

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020202.D
 Acq On : 07 Nov 2024 13:23
 Operator : SY/MD
 Sample : P4667-11
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-10-VOC

Quant Time: Nov 07 14:55:25 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)

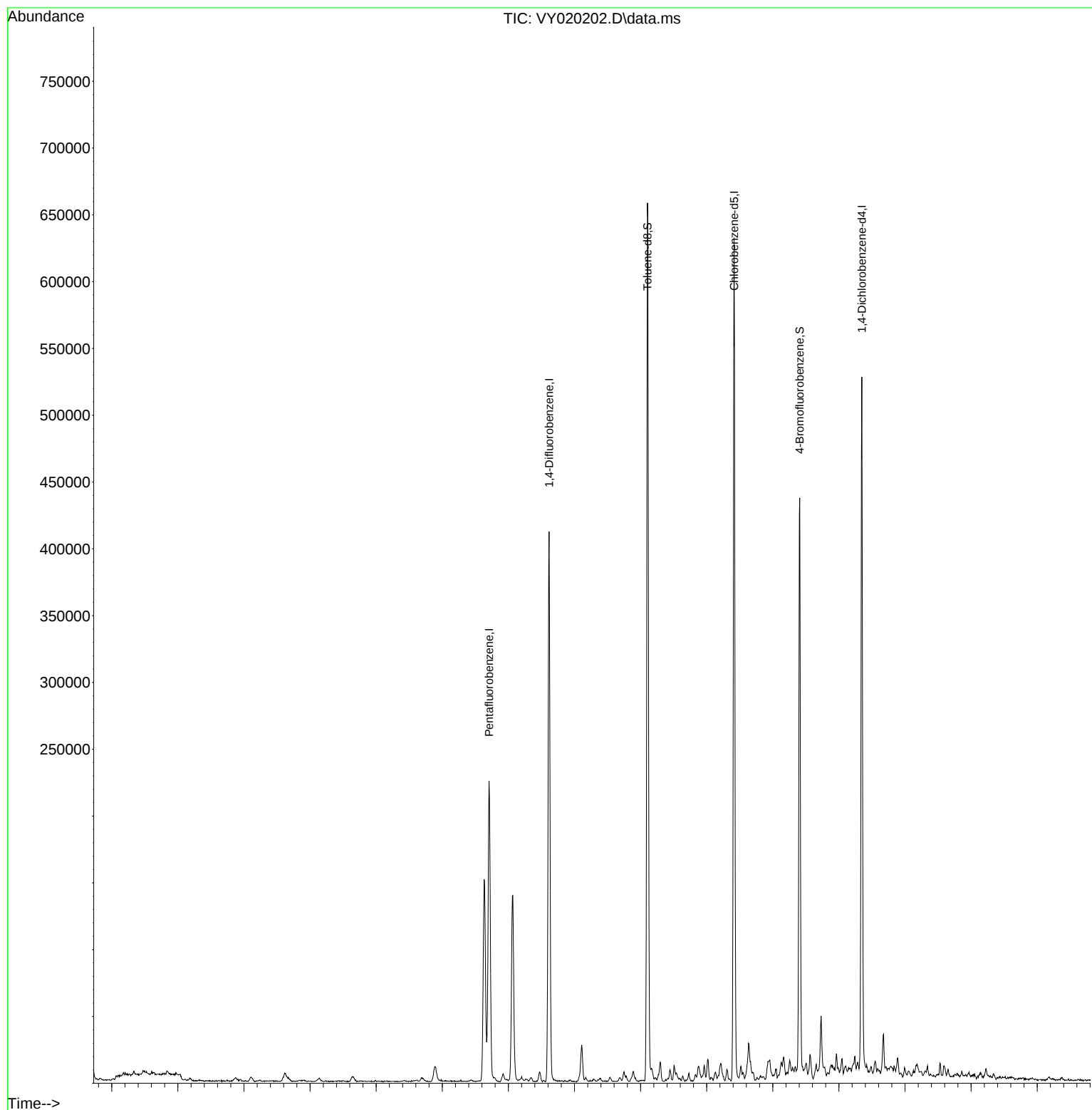
Internal Standards						
1) Pentafluorobenzene	7.707	168	151999	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	318327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	302380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108139	57.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.000%
35) Dibromofluoromethane	7.634	113	108291	53.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.020%
50) Toluene-d8	10.103	98	403127	50.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.407	95	124049	47.406	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.820%
Target Compounds						
						Qvalue
16) Acetone	3.872	43	4296	9.738	ug/l	# 77
17) Carbon Disulfide	4.104	76	6156	1.128	ug/l	# 90
20) Methylene Chloride	4.628	84	3273	1.652	ug/l	# 89
39) Methylcyclohexane	9.109	83	9583	2.415	ug/l	# 81

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

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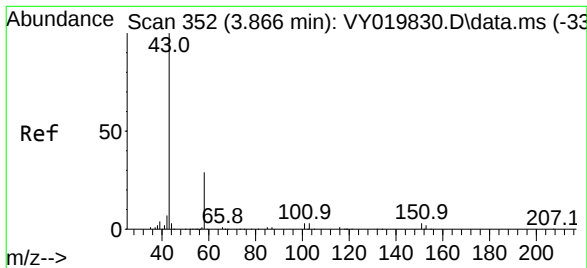
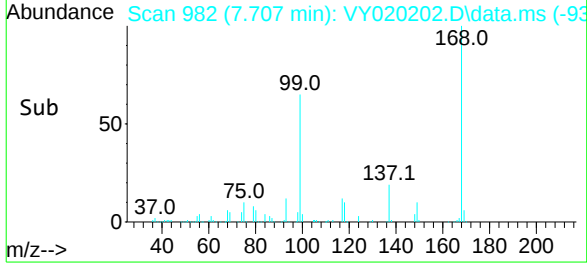
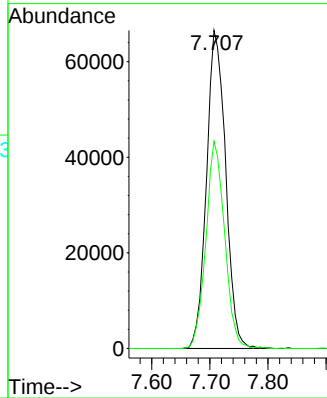
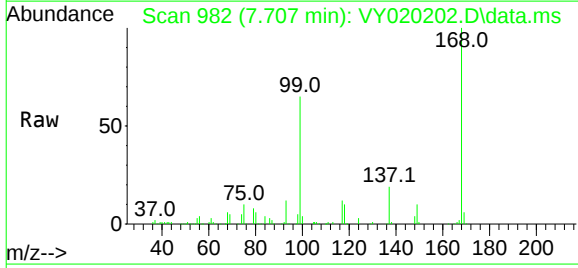




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020202.D
Acq: 07 Nov 2024 13:23

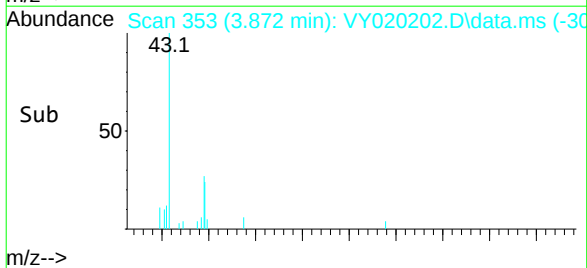
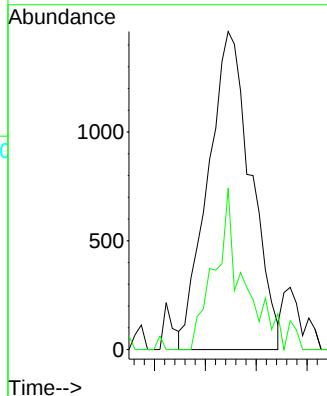
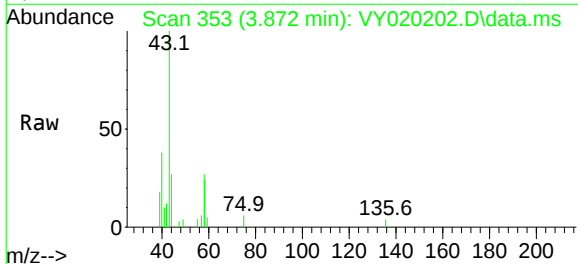
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-10-VOC

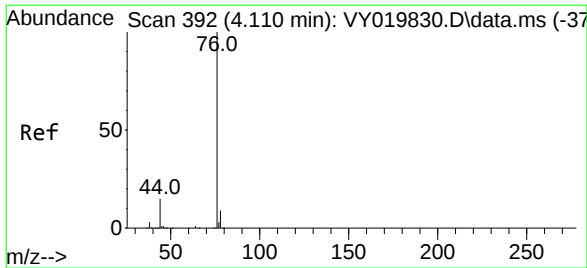
Tgt Ion: 168 Resp: 151999
Ion Ratio Lower Upper
168 100
99 65.1 39.1 58.7#



#16
Acetone
Concen: 9.738 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020202.D
Acq: 07 Nov 2024 13:23

Tgt Ion: 43 Resp: 4296
Ion Ratio Lower Upper
43 100
58 53.7 31.7 47.5#





#17

Carbon Disulfide

Concen: 1.128 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY020202.D

Acq: 07 Nov 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

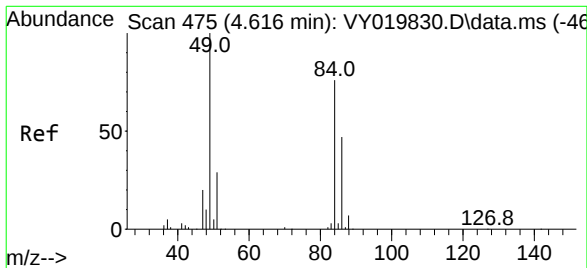
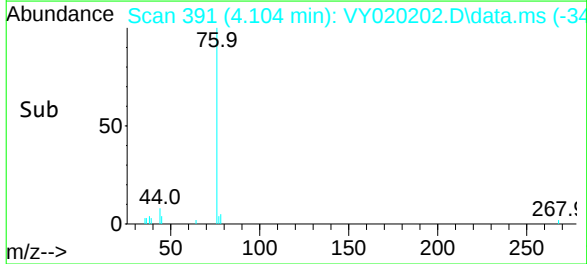
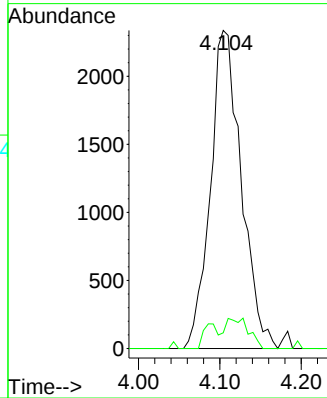
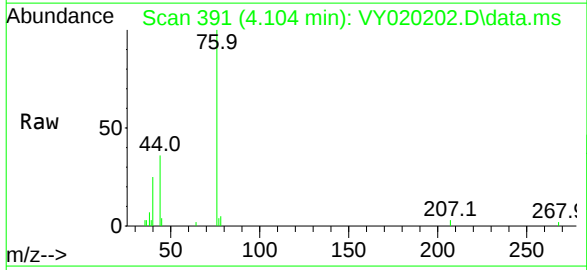
BP-F-10-VOC

Tgt Ion: 76 Resp: 6156

Ion Ratio Lower Upper

76 100

78 4.9 6.8 10.2#



#20

Methylene Chloride

Concen: 1.652 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY020202.D

Acq: 07 Nov 2024 13:23

Tgt Ion: 84 Resp: 3273

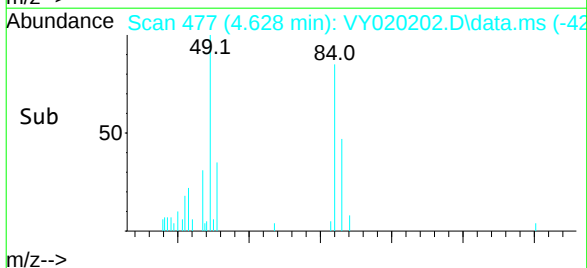
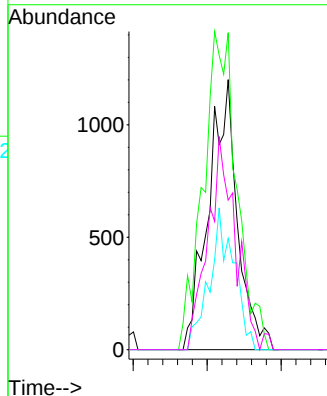
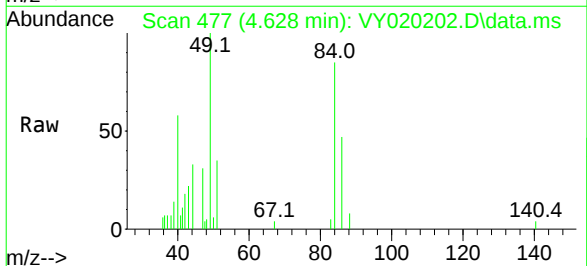
Ion Ratio Lower Upper

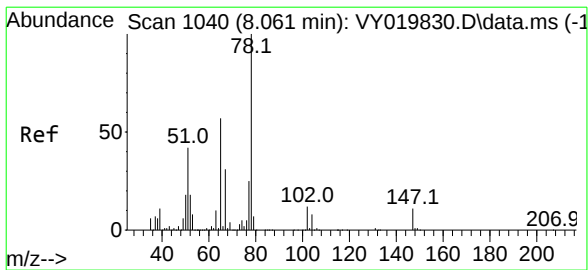
84 100

49 117.4 84.4 126.6

51 41.2 26.0 39.0#

86 55.4 49.5 74.3

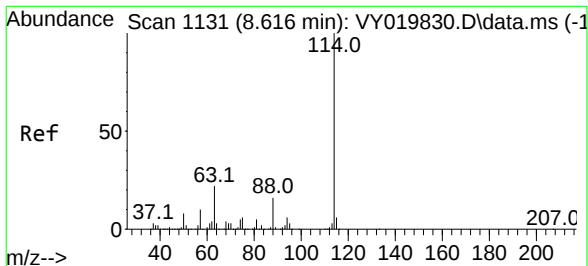
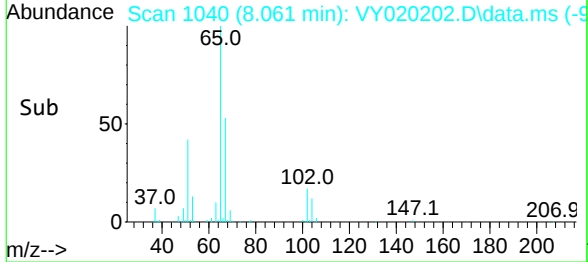
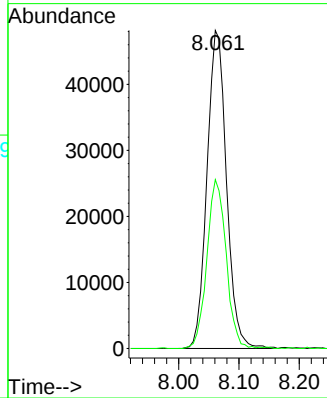
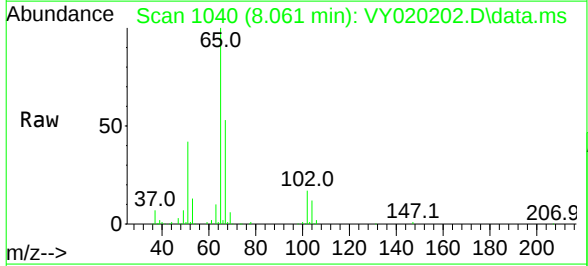




#33
1,2-Dichloroethane-d4
Concen: 57.004 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020202.D
Acq: 07 Nov 2024 13:23

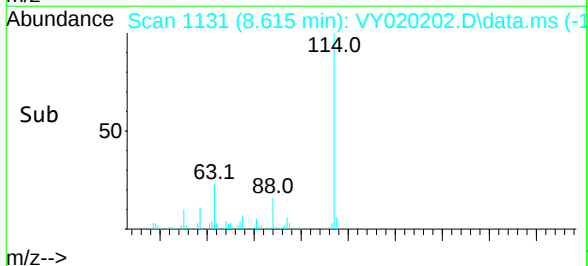
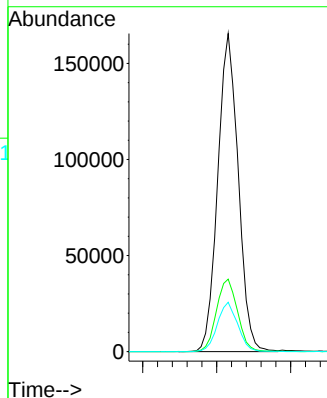
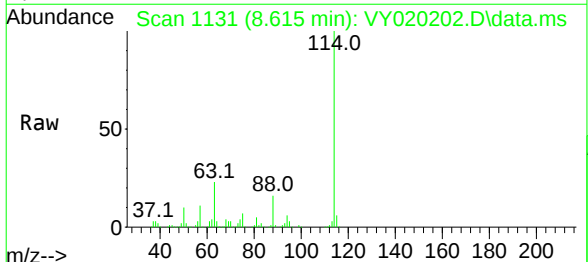
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-10-VOC

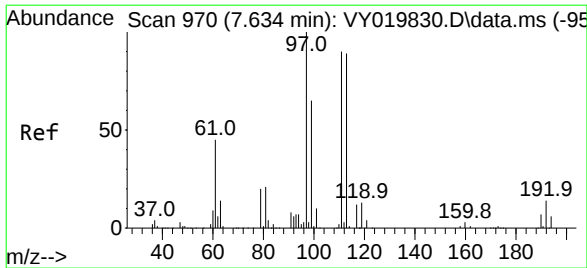
Tgt Ion: 65 Resp: 108139
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020202.D
Acq: 07 Nov 2024 13:23

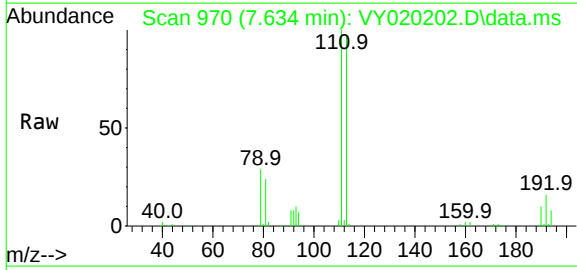
Tgt Ion: 114 Resp: 318327
Ion Ratio Lower Upper
114 100
63 22.7 0.0 35.0
88 15.5 0.0 27.2



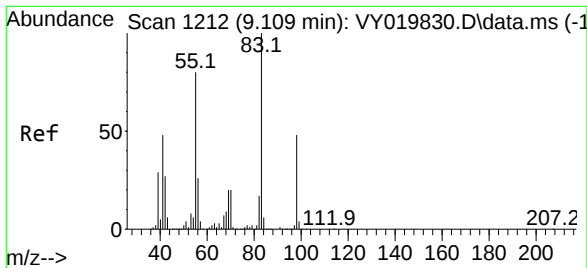
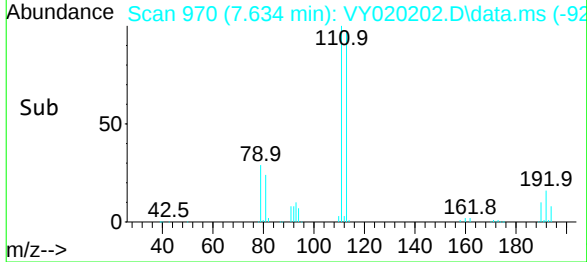
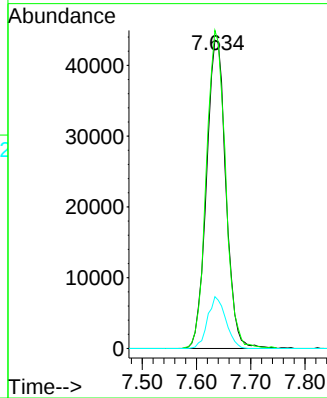


#35
Dibromofluoromethane
Concen: 53.506 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020202.D
Acq: 07 Nov 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :
BP-F-10-VOC

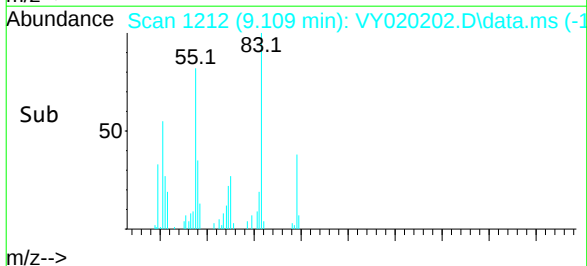
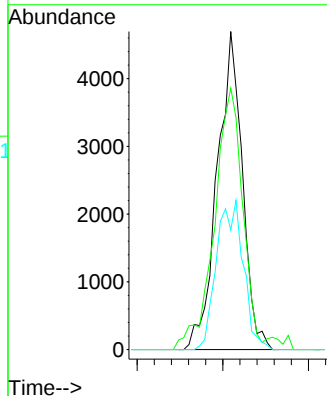
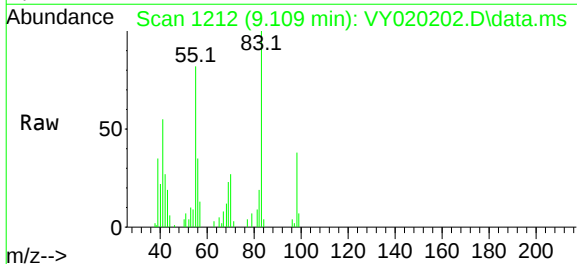


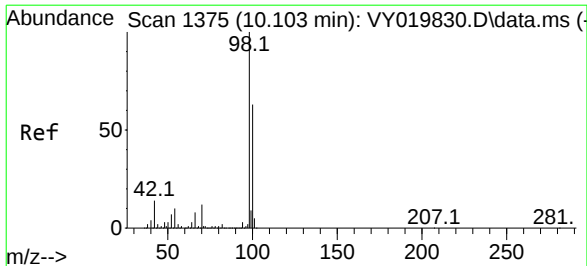
Tgt Ion: 113 Resp: 108291
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 15.7 15.9 23.9#



#39
Methylcyclohexane
Concen: 2.415 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY020202.D
Acq: 07 Nov 2024 13:23

Tgt Ion: 83 Resp: 9583
Ion Ratio Lower Upper
83 100
55 79.2 51.5 77.3#
98 37.6 40.5 60.7#





#50

Toluene-d8

Concen: 50.040 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020202.D

Acq: 07 Nov 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

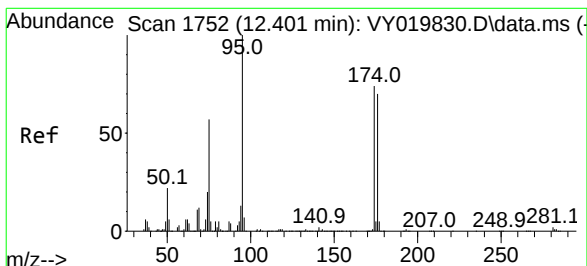
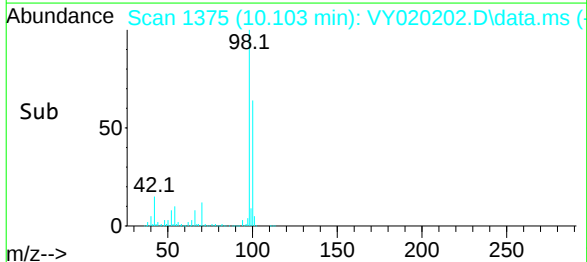
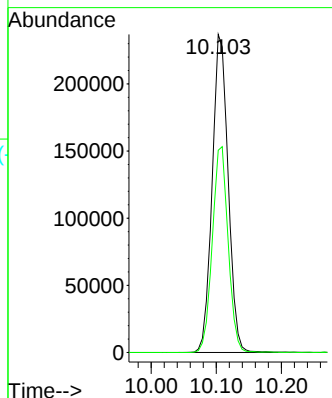
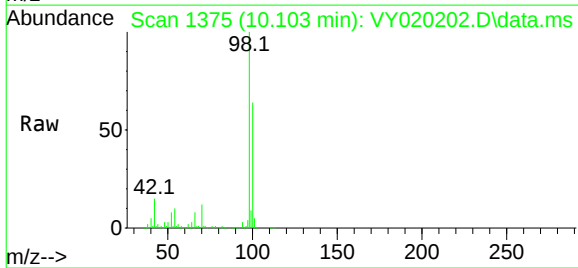
BP-F-10-VOC

Tgt Ion: 98 Resp: 403127

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.406 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020202.D

Acq: 07 Nov 2024 13:23

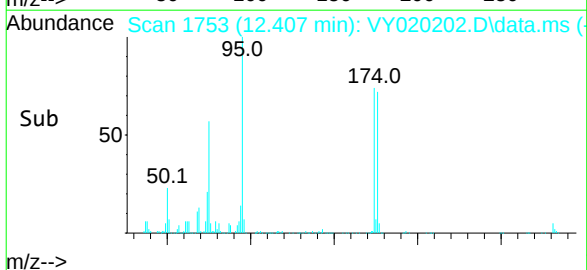
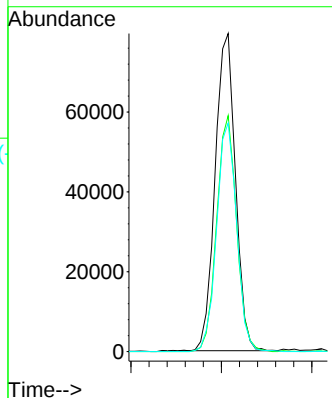
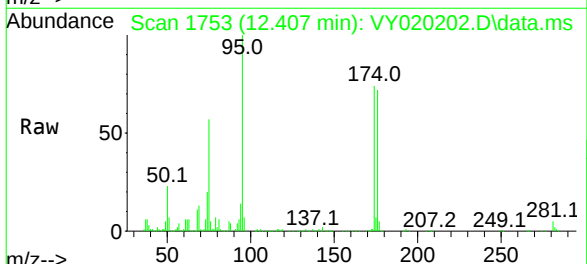
Tgt Ion: 95 Resp: 124049

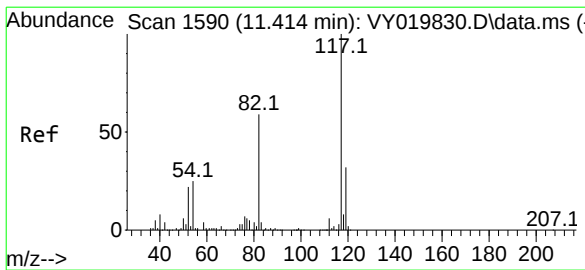
Ion Ratio Lower Upper

95 100

174 72.8 0.0 175.6

176 71.1 0.0 171.4

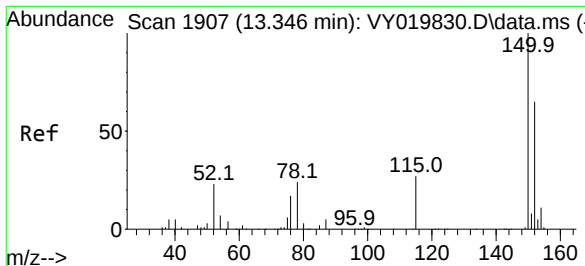
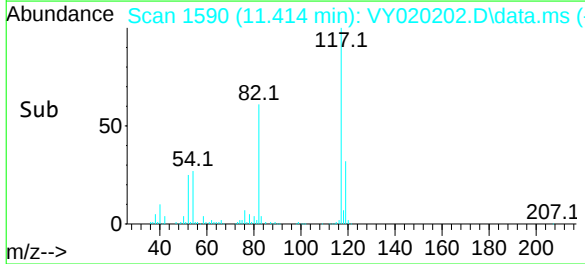
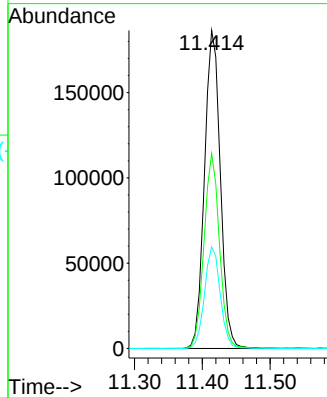
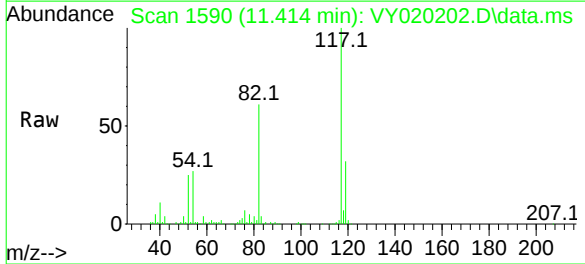




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020202.D
Acq: 07 Nov 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :
BP-F-10-VOC

Tgt Ion:117 Resp: 302380
Ion Ratio Lower Upper
117 100
82 61.2 42.4 63.6
119 31.9 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: VY020202.D
Acq: 07 Nov 2024 13:23

Tgt Ion:152 Resp: 111720
Ion Ratio Lower Upper
152 100
115 63.0 28.2 84.7
150 159.6 0.0 345.6

