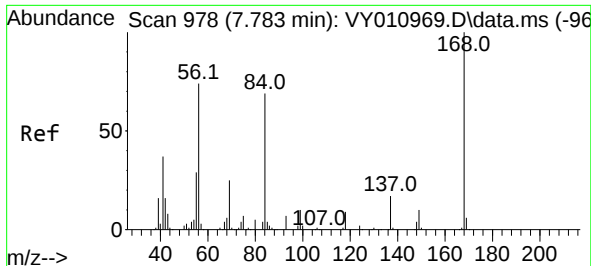
Tgt Ion:168 Resp: 51159
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#16
Acetone
Concen: 16.441 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

Tgt Ion: 43 Resp: 2250
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0

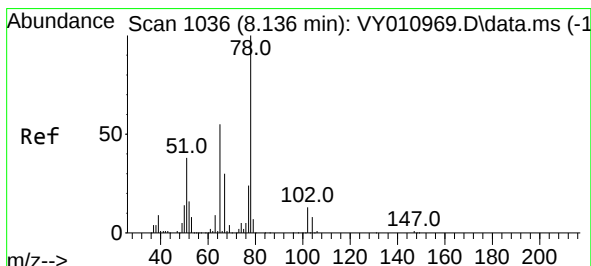
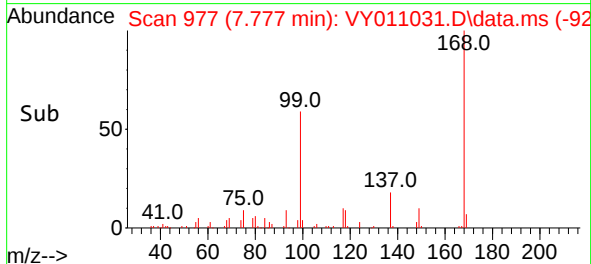
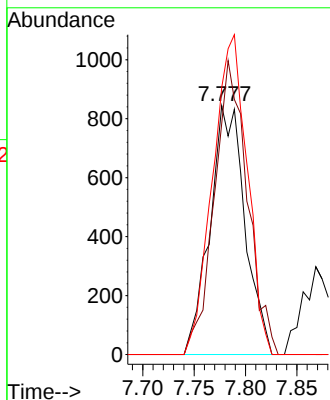
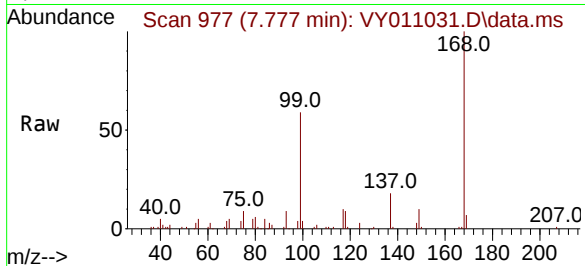




#31
Cyclohexane
Concen: 2.213 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

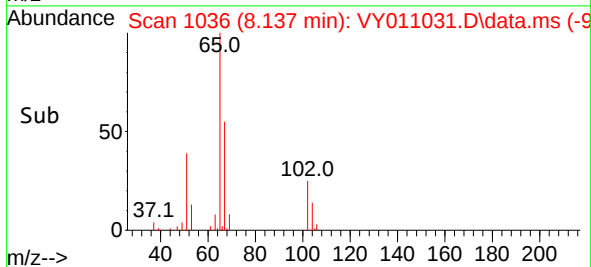
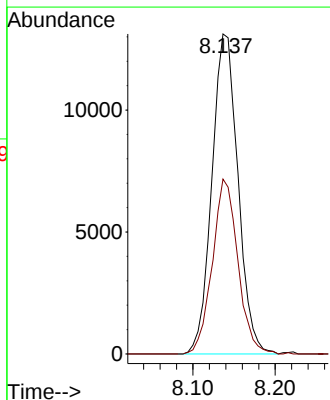
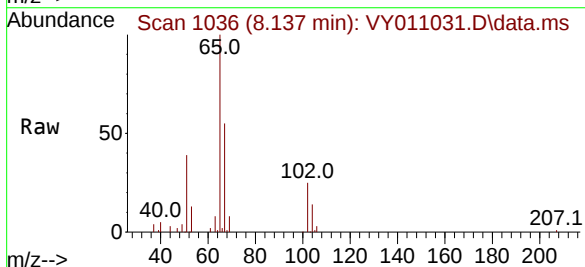
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-20-40

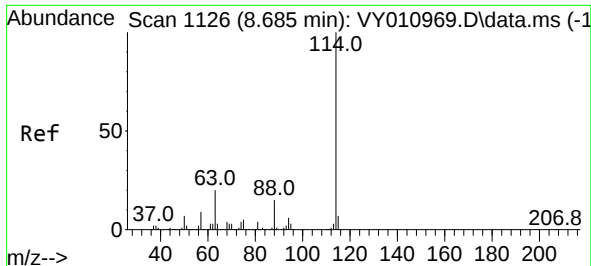
Tgt Ion: 56 Resp: 1996
Ion Ratio Lower Upper
56 100
69 92.9 26.7 40.1#
84 107.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.362 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

Tgt Ion: 65 Resp: 28917
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

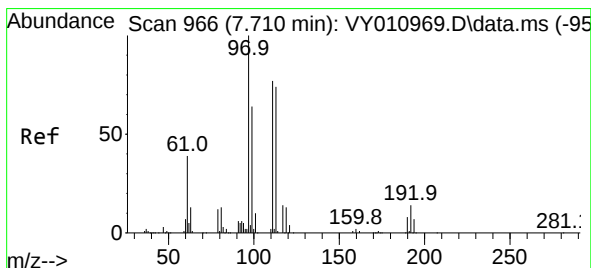
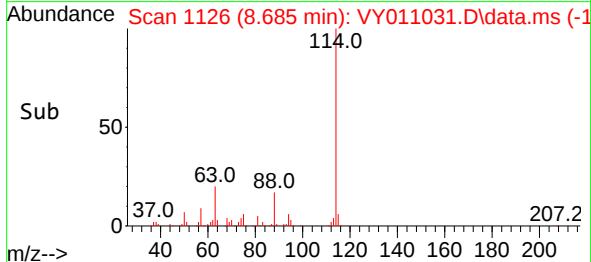
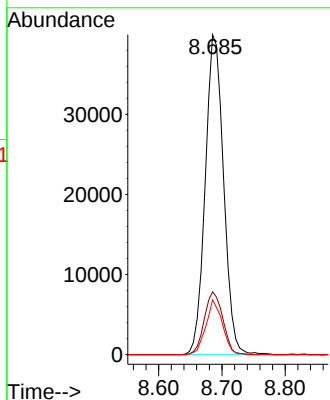
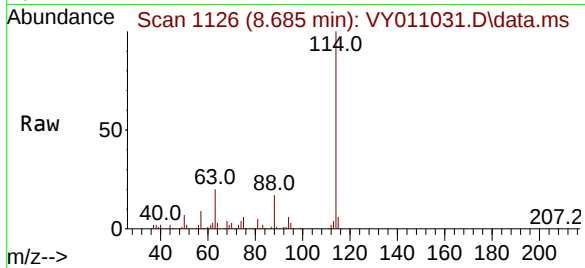




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

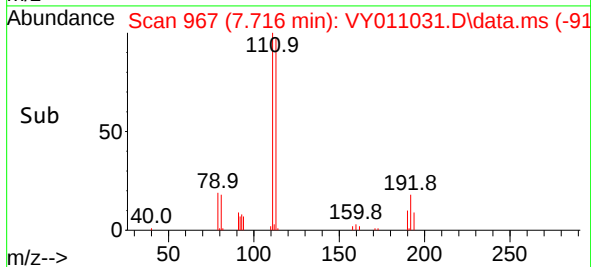
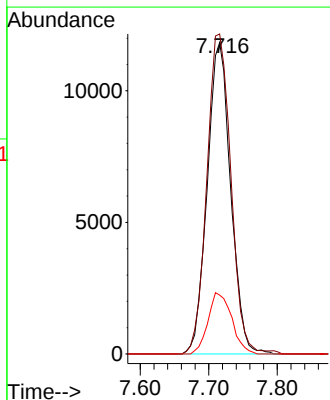
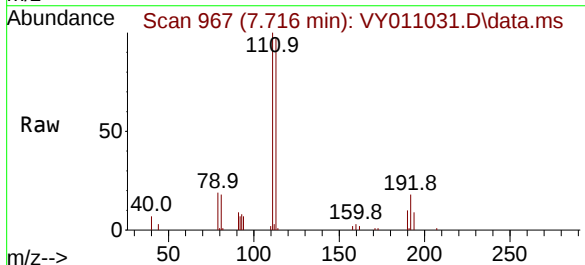
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-20-40

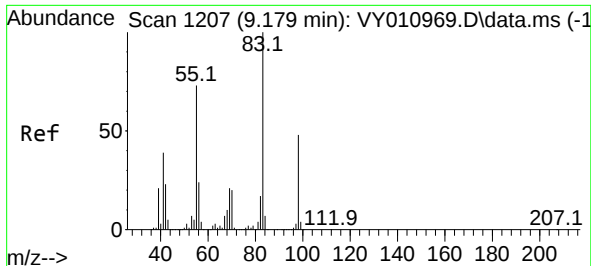
Tgt Ion:	114	Resp:	80699
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	43.2
88	17.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 63.026 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

Tgt Ion:	113	Resp:	28099
Ion Ratio	Lower	Upper	
113	100		
111	105.6	82.6	124.0
192	19.9	17.6	26.4

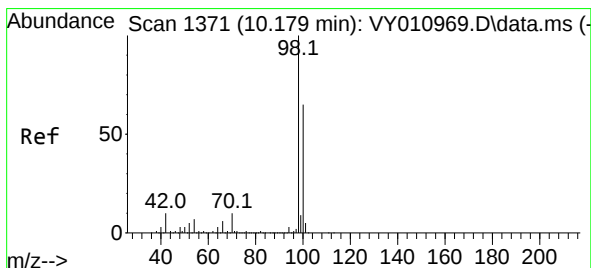
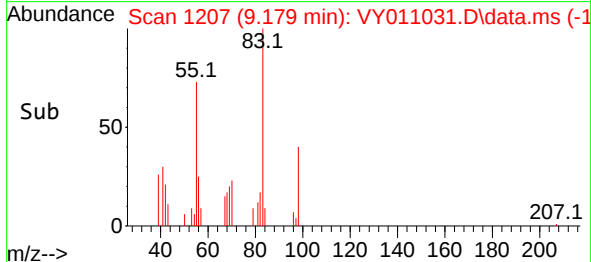
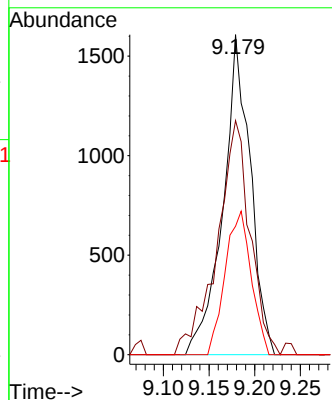
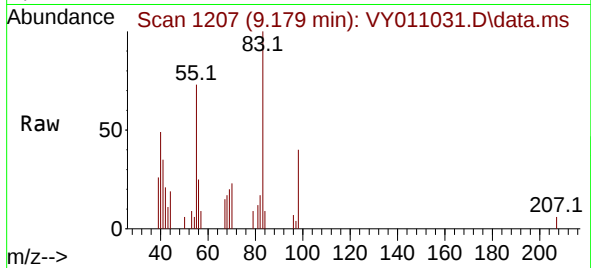




#39
Methylcyclohexane
Concen: 3.714 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

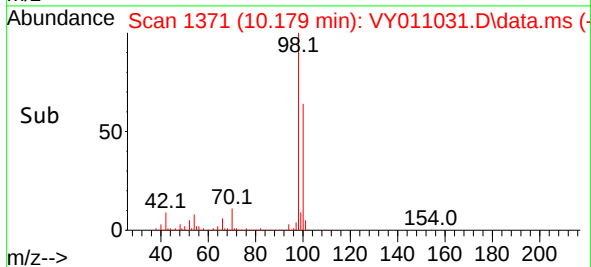
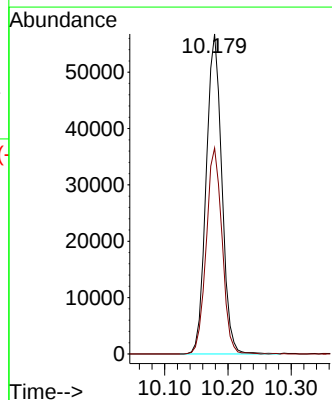
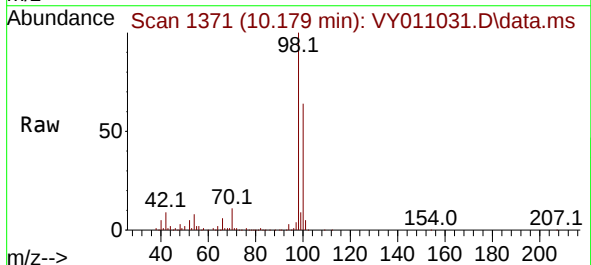
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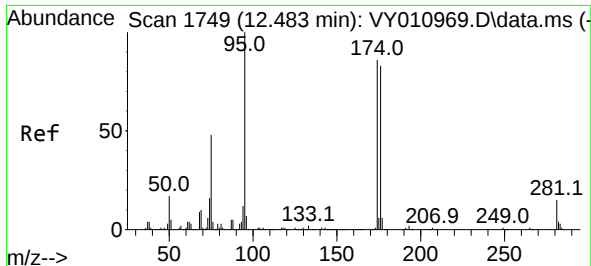
Tgt Ion: 83 Resp: 3342
Ion Ratio Lower Upper
83 100
55 73.1 66.5 99.7
98 40.2 37.9 56.9



#50
Toluene-d8
Concen: 57.959 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

Tgt Ion: 98 Resp: 97660
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

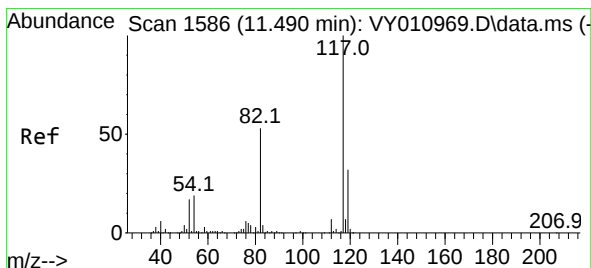
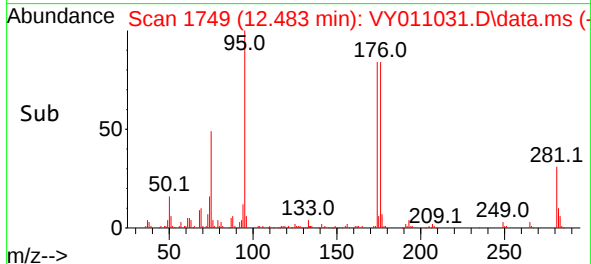
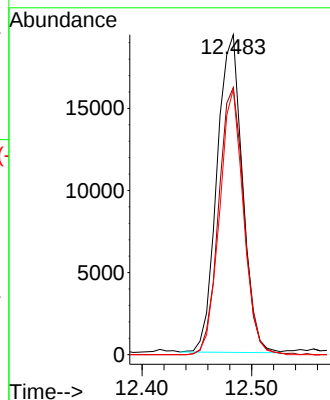
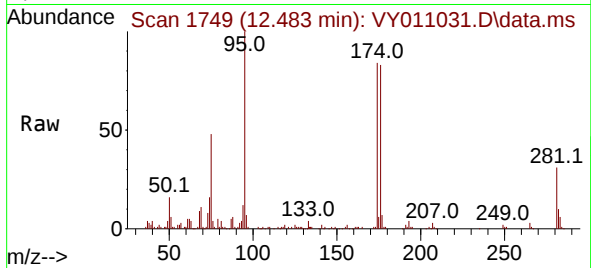




#62
4-Bromofluorobenzene
Concen: 52.346 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

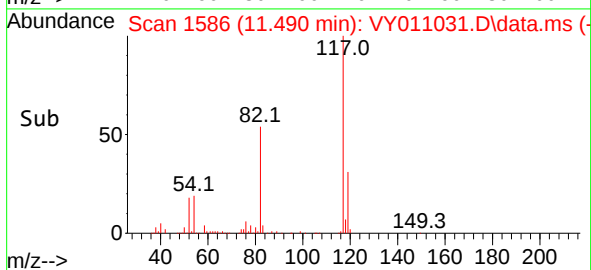
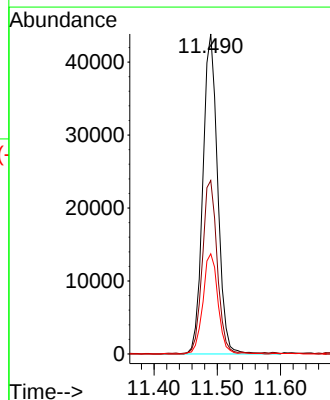
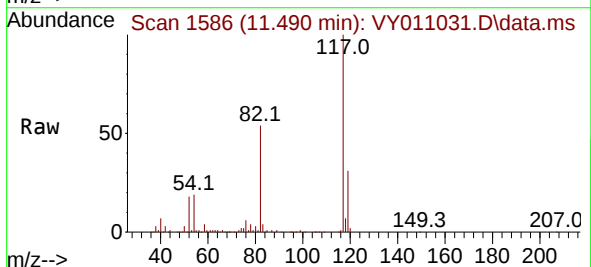
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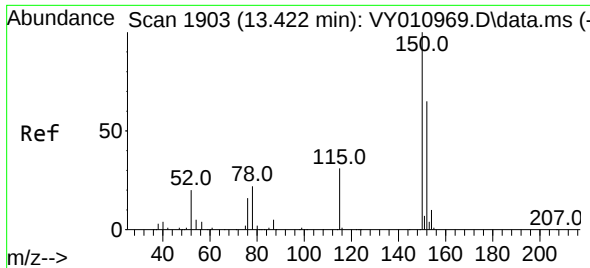
Tgt Ion:	95	Resp:	31158
Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	177.0
176	78.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011031.D
Acq: 20 Oct 2022 17:29

Tgt Ion:	117	Resp:	71414
Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	31.3	25.4	38.0

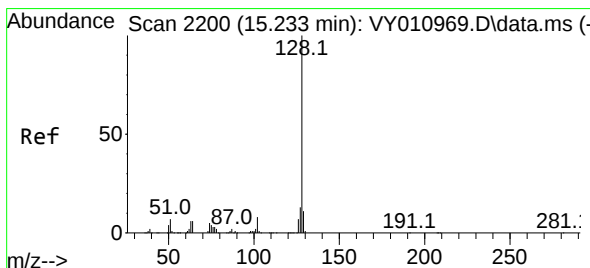
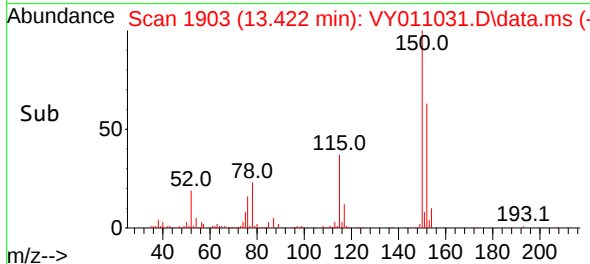
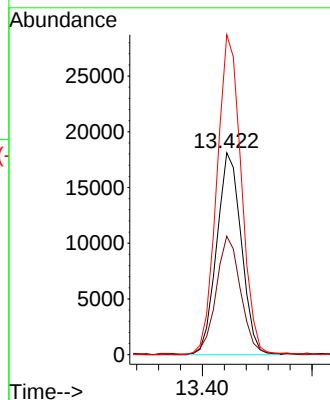
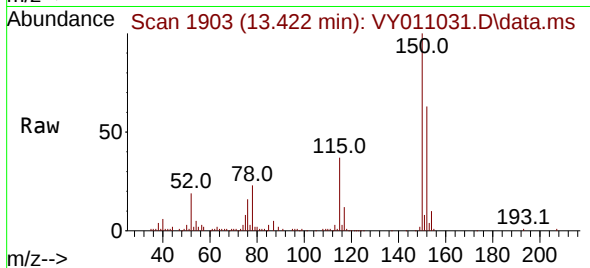




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011031.D
 Acq: 20 Oct 2022 17:29

Instrument :
 MSVOA_Y
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 LSP-SS-07-20-40

Tgt Ion:152 Resp: 28231
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.2 84.7
 150 158.4 0.0 347.6



#95
 Naphthalene
 Concen: 5.025 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. 0.006 min
 Lab File: VY011031.D
 Acq: 20 Oct 2022 17:29

Tgt Ion:128 Resp: 5236
 Ion Ratio Lower Upper
 128 100
 127 15.9 11.0 16.4
 129 12.9 8.4 12.6#

