

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020021.D
 Acq On : 25 Oct 2024 13:02
 Operator : SY/MD
 Sample : P4515-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHVB0783

Quant Time: Oct 26 00:20:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

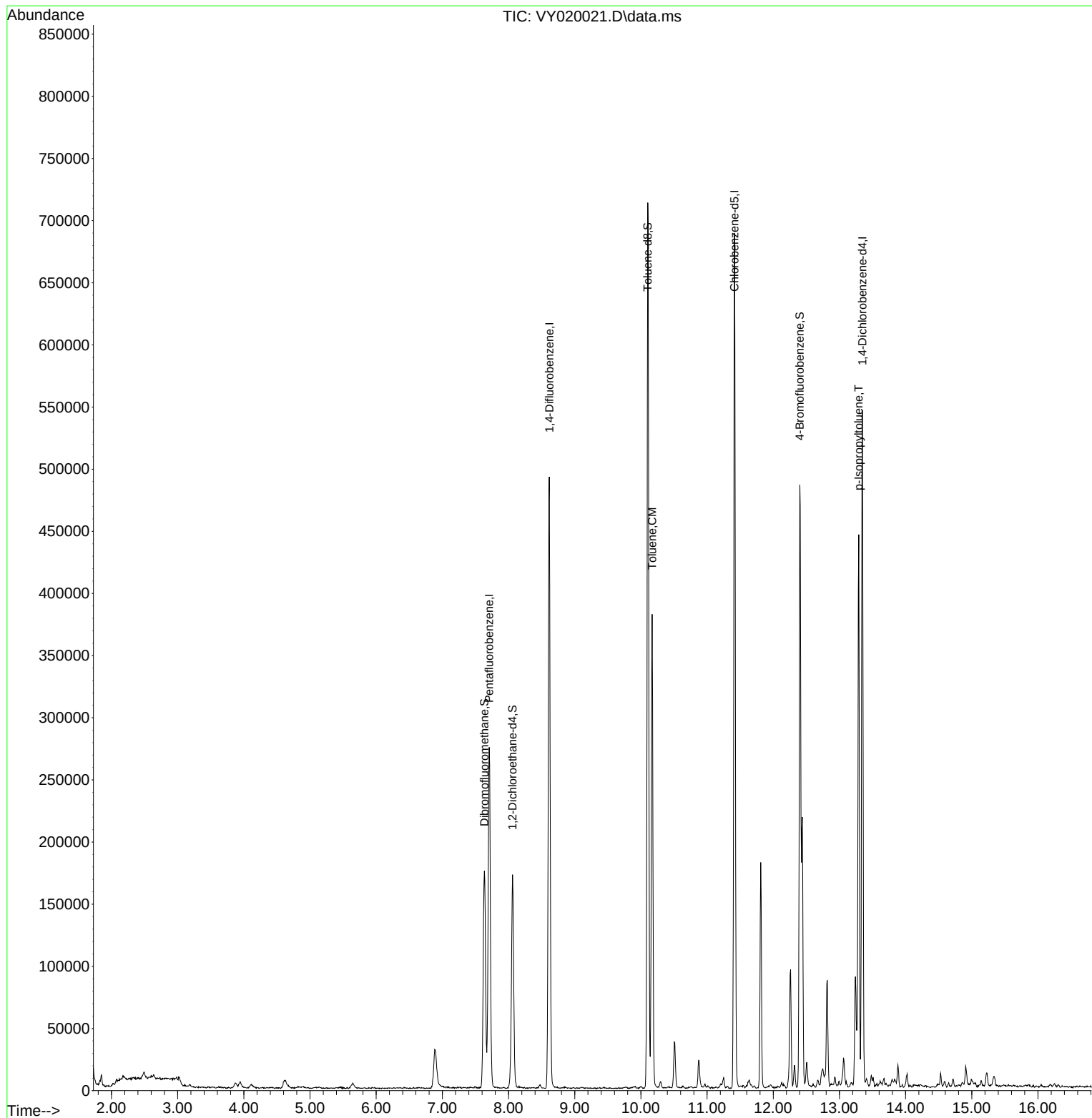
Internal Standards						
1) Pentafluorobenzene	7.707	168	190367	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	387057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	328147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128356	54.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.634	113	125365	49.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.160%	
50) Toluene-d8	10.103	98	443273	46.996	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.000%	
62) 4-Bromofluorobenzene	12.401	95	143071	41.980	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.960%	
Target Compounds						
						Qvalue
52) Toluene	10.170	92	147572	21.229	ug/l	100
86) p-Isopropyltoluene	13.291	119	224505	24.859	ug/l	93

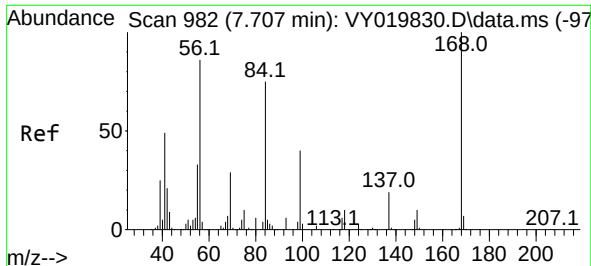
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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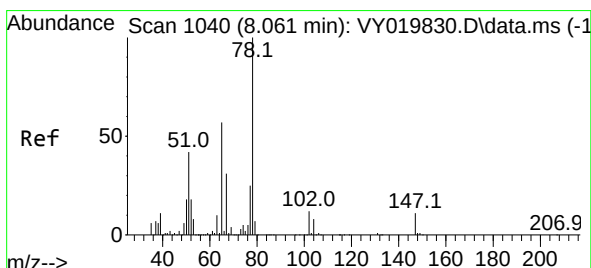
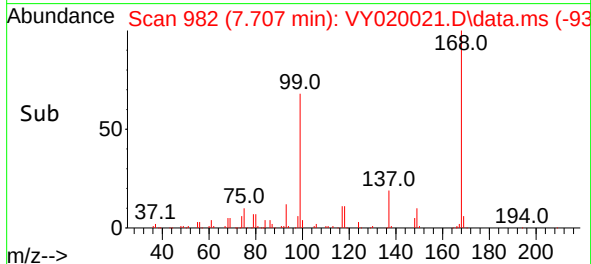
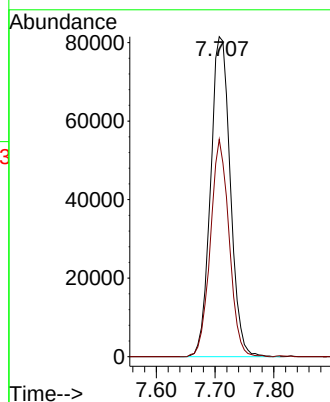
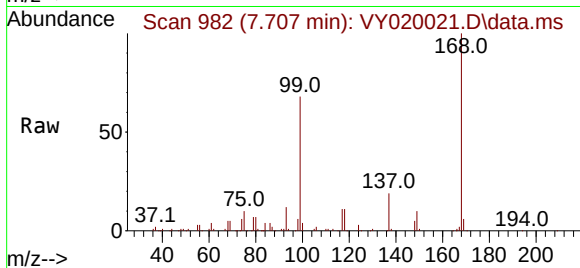




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

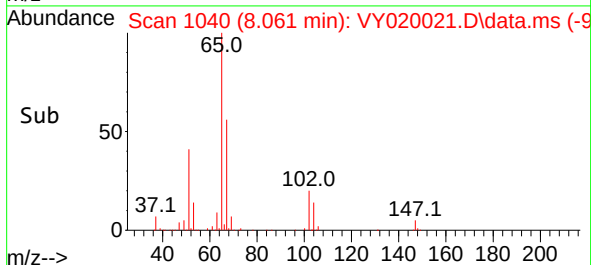
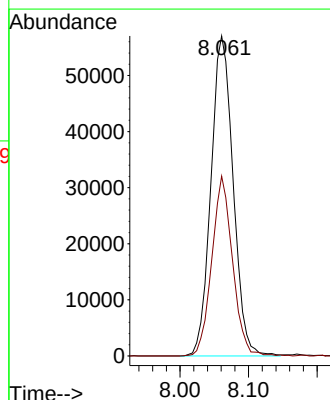
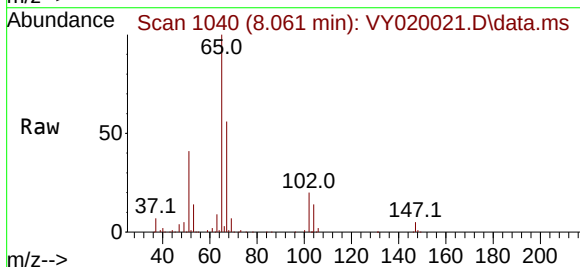
Instrument :
MSVOA_Y
ClientSampleId :
CHVB0783

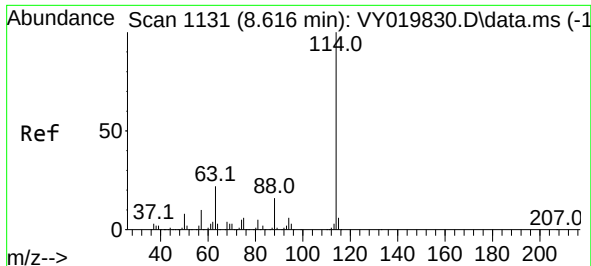
Tgt Ion:168 Resp: 190367
Ion Ratio Lower Upper
168 100
99 67.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.760 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

Tgt Ion: 65 Resp: 128356
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6

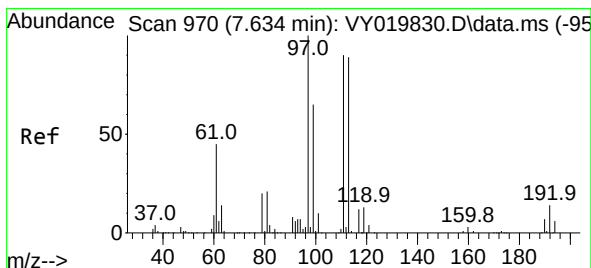
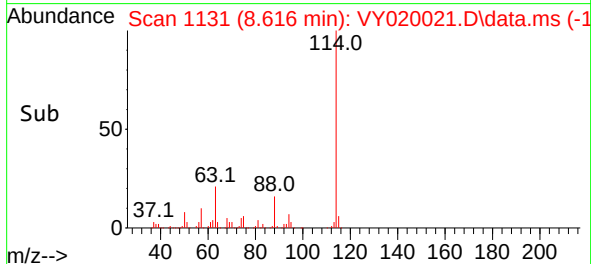
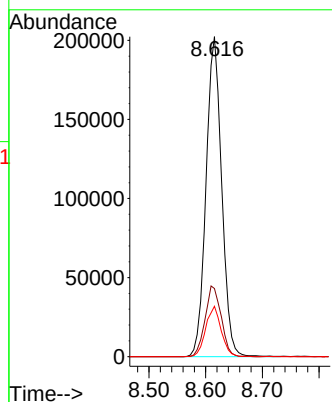
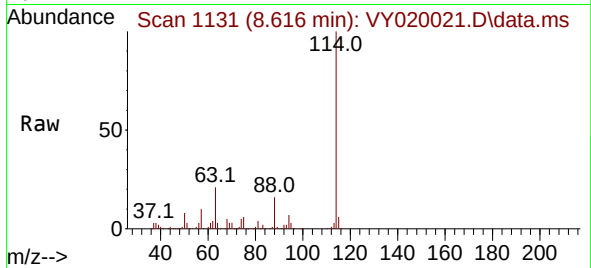




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

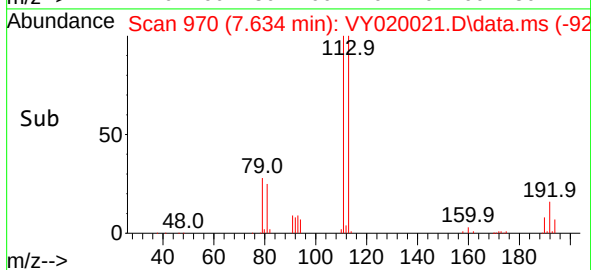
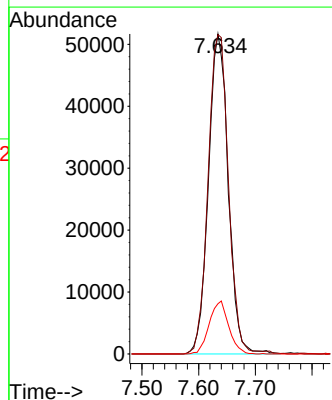
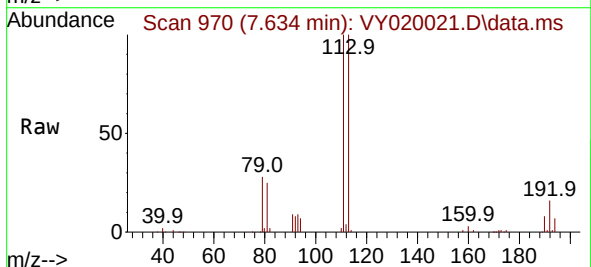
Instrument :
MSVOA_Y
ClientSampleId :
CHVB0783

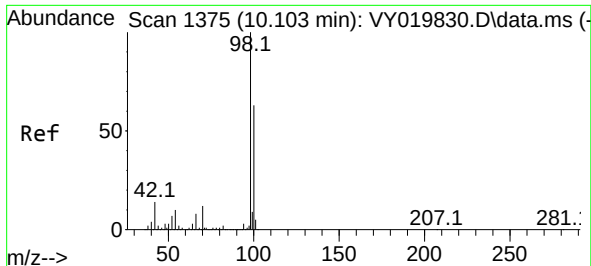
Tgt Ion:114 Resp: 387057
Ion Ratio Lower Upper
114 100
63 21.3 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.083 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

Tgt Ion:113 Resp: 125365
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 16.3 15.9 23.9

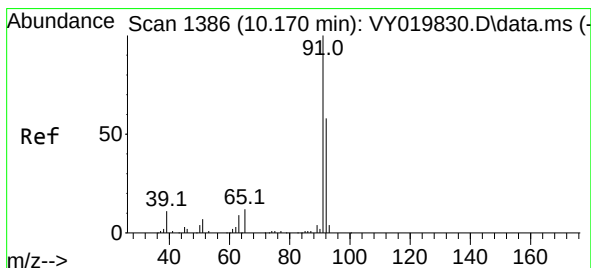
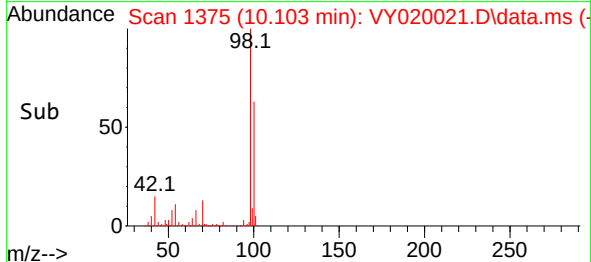
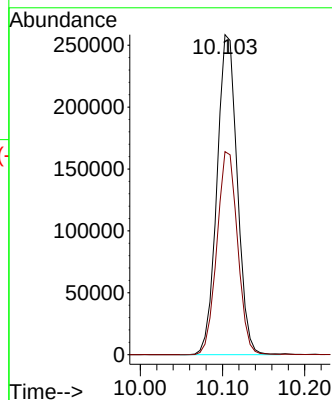
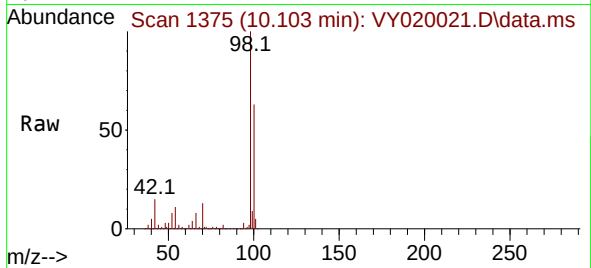




#50
Toluene-d8
Concen: 46.996 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

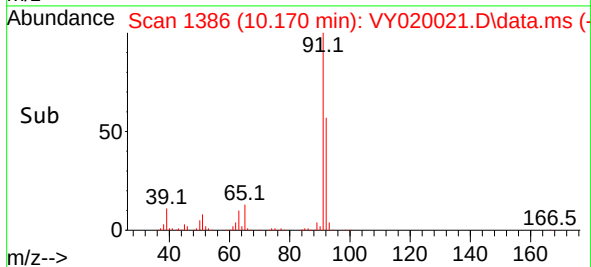
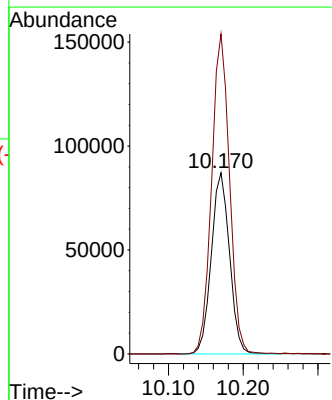
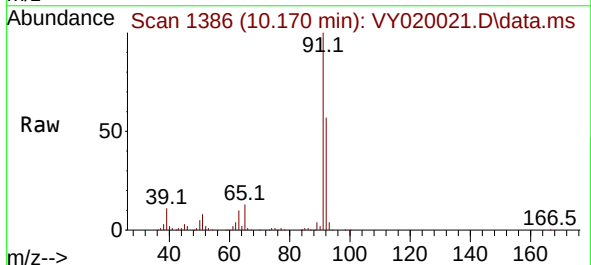
Instrument :
MSVOA_Y
ClientSampleId :
CHVB0783

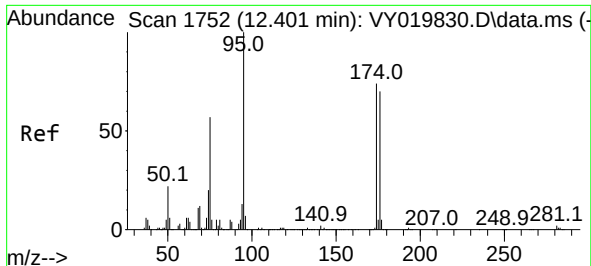
Tgt Ion: 98 Resp: 443273
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#52
Toluene
Concen: 21.229 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

Tgt Ion: 92 Resp: 147572
Ion Ratio Lower Upper
92 100
91 173.6 139.0 208.6

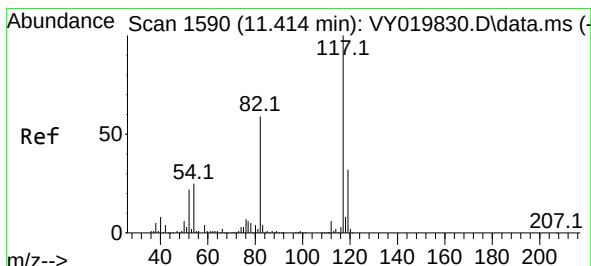
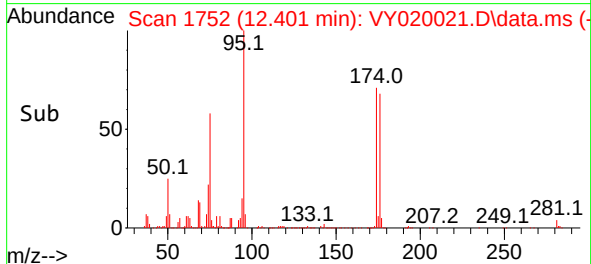
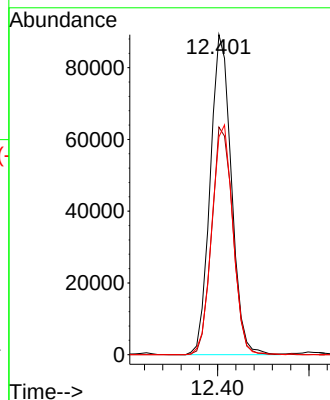
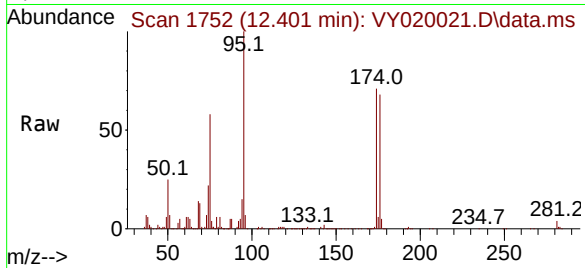




#62
4-Bromofluorobenzene
Concen: 41.980 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

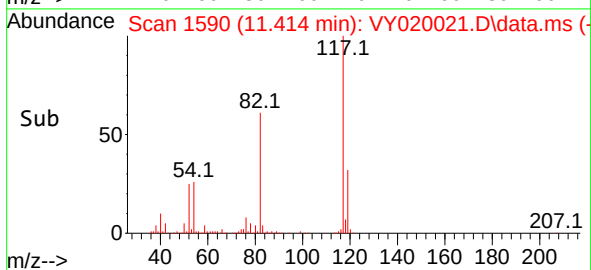
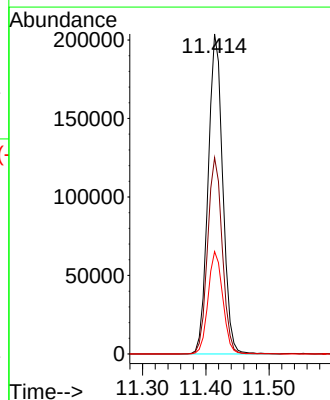
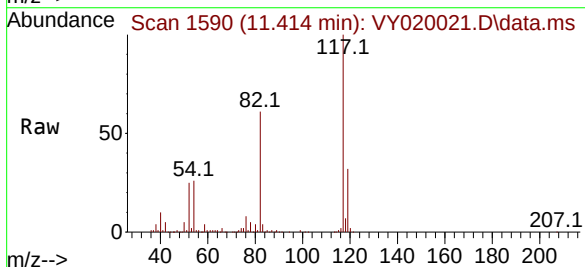
Instrument :
MSVOA_Y
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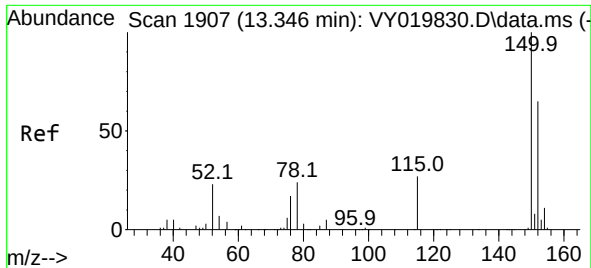
Tgt Ion: 95 Resp: 143071
Ion Ratio Lower Upper
95 100
174 71.2 0.0 175.6
176 71.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

Tgt Ion: 117 Resp: 328147
Ion Ratio Lower Upper
117 100
82 61.4 42.4 63.6
119 32.0 25.9 38.9

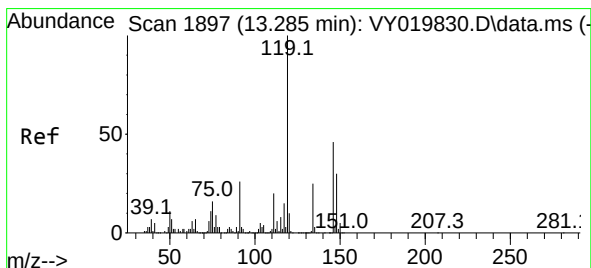
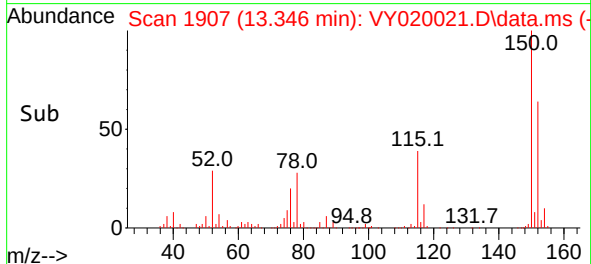
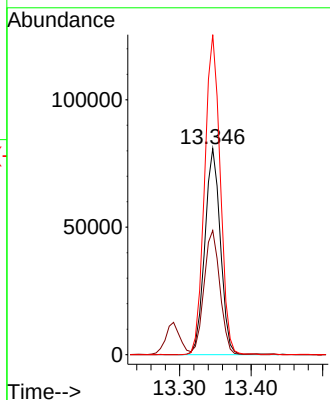
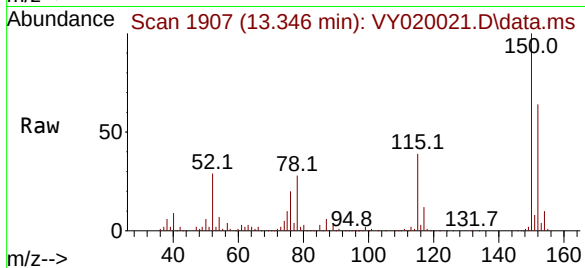




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
CHVB0783

Tgt Ion:152 Resp: 122324
Ion Ratio Lower Upper
152 100
115 60.9 28.2 84.7
150 155.4 0.0 345.6



#86
p-Isopropyltoluene
Concen: 24.859 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020021.D
Acq: 25 Oct 2024 13:02

Tgt Ion:119 Resp: 224505
Ion Ratio Lower Upper
119 100
134 24.8 13.1 39.3
91 27.4 10.7 32.1

