

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019367.D
 Acq On : 29 Aug 2024 08:44
 Operator : SY/MD
 Sample : P3727-03
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-21-VOC

Quant Time: Aug 29 09:06:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

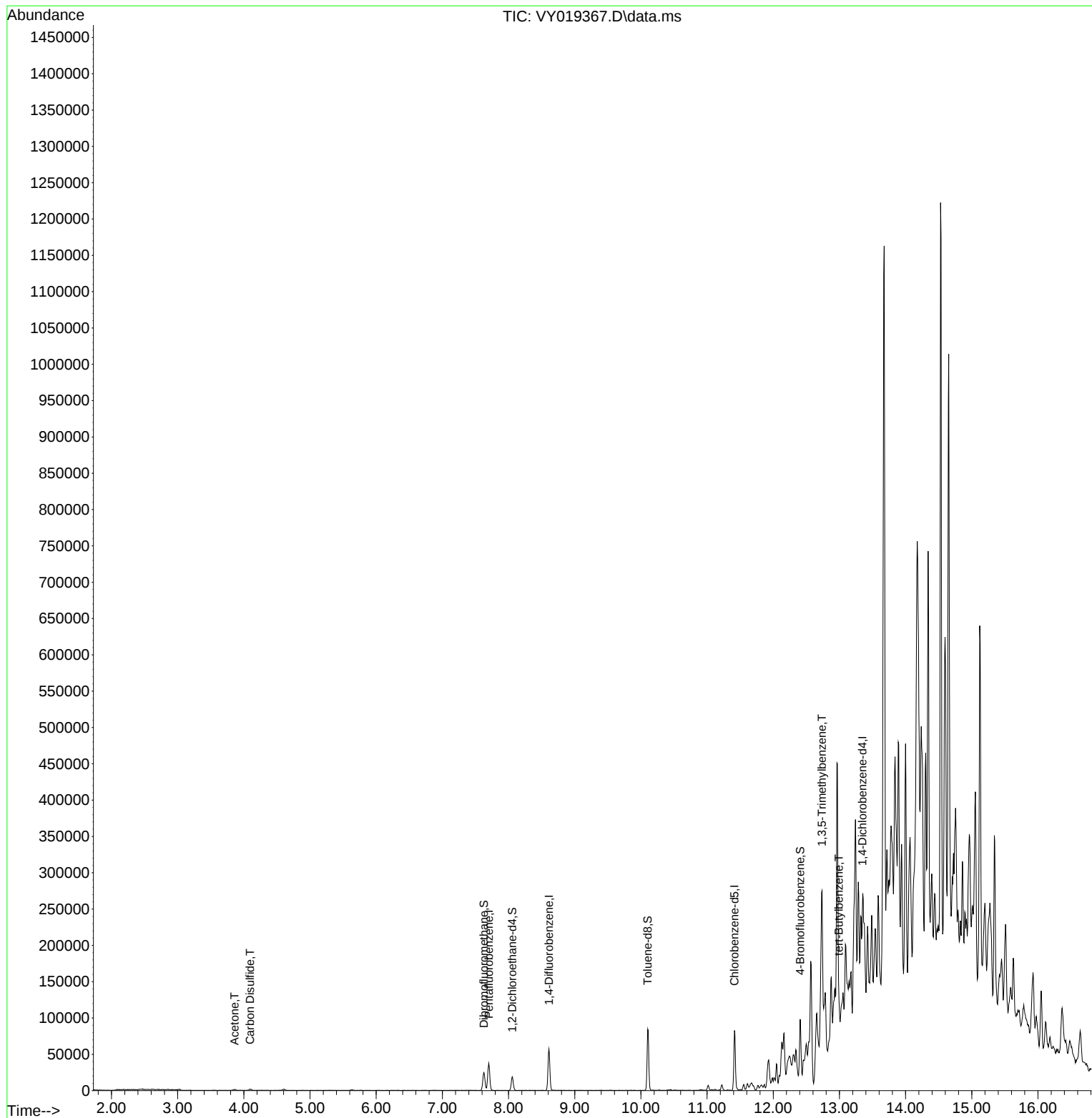
Internal Standards						
1) Pentafluorobenzene	7.701	168	28375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	48962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	44577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	22670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	14032	49.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.628	113	16900	52.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.580%
50) Toluene-d8	10.103	98	55026	47.762	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.407	95	20420	51.993	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.980%
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	2023	38.351	ug/l	94
17) Carbon Disulfide	4.092	76	3402	4.261	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	28605	20.208	ug/l	100
83) tert-Butylbenzene	12.993	119	2133	1.632	ug/l	87

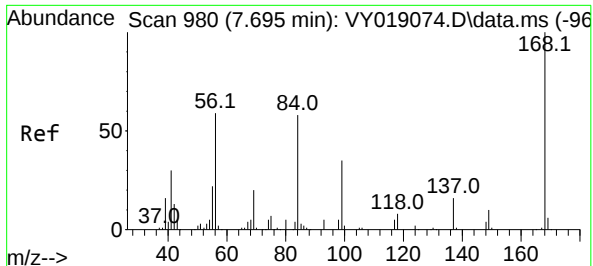
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
Data File : VY019367.D
Acq On : 29 Aug 2024 08:44
Operator : SY/MD
Sample : P3727-03
Misc : 3.86g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

Quant Time: Aug 29 09:06:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

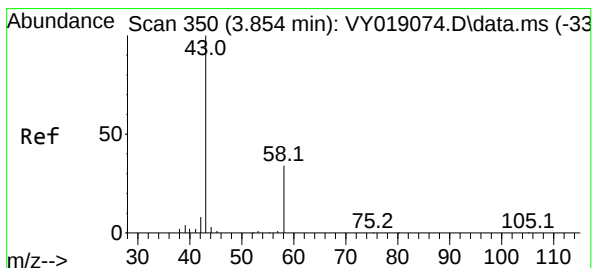
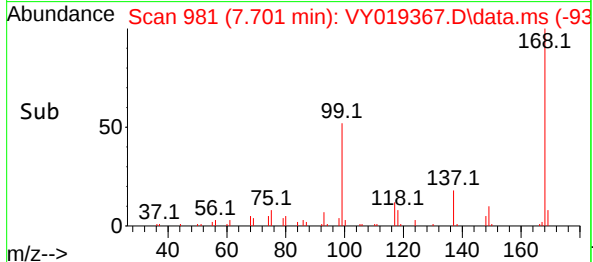
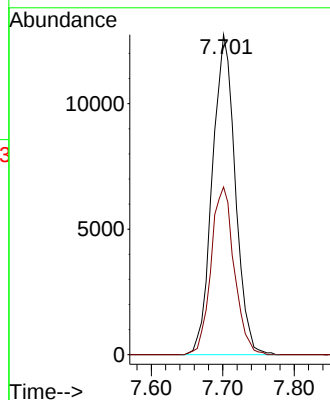
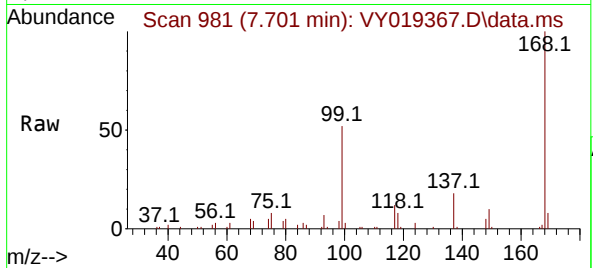




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

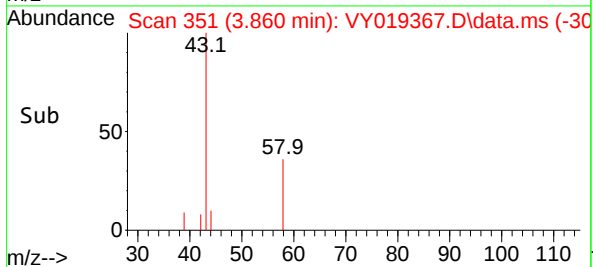
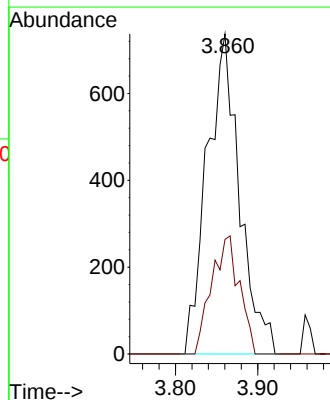
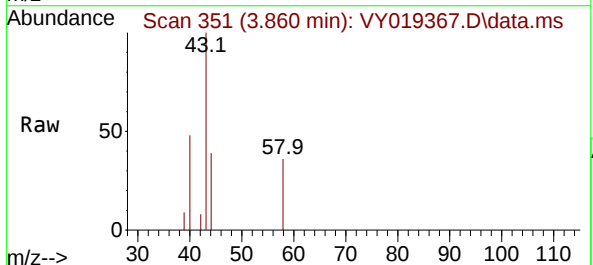
Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

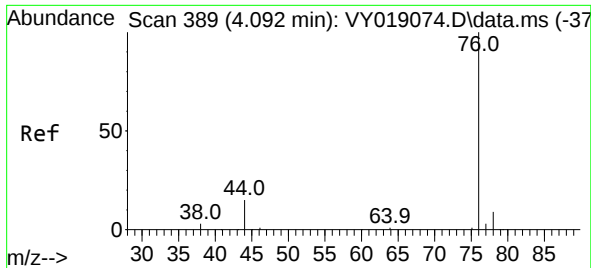
Tgt Ion:168 Resp: 28375
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#16
Acetone
Concen: 38.351 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

Tgt Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5

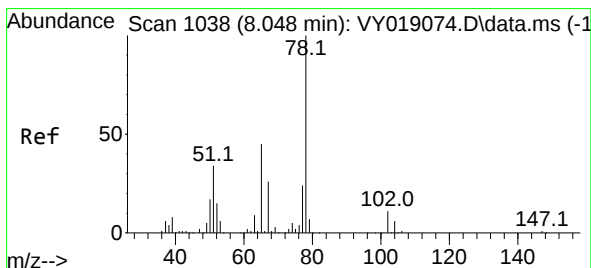
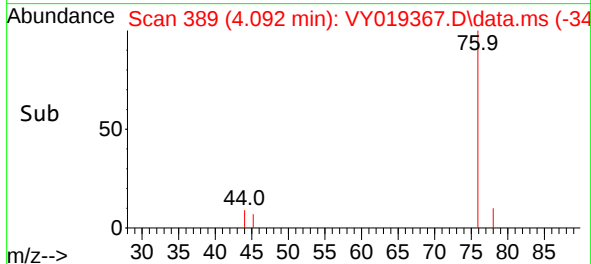
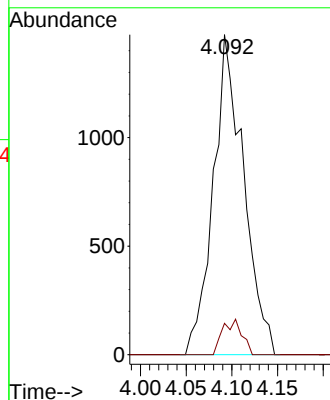
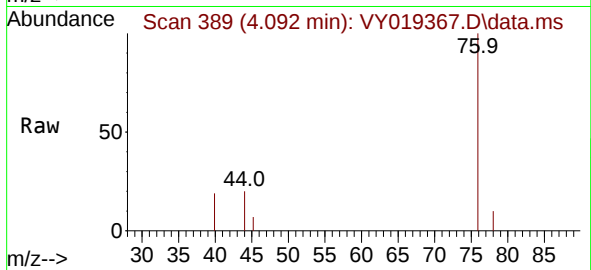




#17
Carbon Disulfide
Concen: 4.261 ug/l
RT: 4.092 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

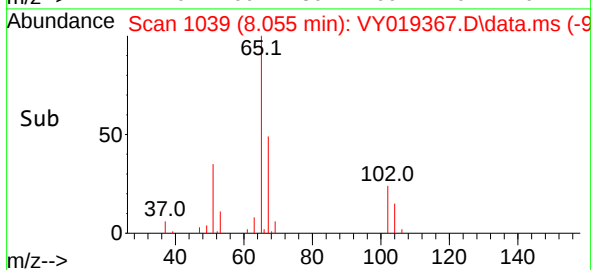
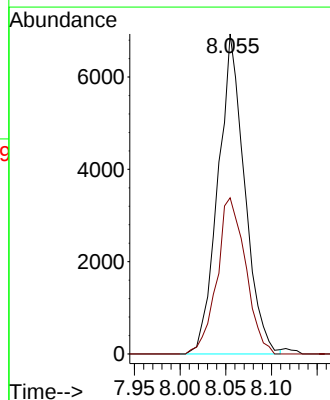
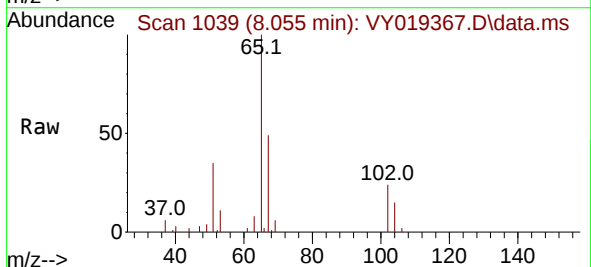
Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

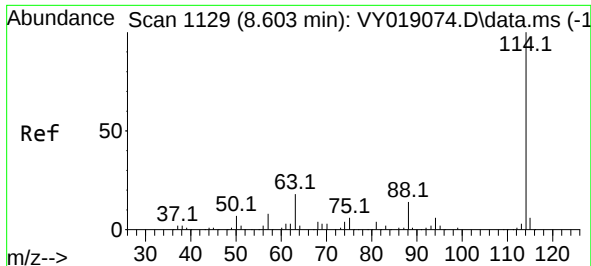
Tgt Ion: 76 Resp: 3402
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 49.333 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

Tgt Ion: 65 Resp: 14032
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019367.D

Acq: 29 Aug 2024 08:44

Instrument :

MSVOA_Y

ClientSampleId :

MH-21-VOC

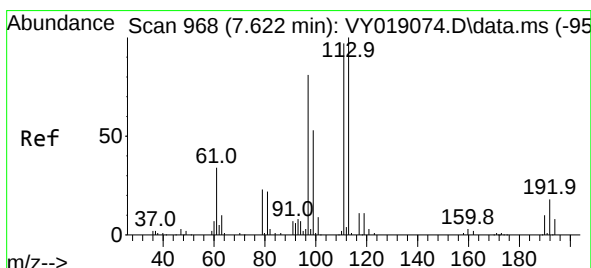
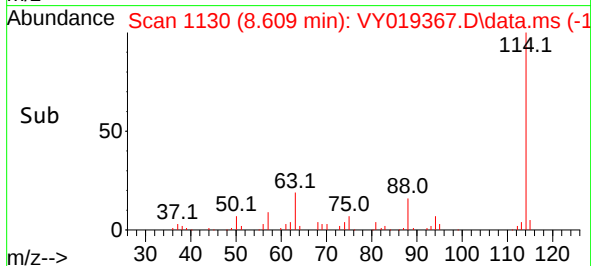
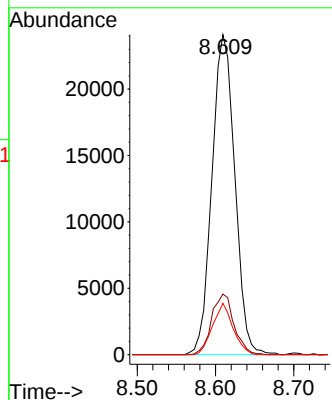
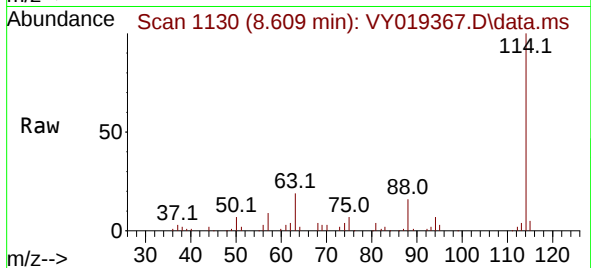
Tgt Ion:114 Resp: 48962

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.789 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019367.D

Acq: 29 Aug 2024 08:44

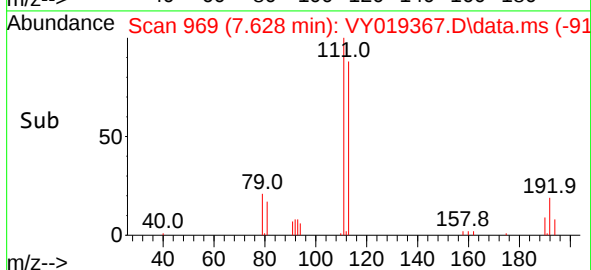
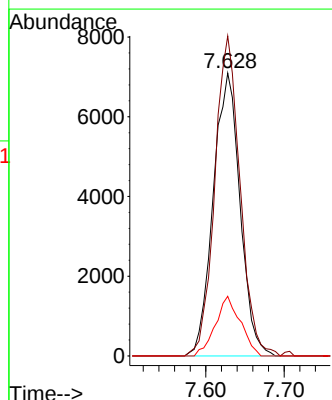
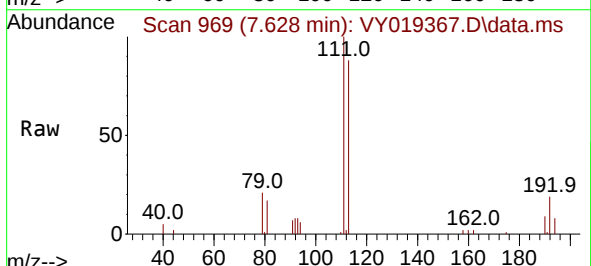
Tgt Ion:113 Resp: 16900

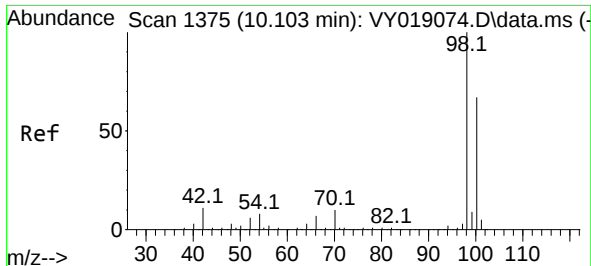
Ion Ratio Lower Upper

113 100

111 106.6 82.2 123.4

192 19.6 15.9 23.9

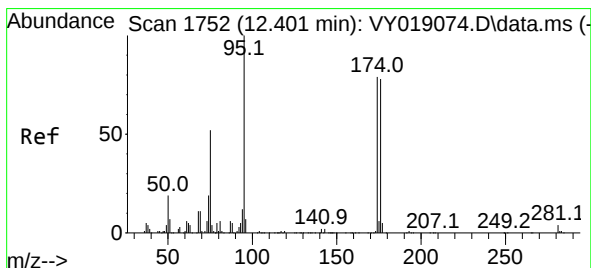
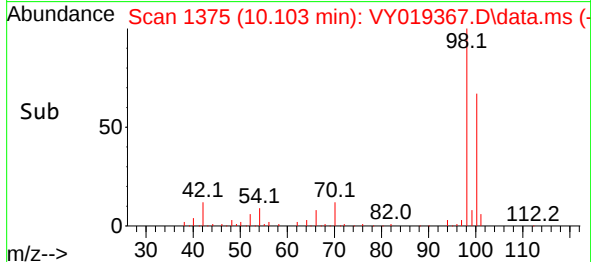
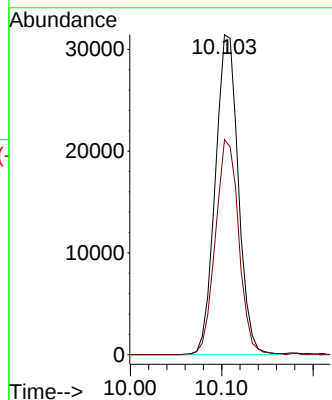
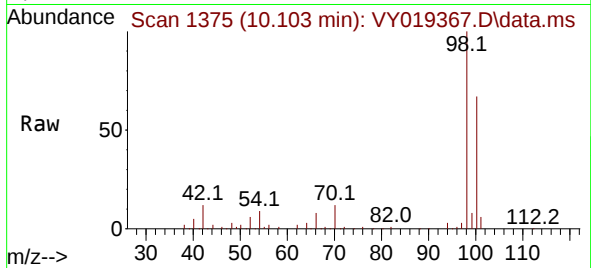




#50
Toluene-d8
Concen: 47.762 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

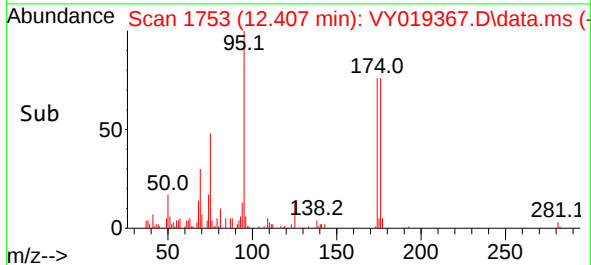
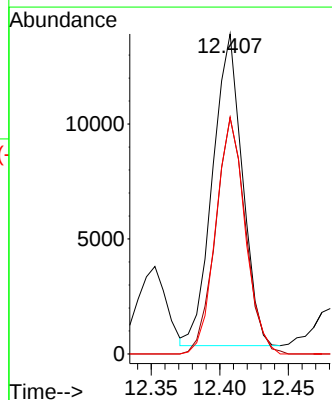
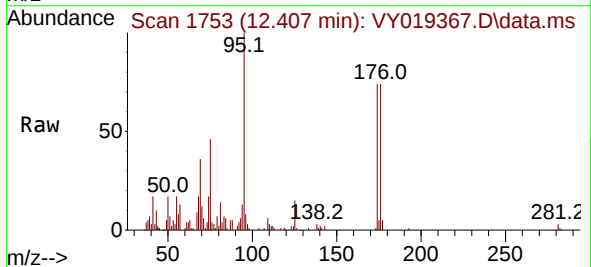
Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

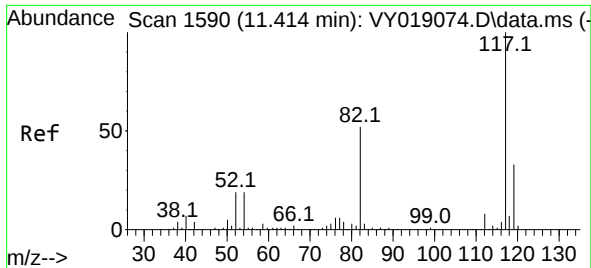
Tgt Ion: 98 Resp: 55026
Ion Ratio Lower Upper
98 100
100 68.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.993 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

Tgt Ion: 95 Resp: 20420
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 75.0 0.0 171.4

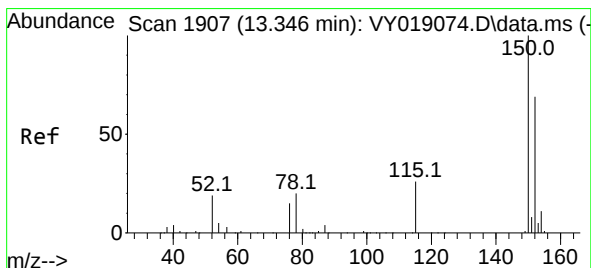
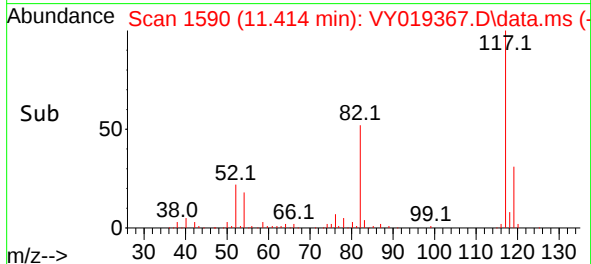
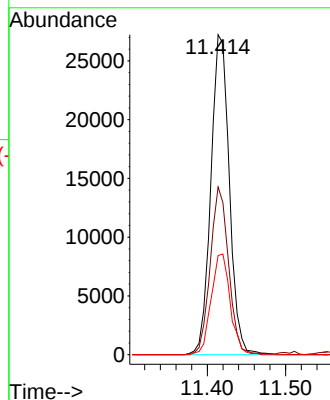
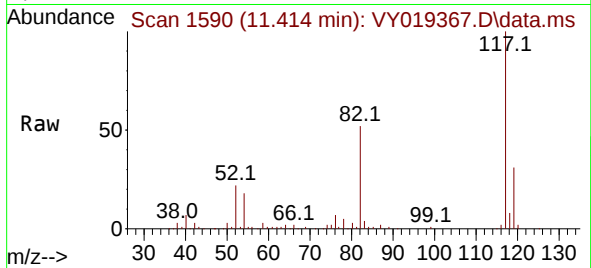




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

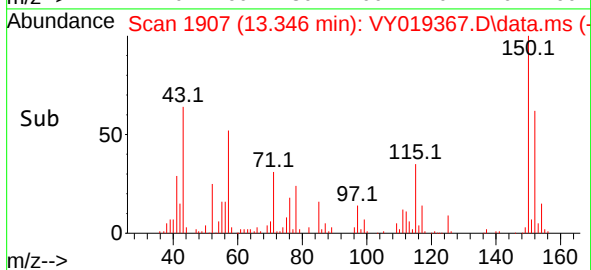
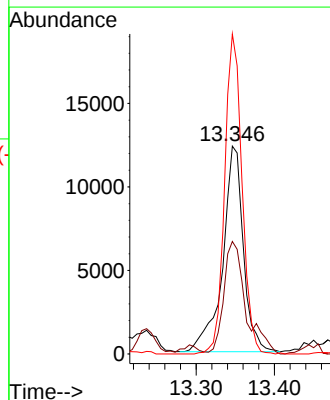
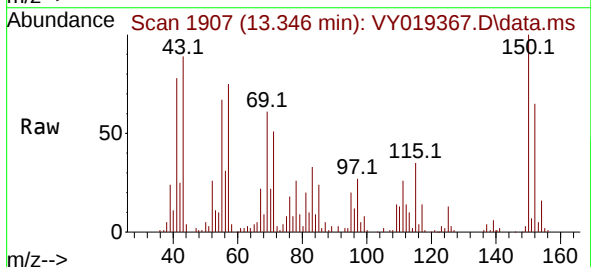
Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

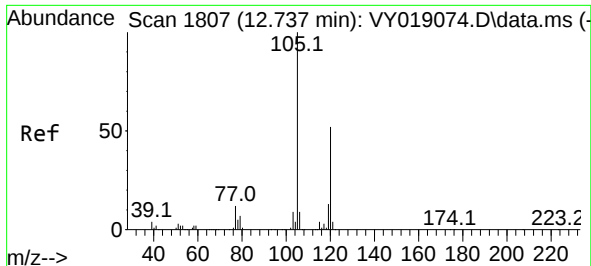
Tgt Ion:117	Resp:	44577
Ion Ratio	Lower	Upper
117	100	
82	52.4	42.4 63.6
119	31.0	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

Tgt Ion:152	Resp:	22670
Ion Ratio	Lower	Upper
152	100	
115	57.9	28.2 84.7
150	130.5	0.0 345.6

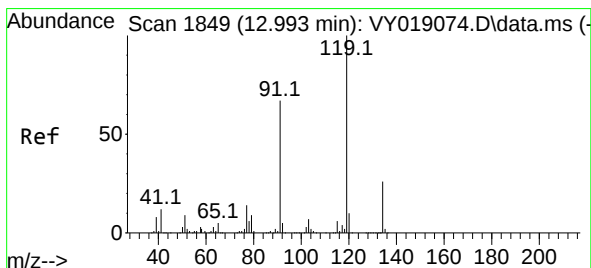
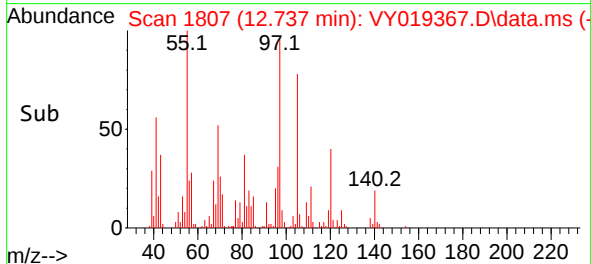
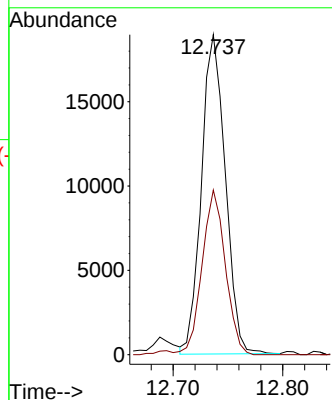
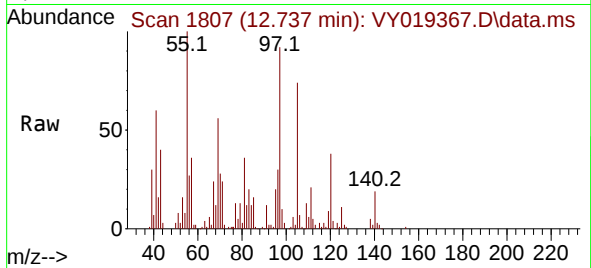




#80
1,3,5-Trimethylbenzene
Concen: 20.208 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

Instrument :
MSVOA_Y
ClientSampleId :
MH-21-VOC

Tgt Ion:105 Resp: 28605
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2



#83
tert-Butylbenzene
Concen: 1.632 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY019367.D
Acq: 29 Aug 2024 08:44

Tgt Ion:119 Resp: 2133
Ion Ratio Lower Upper
119 100
91 76.1 31.3 93.8
134 25.5 13.4 40.1

