

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019396.D
 Acq On : 30 Aug 2024 15:26
 Operator : SY/MD
 Sample : P3727-03
 Misc : 3.26g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-21-VOC

Quant Time: Aug 30 16:20:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

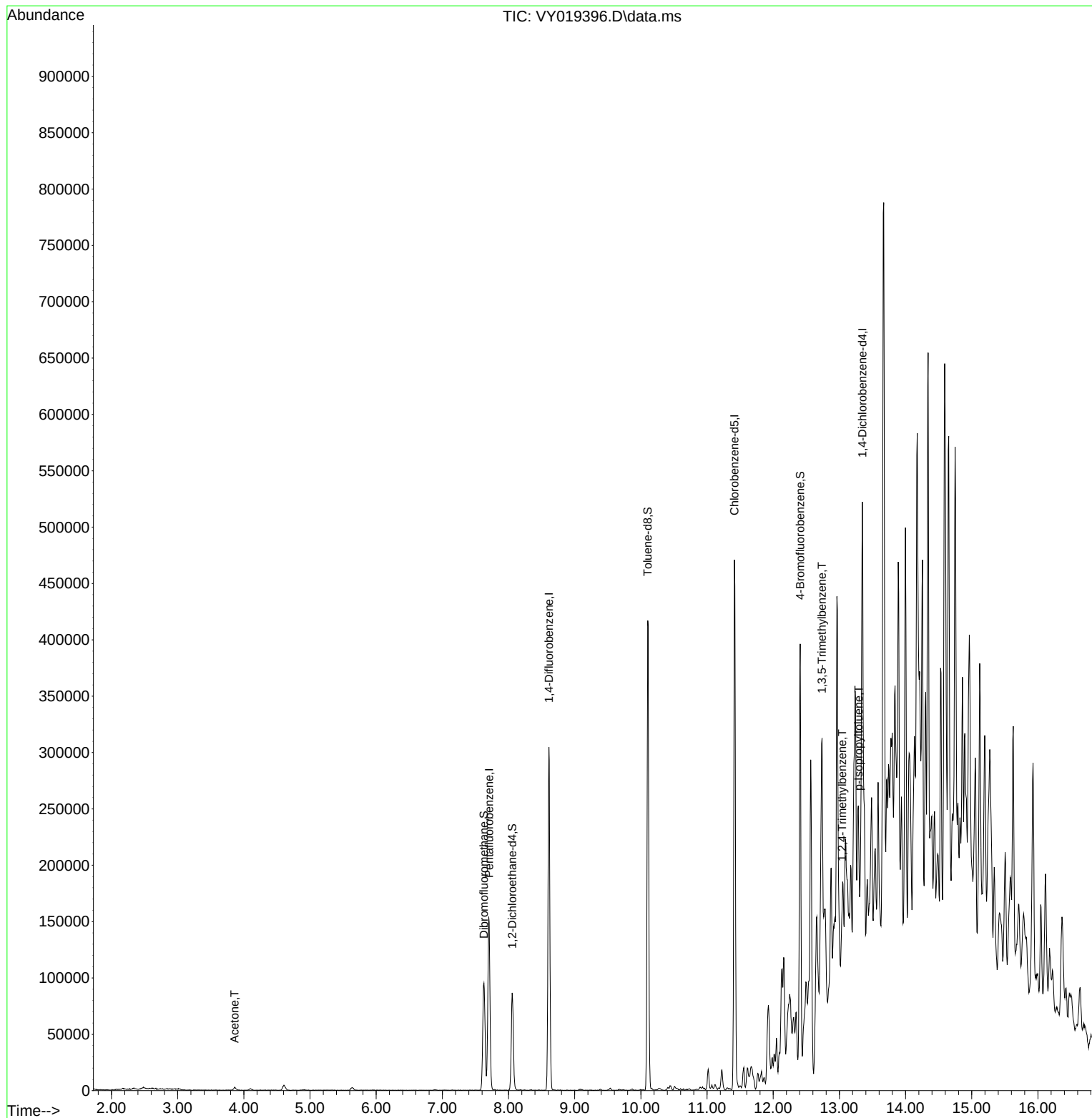
Internal Standards						
1) Pentafluorobenzene	7.707	168	122907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	255680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	254053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	102973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	65830	56.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.100%
35) Dibromofluoromethane	7.628	113	71190	44.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.080%
50) Toluene-d8	10.103	98	269197	45.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.480%
62) 4-Bromofluorobenzene	12.408	95	103530	53.791	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	107.580%
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	4356	19.024	ug/l #	85
80) 1,3,5-Trimethylbenzene	12.737	105	29641	4.582	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	11131	1.792	ug/l	97
86) p-Isopropyltoluene	13.292	119	9843	1.393	ug/l	93

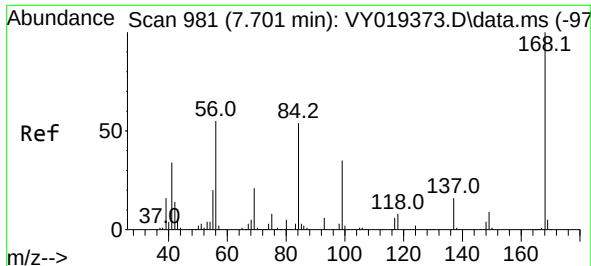
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

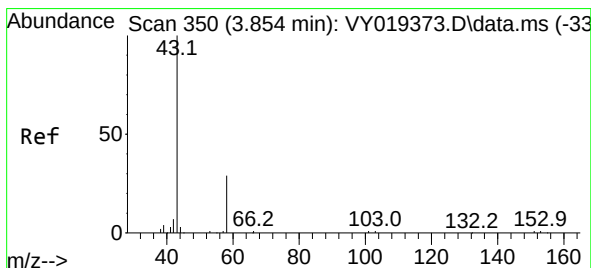
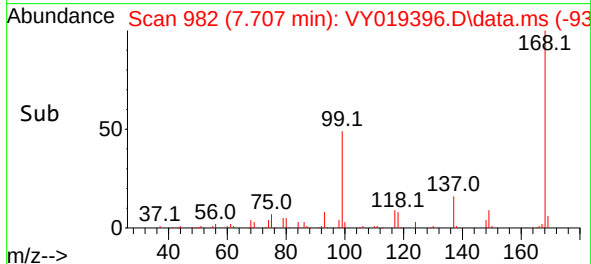
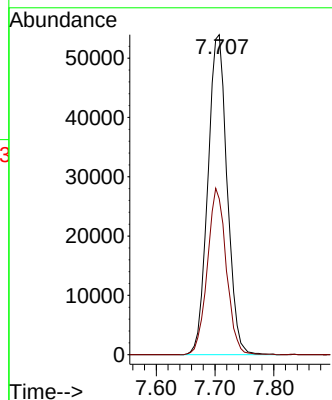
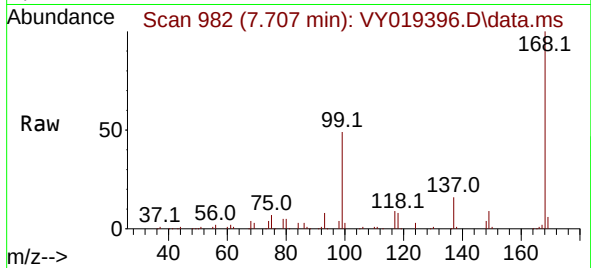




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019396.D
Acq: 30 Aug 2024 15:26

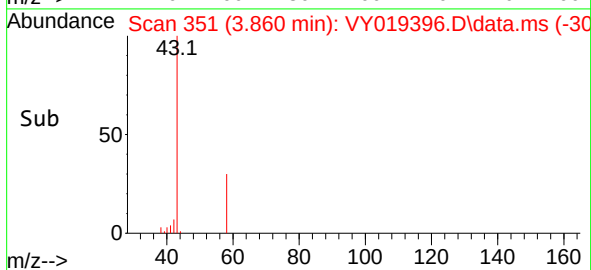
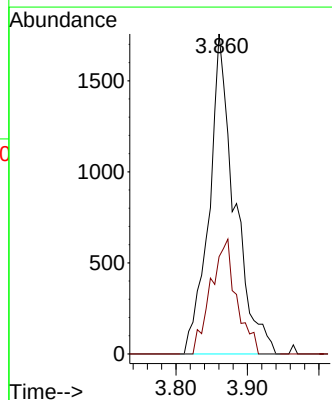
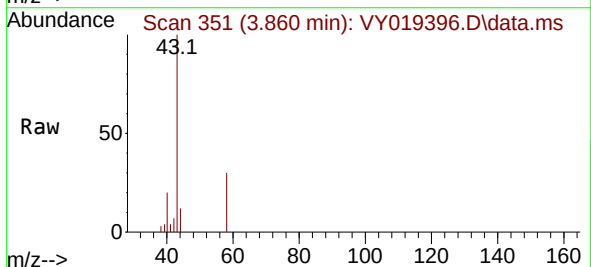
Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

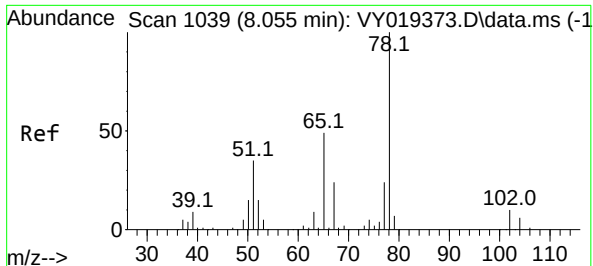
Tgt Ion:168 Resp: 122907
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#16
Acetone
Concen: 19.024 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019396.D
Acq: 30 Aug 2024 15:26

Tgt Ion: 43 Resp: 4356
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 56.548 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY019396.D

Acq: 30 Aug 2024 15:26

Instrument :

MSVOA_Y

ClientSampleId :

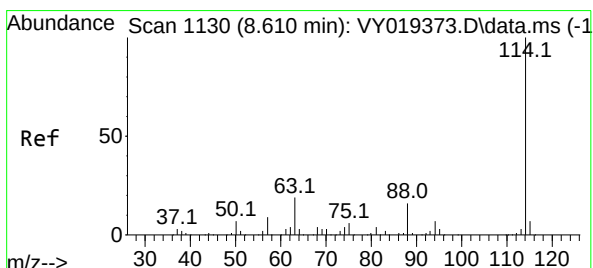
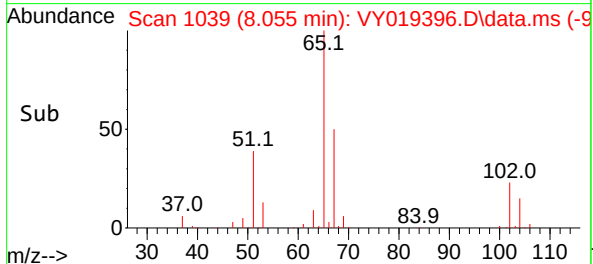
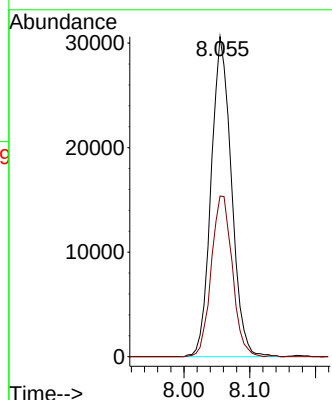
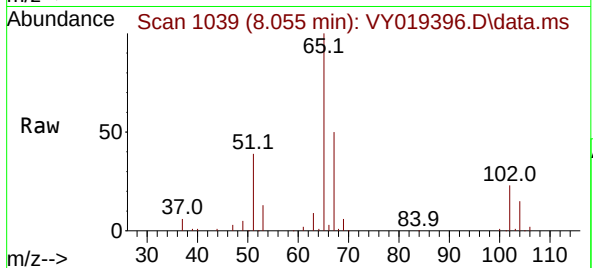
MH-21-VOC

Tgt Ion: 65 Resp: 65830

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019396.D

Acq: 30 Aug 2024 15:26

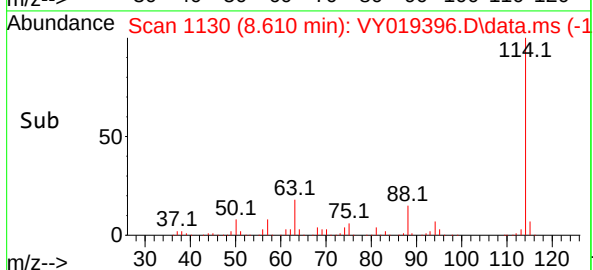
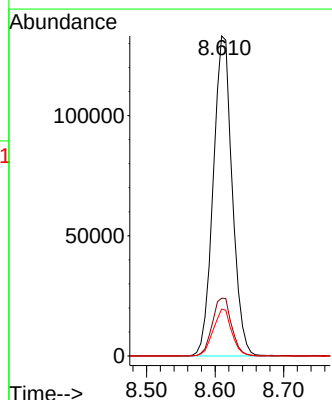
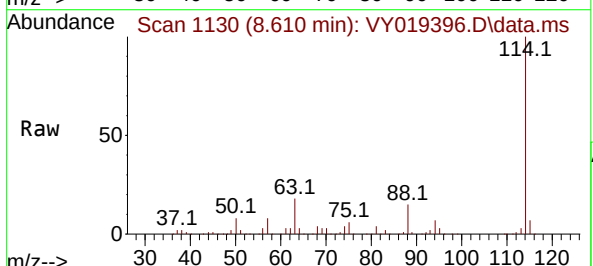
Tgt Ion: 114 Resp: 255680

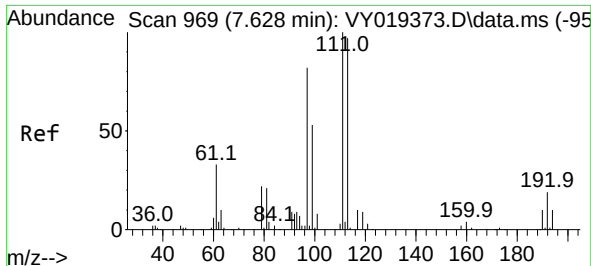
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.6 0.0 27.2

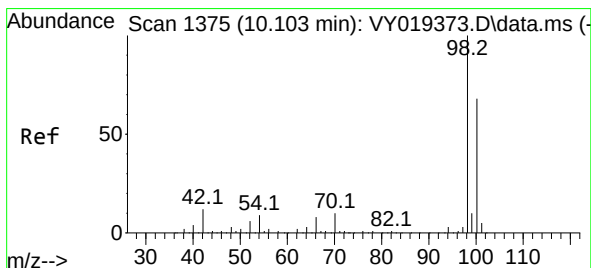
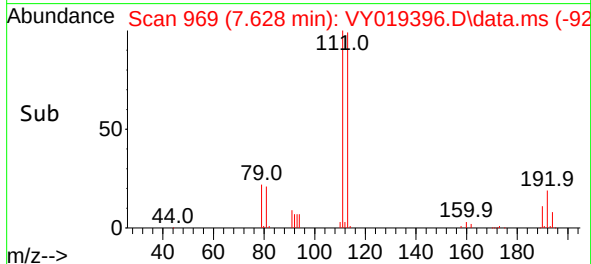
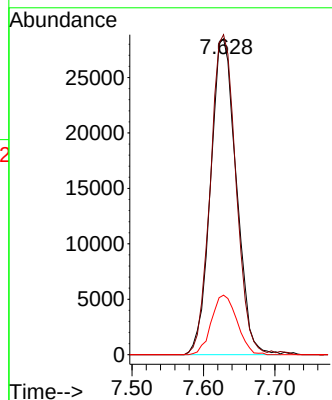
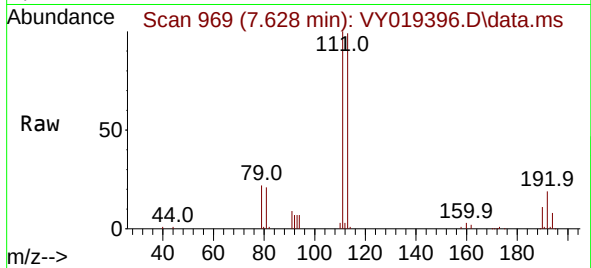




#35
Dibromofluoromethane
Concen: 44.040 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY019396.D
Acq: 30 Aug 2024 15:26

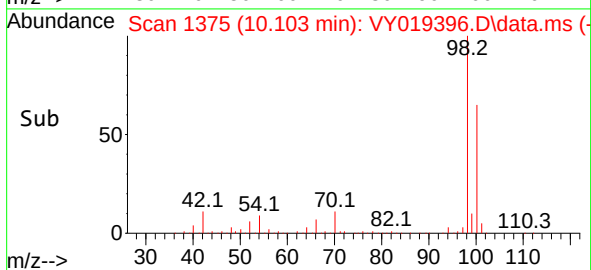
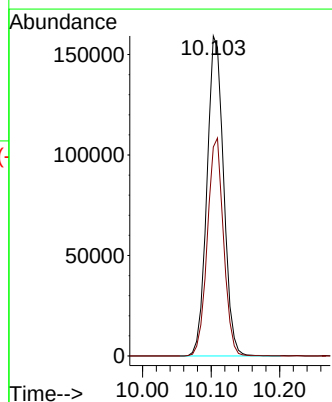
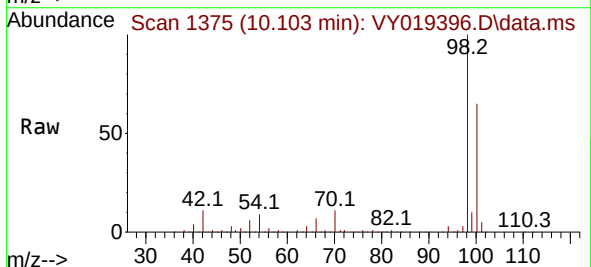
Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

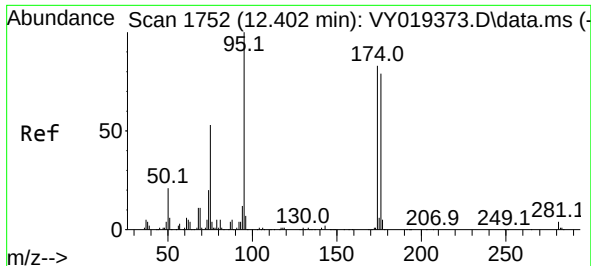
Tgt Ion:113 Resp: 71190
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 18.7 15.9 23.9



#50
Toluene-d8
Concen: 45.238 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019396.D
Acq: 30 Aug 2024 15:26

Tgt Ion: 98 Resp: 269197
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

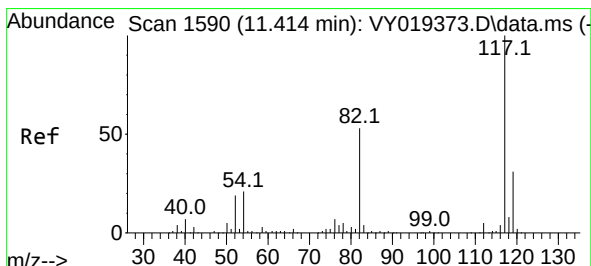
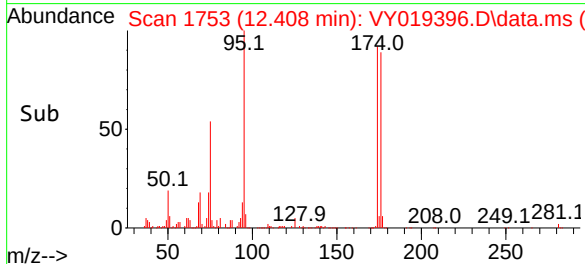
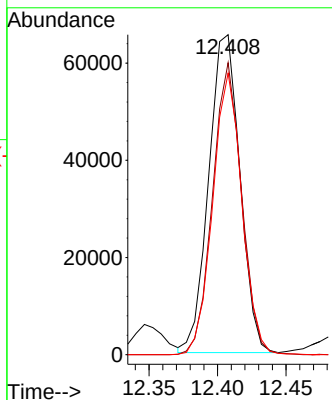
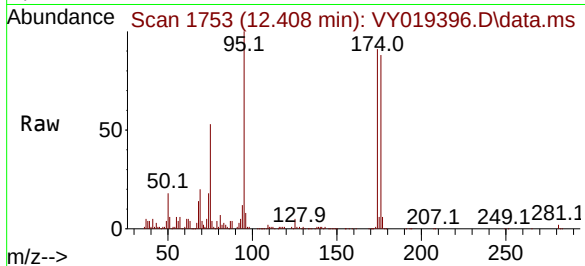




#62
4-Bromofluorobenzene
Concen: 53.791 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY019396.D
Acq: 30 Aug 2024 15:26

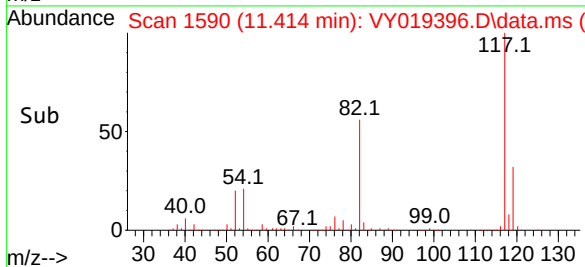
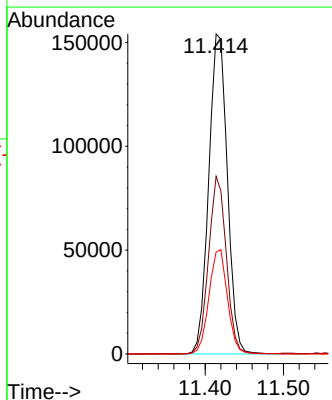
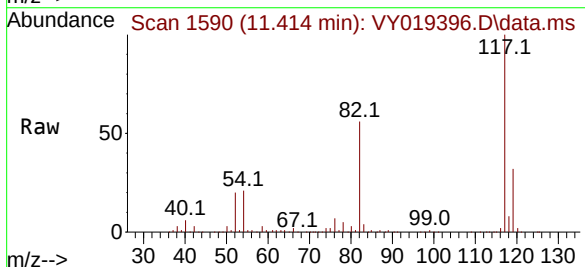
Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

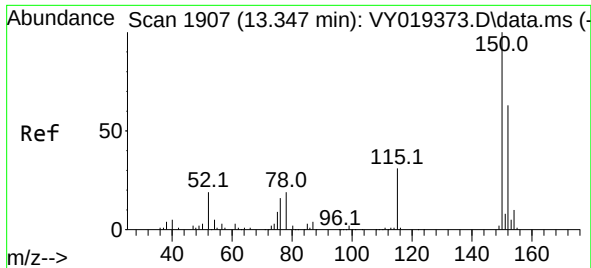
Tgt Ion: 95 Resp: 103530
Ion Ratio Lower Upper
95 100
174 85.4 0.0 175.6
176 82.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY019396.D
Acq: 30 Aug 2024 15:26

Tgt Ion: 117 Resp: 254053
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 31.8 25.9 38.9

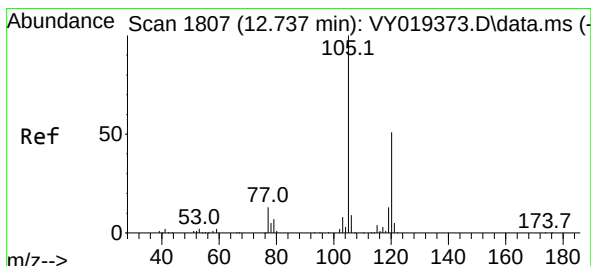
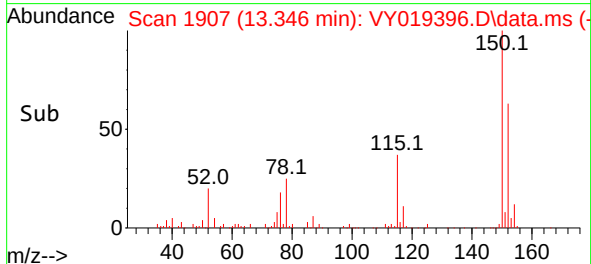
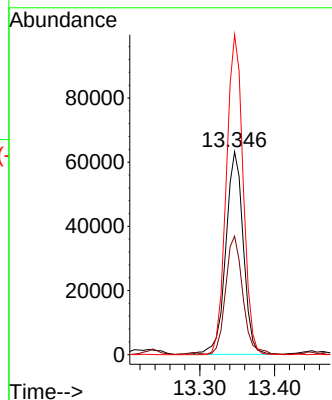
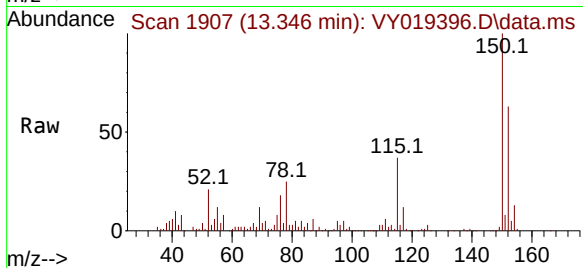




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY019396.D
 Acq: 30 Aug 2024 15:26

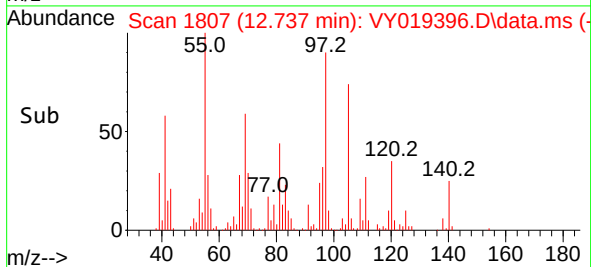
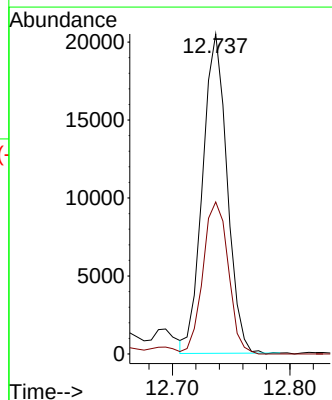
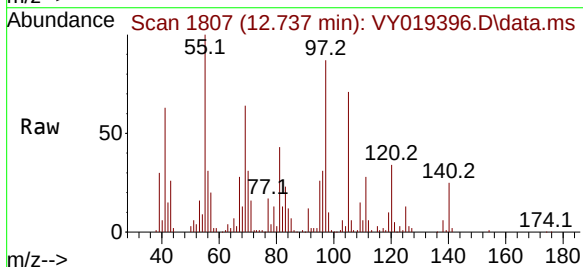
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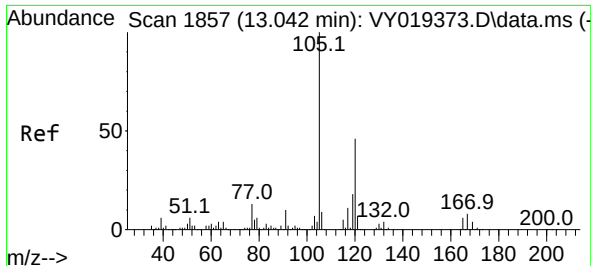
Tgt Ion:152 Resp: 102973
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.7
 150 151.4 0.0 345.6



#80
 1,3,5-Trimethylbenzene
 Concen: 4.582 ug/l
 RT: 12.737 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: VY019396.D
 Acq: 30 Aug 2024 15:26

Tgt Ion:105 Resp: 29641
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.1 75.2

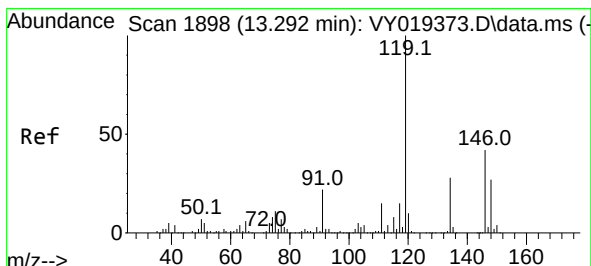
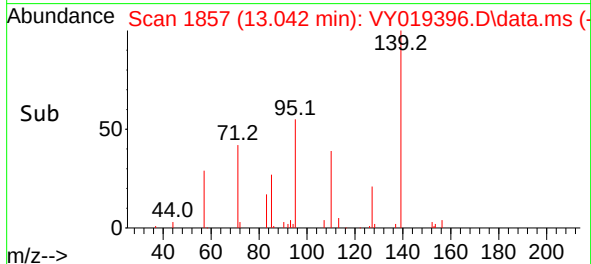
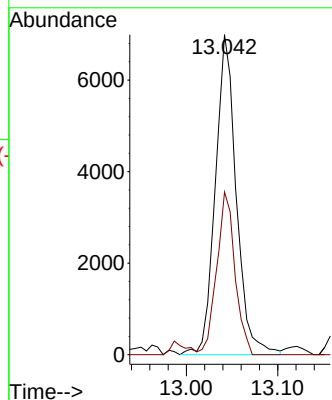
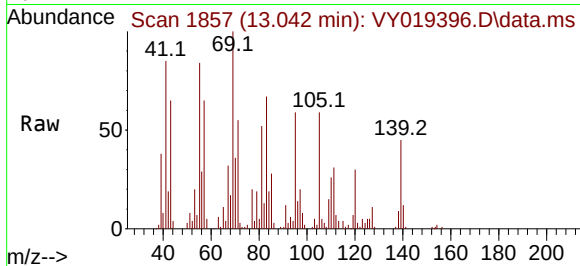




#84
1,2,4-Trimethylbenzene
Concen: 1.792 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY019396.D
Acq: 30 Aug 2024 15:26

Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

Tgt Ion:105 Resp: 11131
Ion Ratio Lower Upper
105 100
120 44.3 23.2 69.6



#86
p-Isopropyltoluene
Concen: 1.393 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY019396.D
Acq: 30 Aug 2024 15:26

Tgt Ion:119 Resp: 9843
Ion Ratio Lower Upper
119 100
134 26.4 13.1 39.3
91 28.1 10.7 32.1

