

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020119.D
 Acq On : 01 Nov 2024 15:10
 Operator : SY/MD
 Sample : P4640-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3-VOC

Quant Time: Nov 01 16:03:36 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)

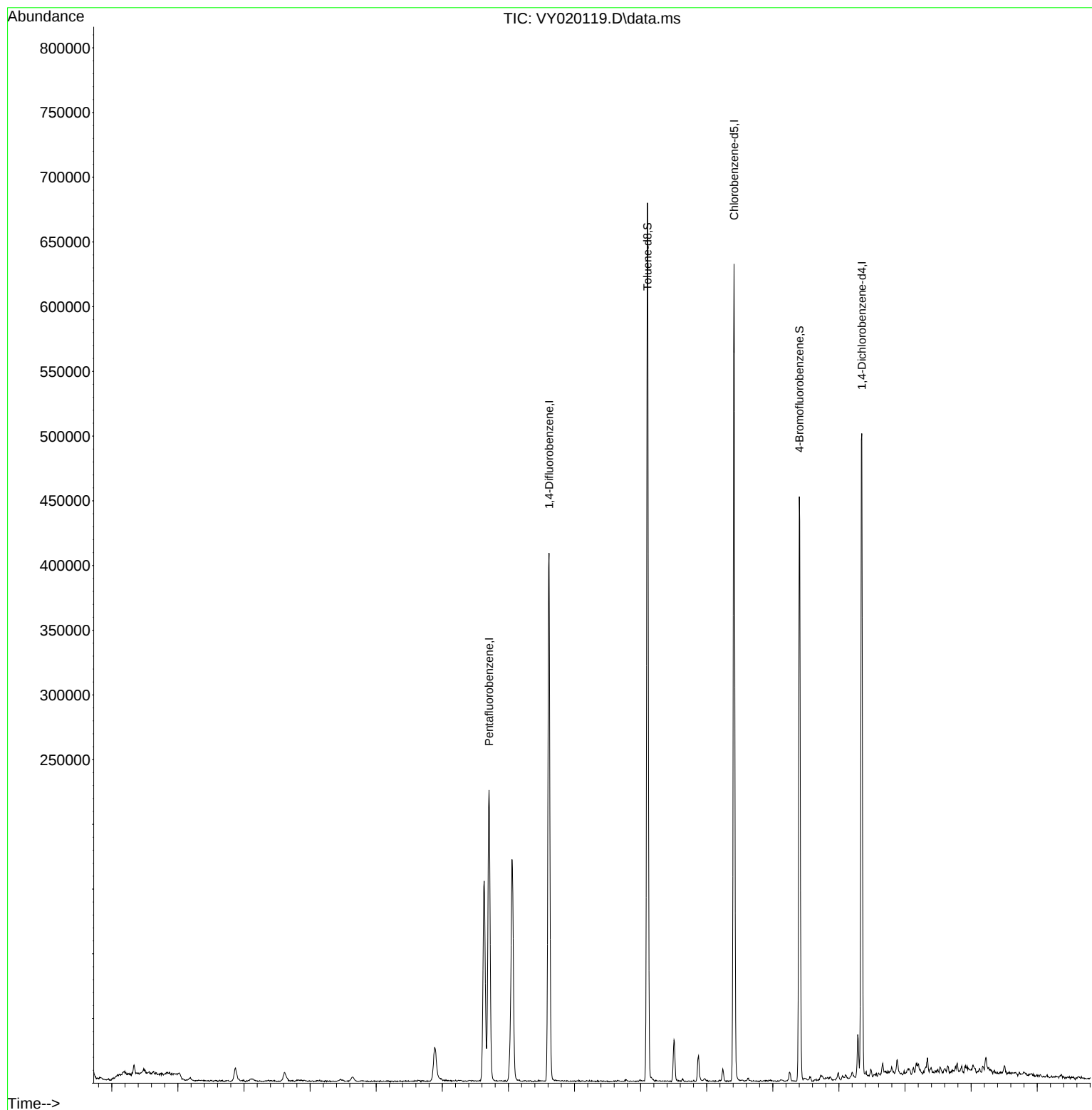
Internal Standards						
1) Pentafluorobenzene	7.707	168	156803	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	325059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	303237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	116239	59.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.800%
35) Dibromofluoromethane	7.634	113	110464	53.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.900%
50) Toluene-d8	10.103	98	408390	49.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.401	95	128187	47.973	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.940%
Target Compounds						
						Qvalue
16) Acetone	3.872	43	18686	41.058	ug/l	# 75
20) Methylene Chloride	4.622	84	4301	2.104	ug/l	# 91
25) 2-Butanone	6.902	43	6087	9.867	ug/l	89
86) p-Isopropyltoluene	13.285	119	15734	1.965	ug/l	93

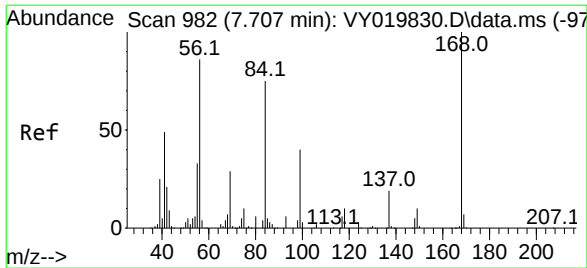
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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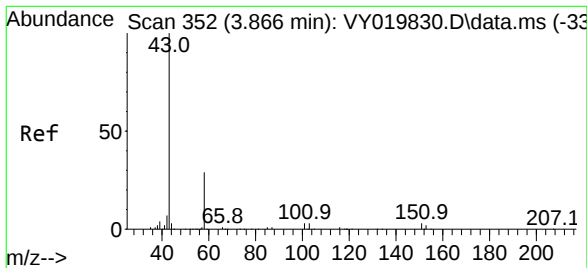
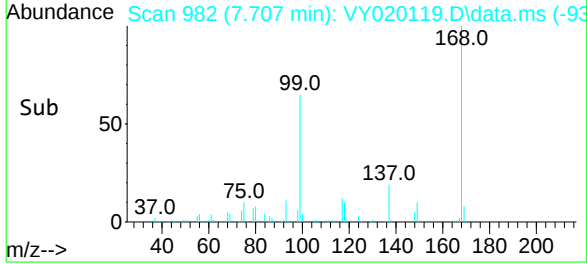
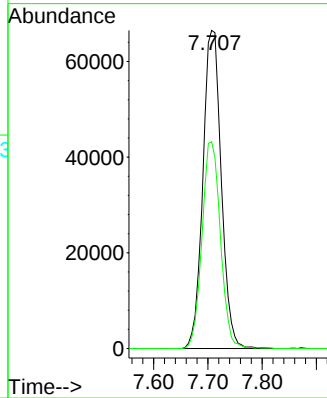
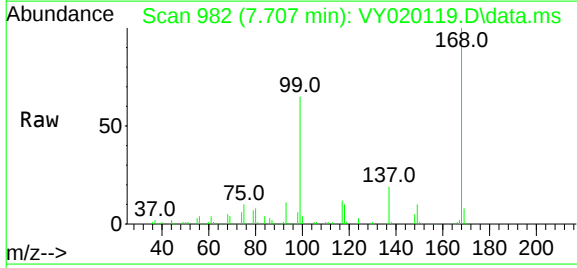




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

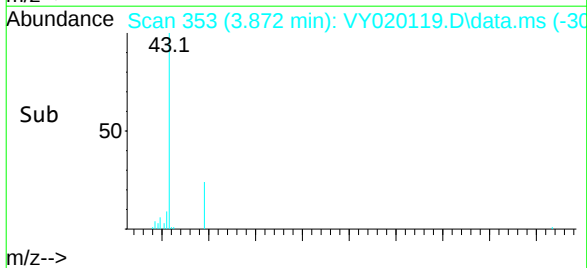
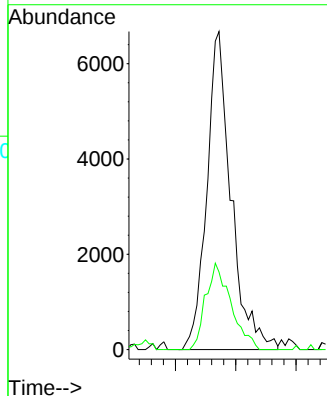
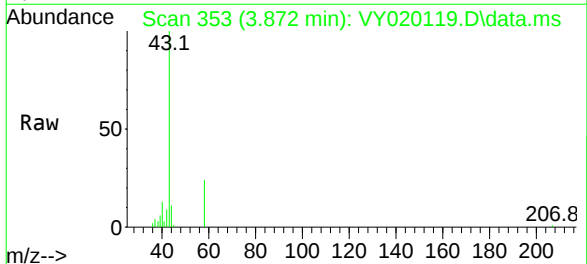
Instrument :
MSVOA_Y
ClientSampleId :
MH-3-VOC

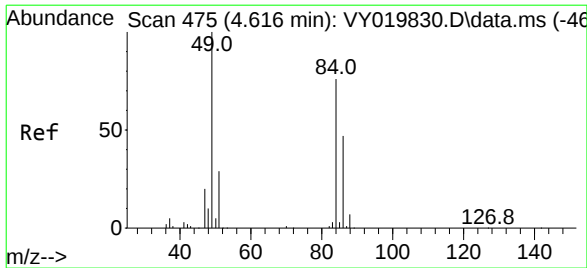
Tgt Ion:168 Resp: 156803
Ion Ratio Lower Upper
168 100
99 65.0 39.1 58.7#



#16
Acetone
Concen: 41.058 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 43 Resp: 18686
Ion Ratio Lower Upper
43 100
58 24.4 31.7 47.5#





#20

Methylene Chloride

Concen: 2.104 ug/l

RT: 4.622 min Scan# 47

Delta R.T. 0.006 min

Lab File: VY020119.D

Acq: 01 Nov 2024 15:10

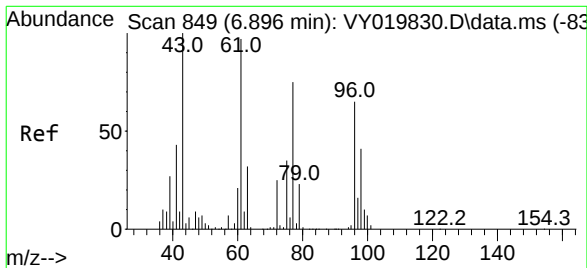
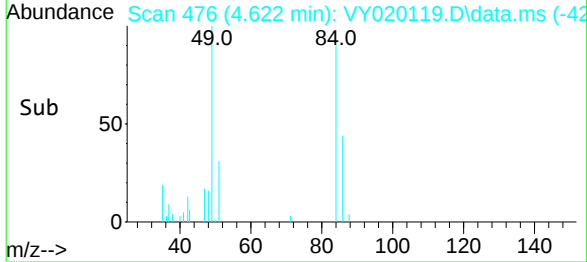
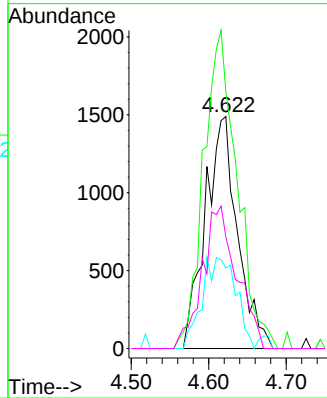
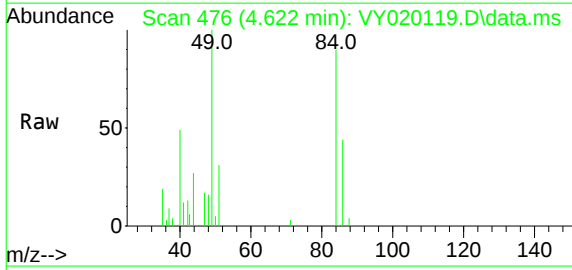
Instrument :

MSVOA_Y

ClientSampleId :

MH-3-VOC

Tgt Ion:	84	Resp:	4301
Ion	Ratio	Lower	Upper
84	100		
49	110.7	84.4	126.6
51	34.7	26.0	39.0
86	48.2	49.5	74.3



#25

2-Butanone

Concen: 9.867 ug/l

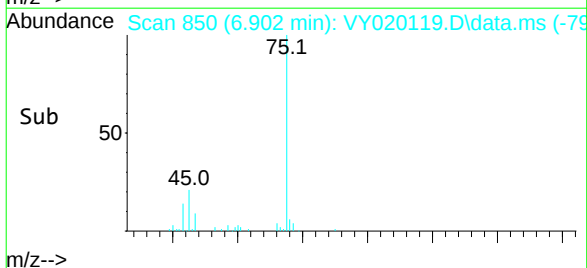
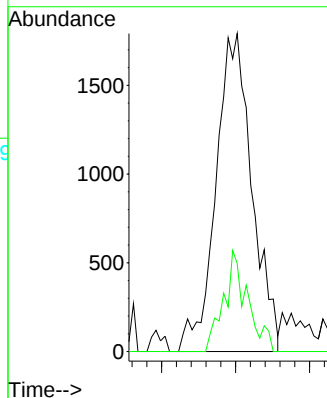
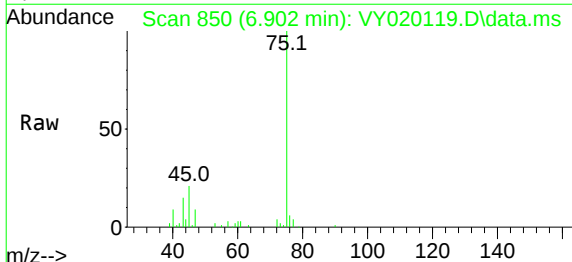
RT: 6.902 min Scan# 850

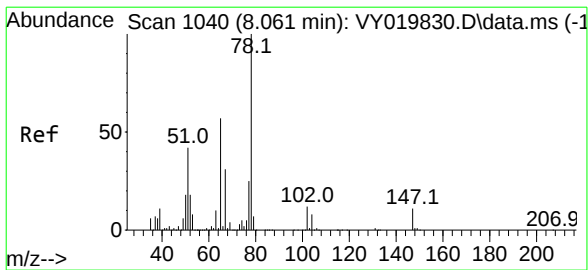
Delta R.T. 0.012 min

Lab File: VY020119.D

Acq: 01 Nov 2024 15:10

Tgt Ion:	43	Resp:	6087
Ion	Ratio	Lower	Upper
43	100		
72	27.7	27.3	40.9

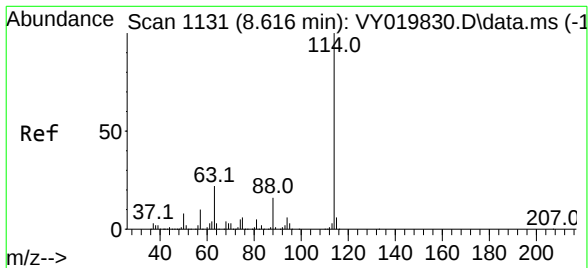
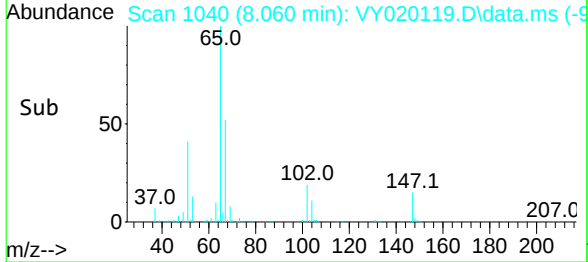
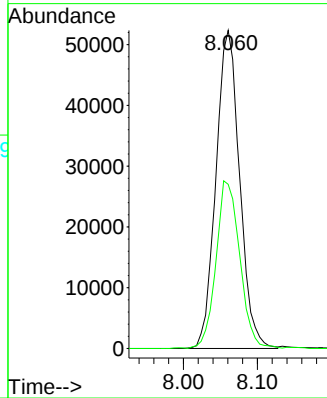
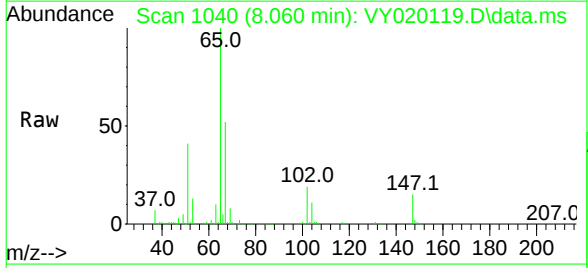




#33
1,2-Dichloroethane-d4
Concen: 59.396 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

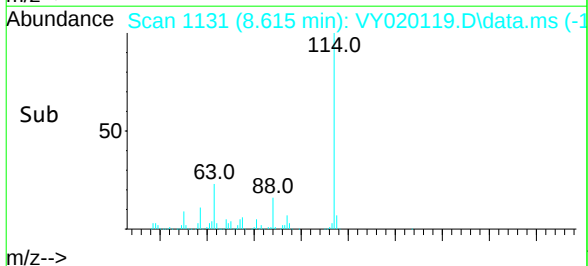
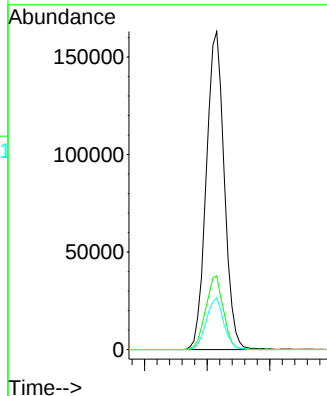
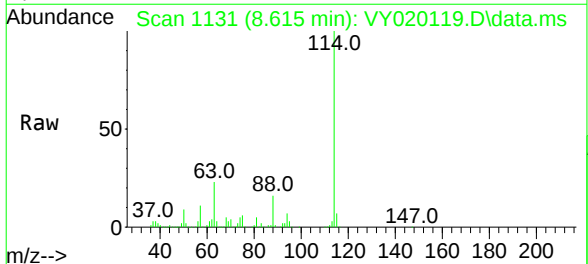
Instrument :
MSVOA_Y
ClientSampleId :
MH-3-VOC

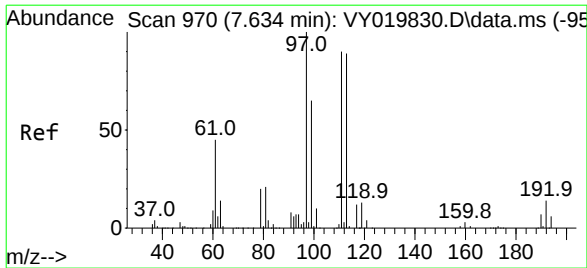
Tgt Ion: 65 Resp: 116239
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 114 Resp: 325059
Ion Ratio Lower Upper
114 100
63 23.2 0.0 35.0
88 16.3 0.0 27.2

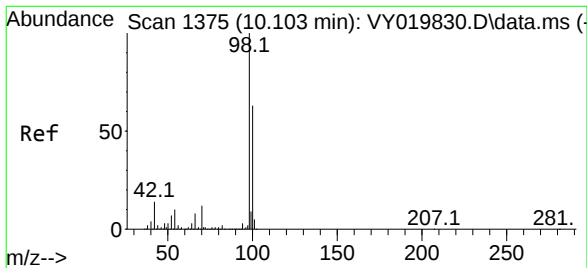
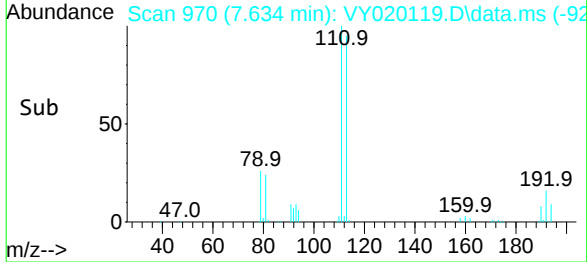
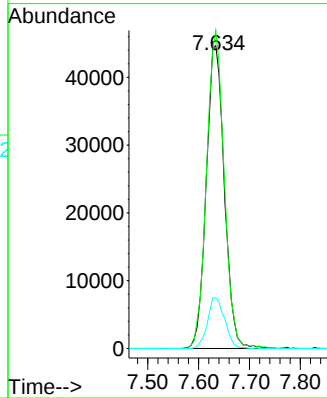
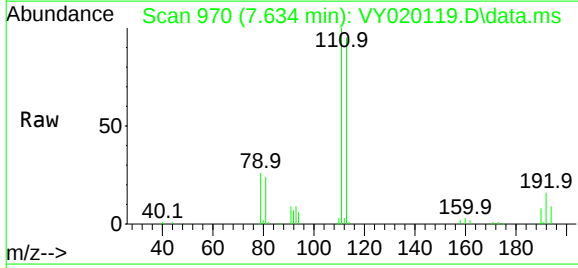




#35
Dibromofluoromethane
Concen: 53.449 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

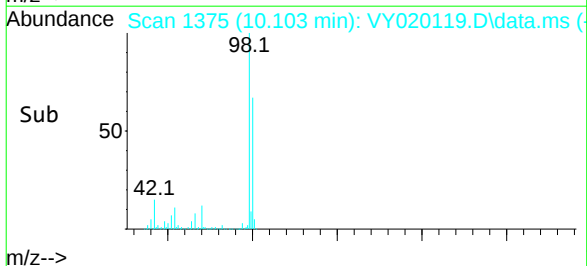
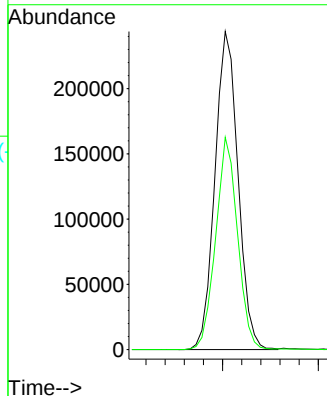
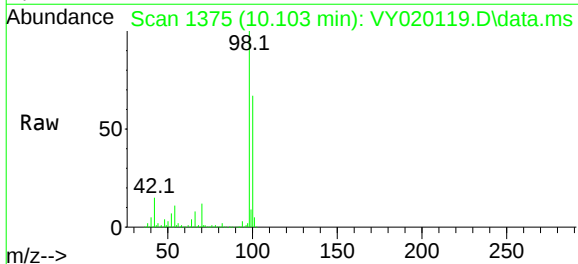
Instrument :
MSVOA_Y
ClientSampleId :
MH-3-VOC

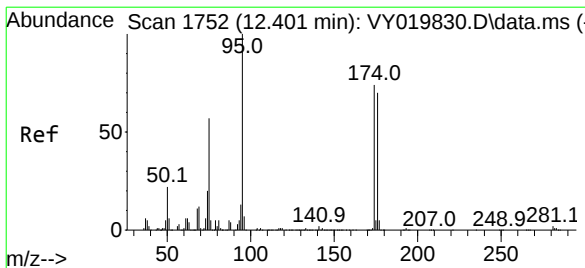
Tgt Ion:113 Resp: 110464
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.0 15.9 23.9



#50
Toluene-d8
Concen: 49.643 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 98 Resp: 408390
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

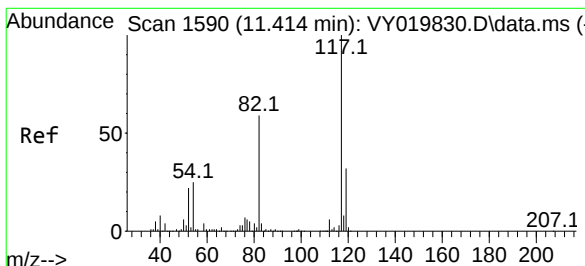
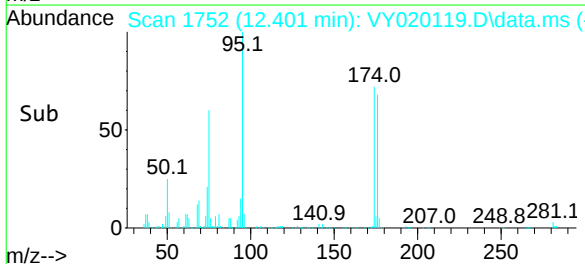
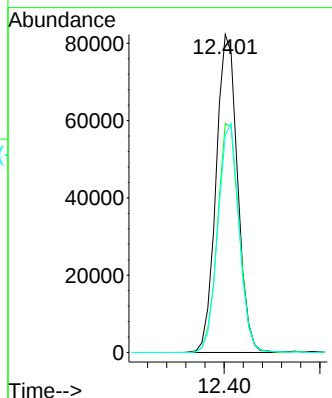
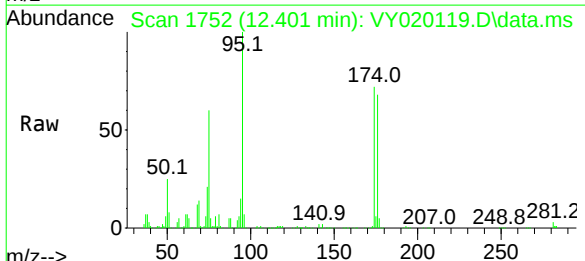




#62
4-Bromofluorobenzene
Concen: 47.973 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

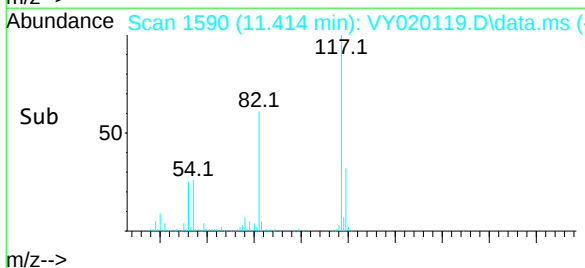
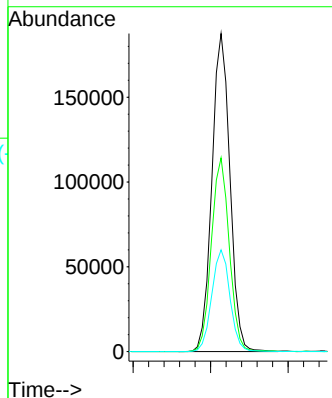
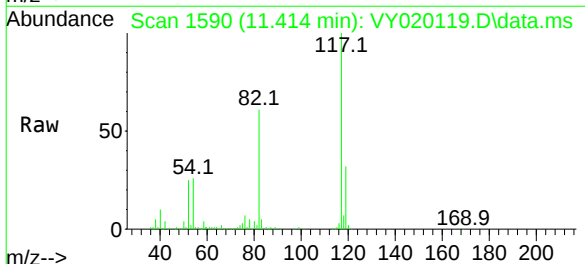
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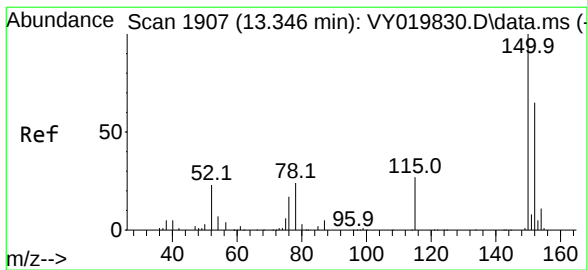
Tgt Ion: 95 Resp: 128187
Ion Ratio Lower Upper
95 100
174 72.5 0.0 175.6
176 71.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 117 Resp: 303237
Ion Ratio Lower Upper
117 100
82 60.9 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: VY020119.D

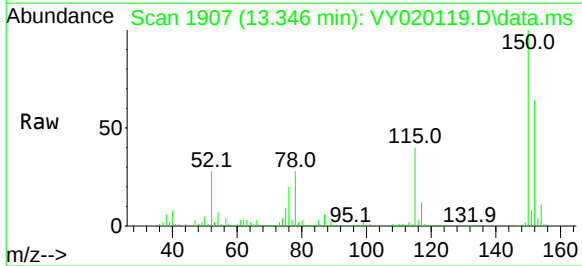
Acq: 01 Nov 2024 15:10

Instrument :

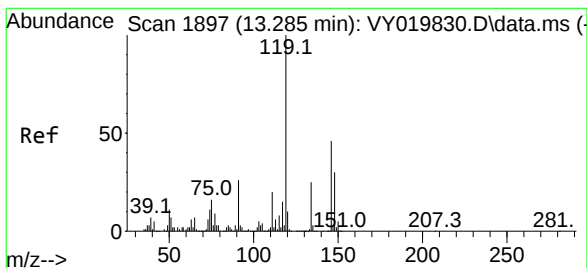
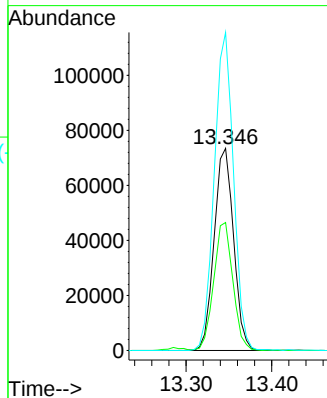
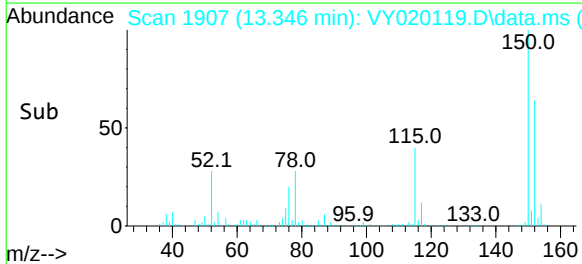
MSVOA_Y

ClientSampleId :

MH-3-VOC



Tgt Ion:	152	Resp:	115916
Ion Ratio	Lower	Upper	
152	100		
115	62.0	28.2	84.7
150	155.7	0.0	345.6



#86

p-Isopropyltoluene

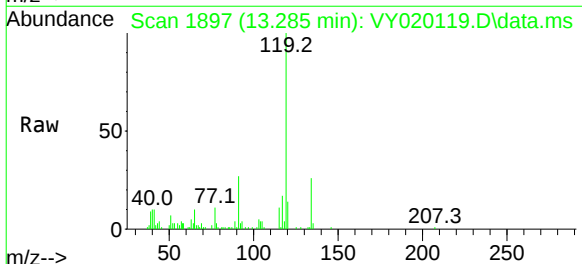
Concen: 1.965 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020119.D

Acq: 01 Nov 2024 15:10



Tgt Ion:	119	Resp:	15734
Ion Ratio	Lower	Upper	
119	100		
134	28.0	13.1	39.3
91	26.3	10.7	32.1

