

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020098.D
 Acq On : 31 Oct 2024 16:35
 Operator : SY/MD
 Sample : P4612-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-24-00335

Quant Time: Nov 01 03:49:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

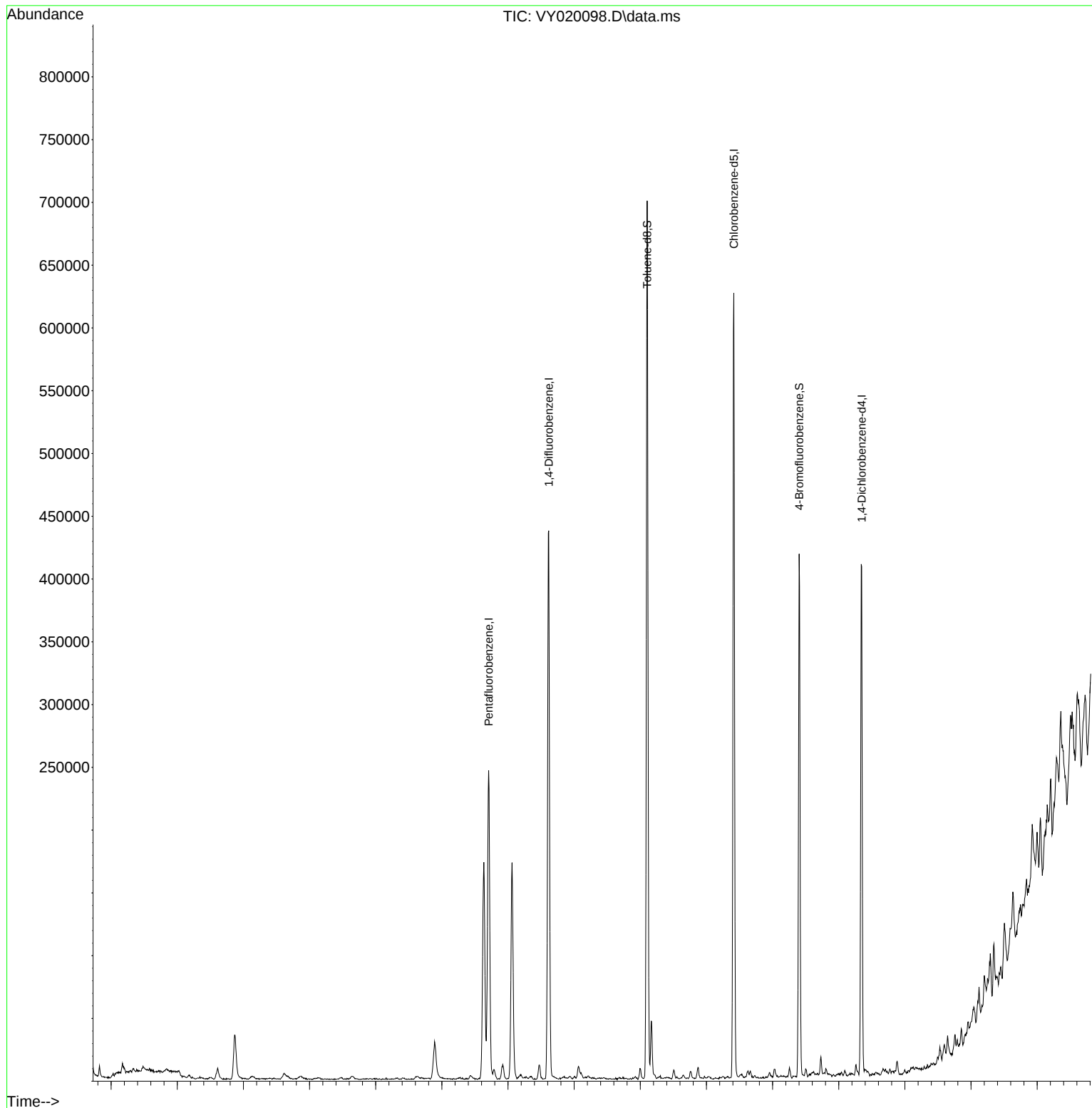
Internal Standards						
1) Pentafluorobenzene	7.707	168	167867	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	346815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	302900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	94133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126809	60.527	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	121.060%		
35) Dibromofluoromethane	7.634	113	119234	54.074	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.140%		
50) Toluene-d8	10.103	98	422039	48.084	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.160%		
62) 4-Bromofluorobenzene	12.402	95	121685	42.683	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	85.360%		
Target Compounds						
16) Acetone	3.873	43	65006	133.421	ug/l	# 82
51) 4-Methyl-2-Pentanone	9.999	43	5906	3.670	ug/l	90
52) Toluene	10.164	92	16704	2.726	ug/l	94
59) 2-Hexanone	10.762	43	3921	3.399	ug/l	88

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

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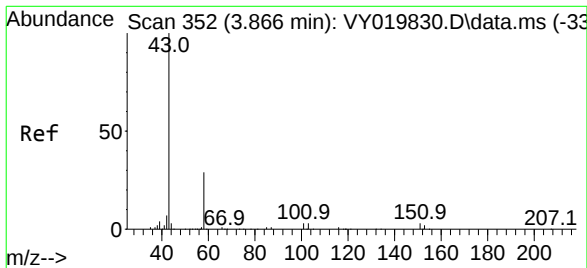
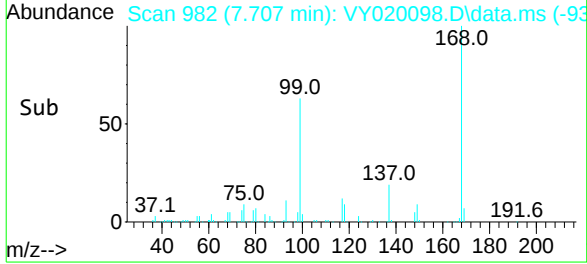
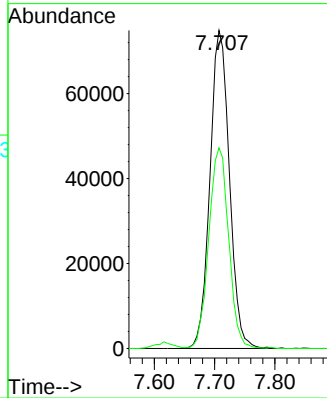
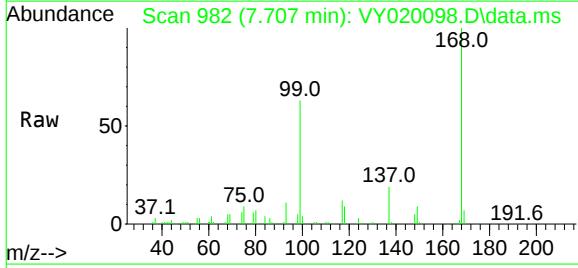




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020098.D
Acq: 31 Oct 2024 16:35

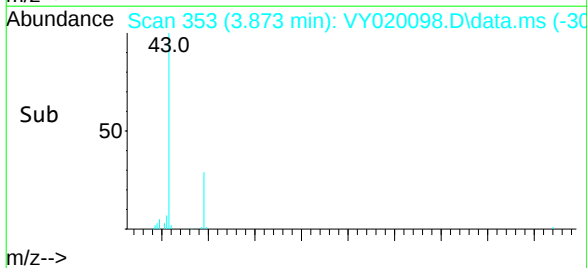
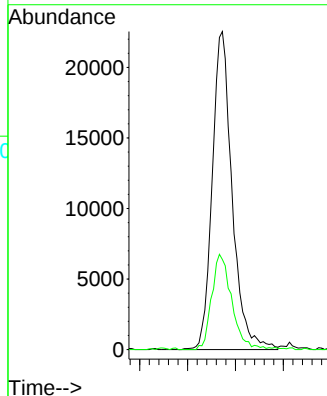
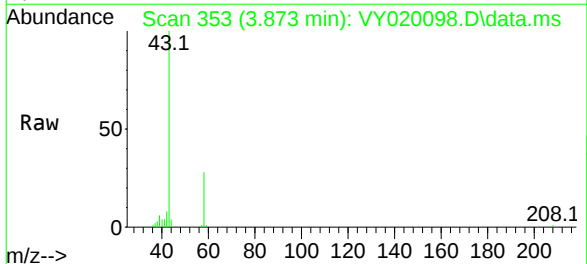
Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00335

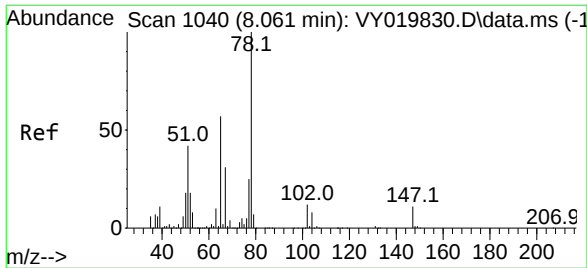
Tgt Ion:168 Resp: 167867
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#16
Acetone
Concen: 133.421 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020098.D
Acq: 31 Oct 2024 16:35

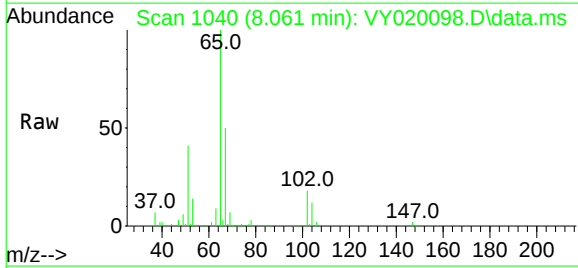
Tgt Ion: 43 Resp: 65006
Ion Ratio Lower Upper
43 100
58 28.3 31.7 47.5#



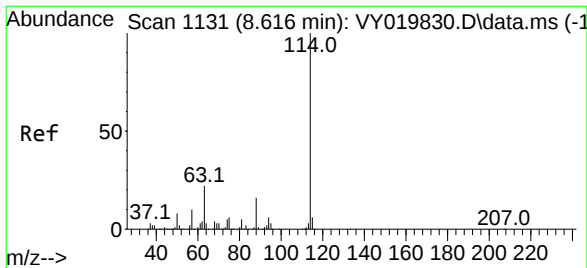
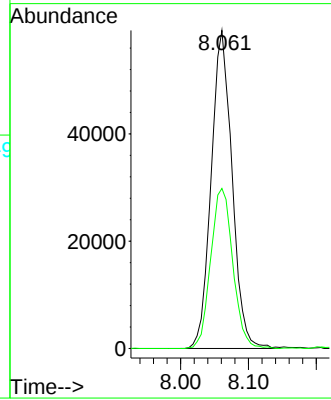
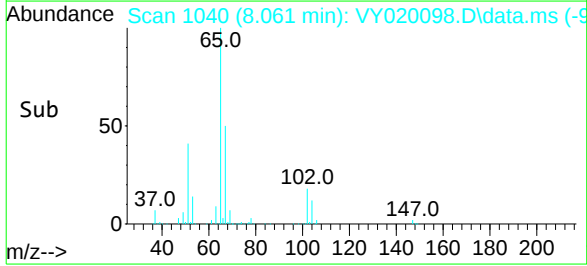


#33
1,2-Dichloroethane-d4
Concen: 60.527 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020098.D
Acq: 31 Oct 2024 16:35

Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00335

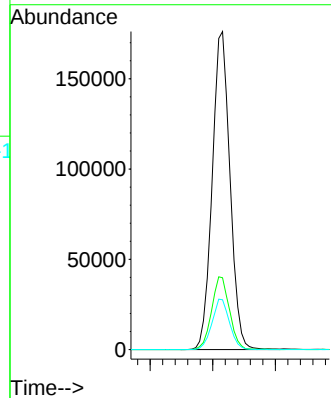
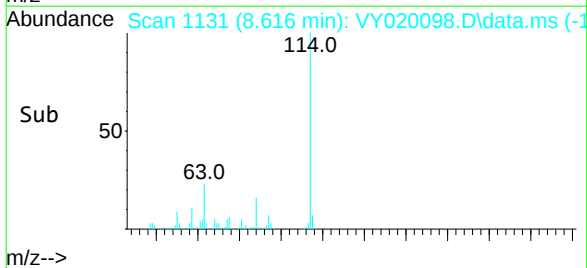
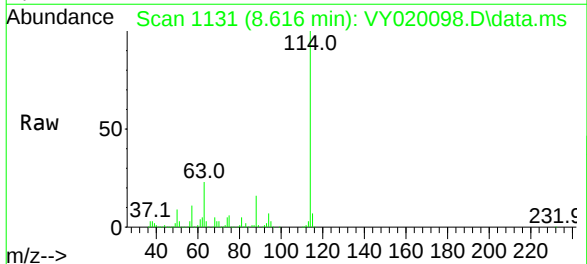


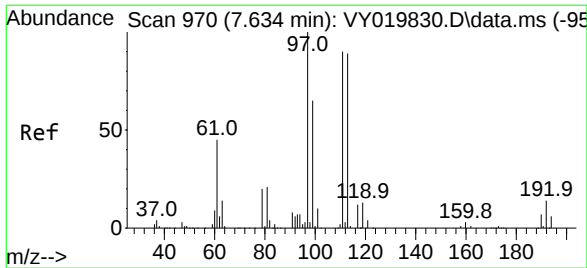
Tgt Ion: 65 Resp: 126809
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020098.D
Acq: 31 Oct 2024 16:35

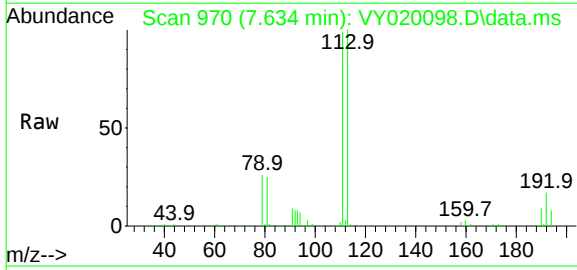
Tgt Ion: 114 Resp: 346815
Ion Ratio Lower Upper
114 100
63 22.6 0.0 35.0
88 15.7 0.0 27.2



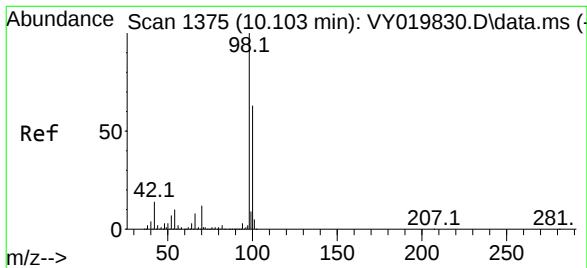
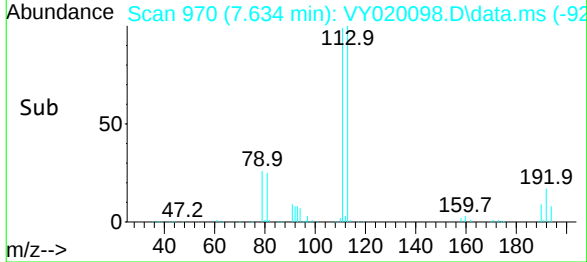
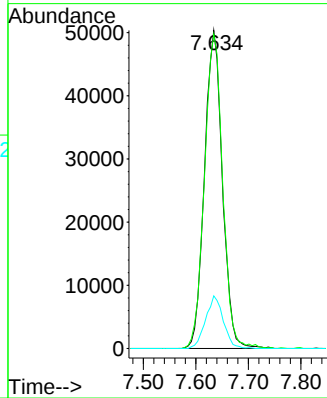


#35
Dibromofluoromethane
Concen: 54.074 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020098.D
Acq: 31 Oct 2024 16:35

Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00335

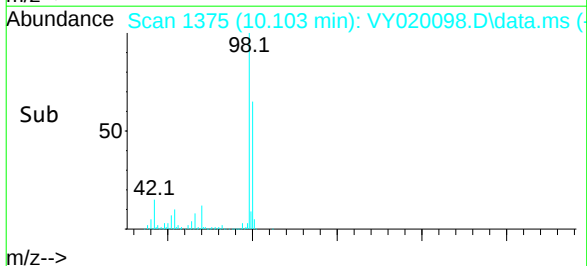
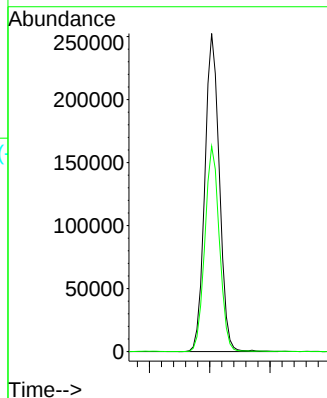
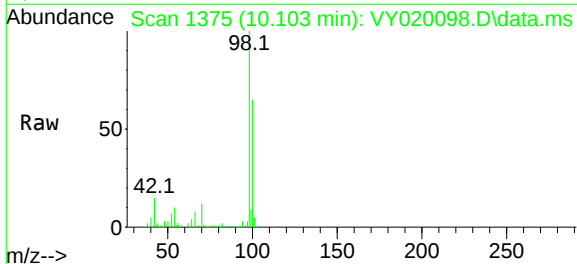


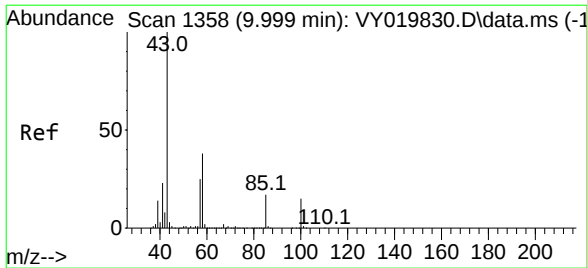
Tgt Ion: 113 Resp: 119234
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 16.4 15.9 23.9



#50
Toluene-d8
Concen: 48.084 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020098.D
Acq: 31 Oct 2024 16:35

Tgt Ion: 98 Resp: 422039
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

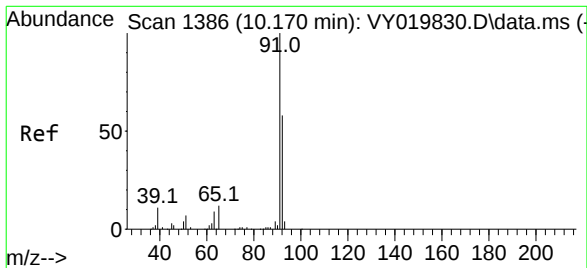
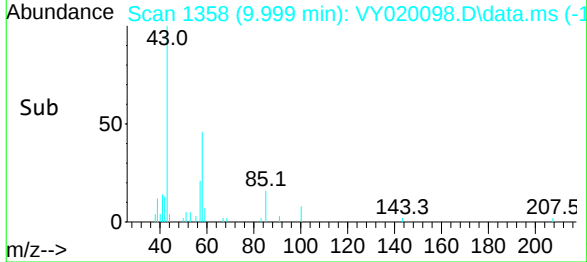
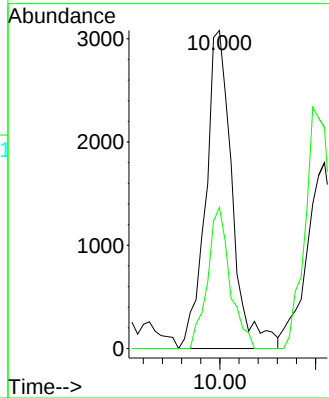
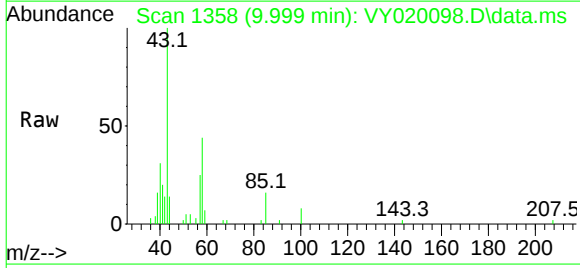




#51
4-Methyl-2-Pentanone
Concen: 3.670 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020098.D
Acq: 31 Oct 2024 16:35

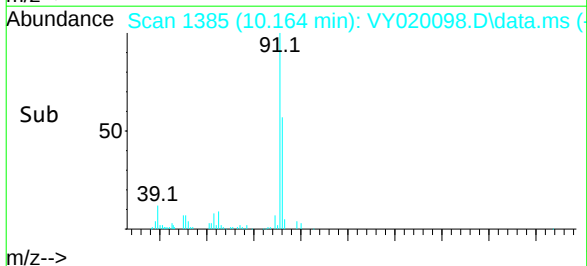
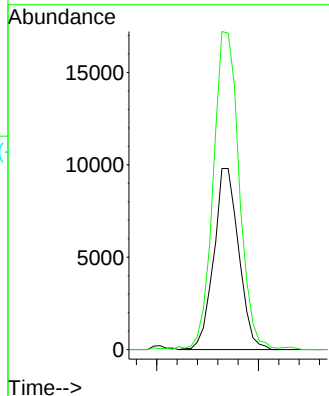
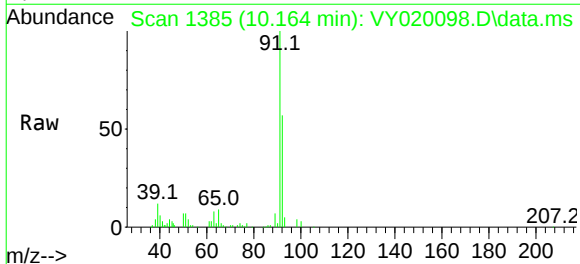
Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00335

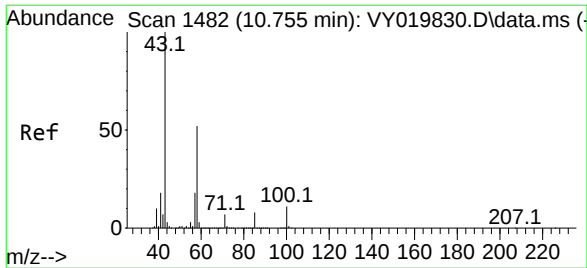
Tgt Ion: 43 Resp: 5906
Ion Ratio Lower Upper
43 100
58 37.8 35.7 53.5



#52
Toluene
Concen: 2.726 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VY020098.D
Acq: 31 Oct 2024 16:35

Tgt Ion: 92 Resp: 16704
Ion Ratio Lower Upper
92 100
91 182.6 139.0 208.6





#59

2-Hexanone

Concen: 3.399 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY020098.D

Acq: 31 Oct 2024 16:35

Instrument :

MSVOA_Y

ClientSampleId :

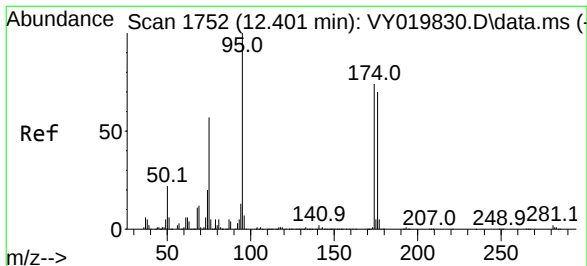
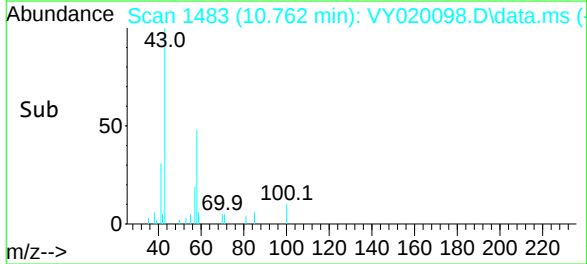
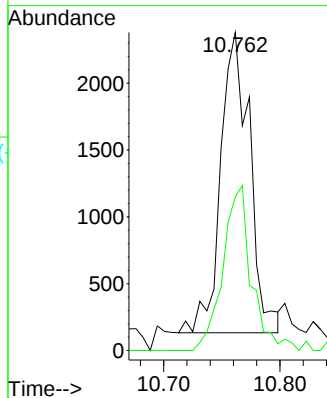
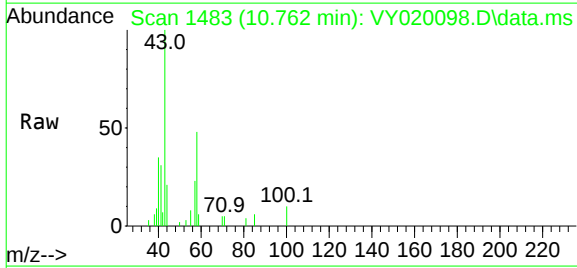
MOO-24-00335

Tgt Ion: 43 Resp: 3921

Ion Ratio Lower Upper

43 100

58 53.5 31.4 94.0



#62

4-Bromofluorobenzene

Concen: 42.683 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020098.D

Acq: 31 Oct 2024 16:35

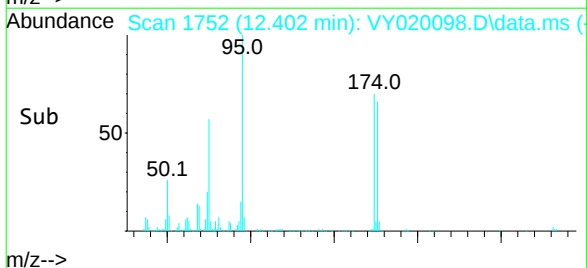
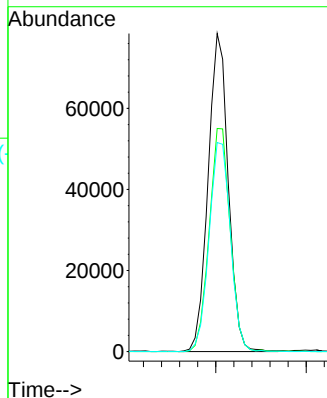
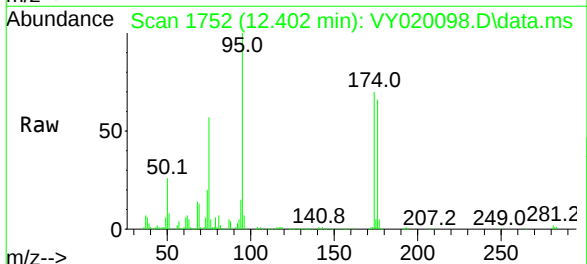
Tgt Ion: 95 Resp: 121685

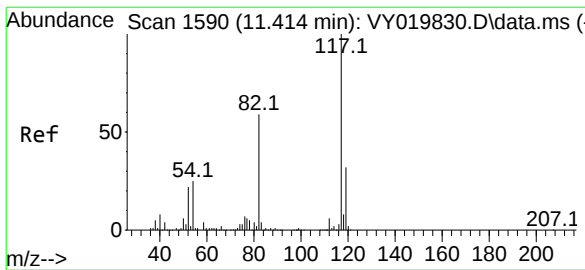
Ion Ratio Lower Upper

95 100

174 72.9 0.0 175.6

176 69.5 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: VY020098.D

Acq: 31 Oct 2024 16:35

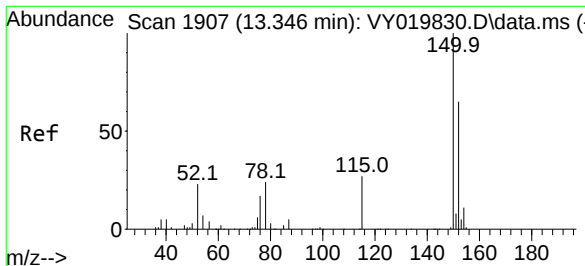
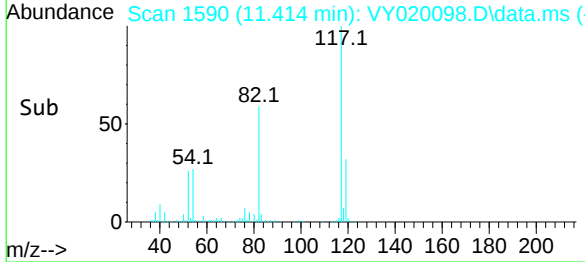
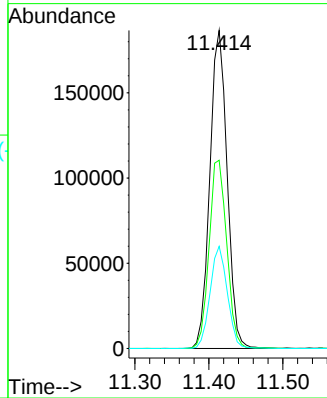
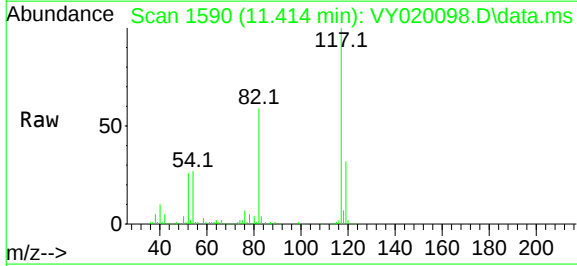
Instrument :

MSVOA_Y

ClientSampleId :

MOO-24-00335

Tgt Ion:	117	Resp:	302900
Ion	Ratio	Lower	Upper
117	100		
82	59.2	42.4	63.6
119	32.1	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: VY020098.D

Acq: 31 Oct 2024 16:35

Tgt Ion:	152	Resp:	94133
Ion	Ratio	Lower	Upper
152	100		
115	63.6	28.2	84.7
150	157.5	0.0	345.6

