

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061322\
 Data File : VW023467.D
 Acq On : 13 Jun 2022 10:00
 Operator : SY/VA
 Sample : N3226-14RE
 Misc : 6.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 14 01:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 14 01:31:49 2022
 Response via : Initial Calibration

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

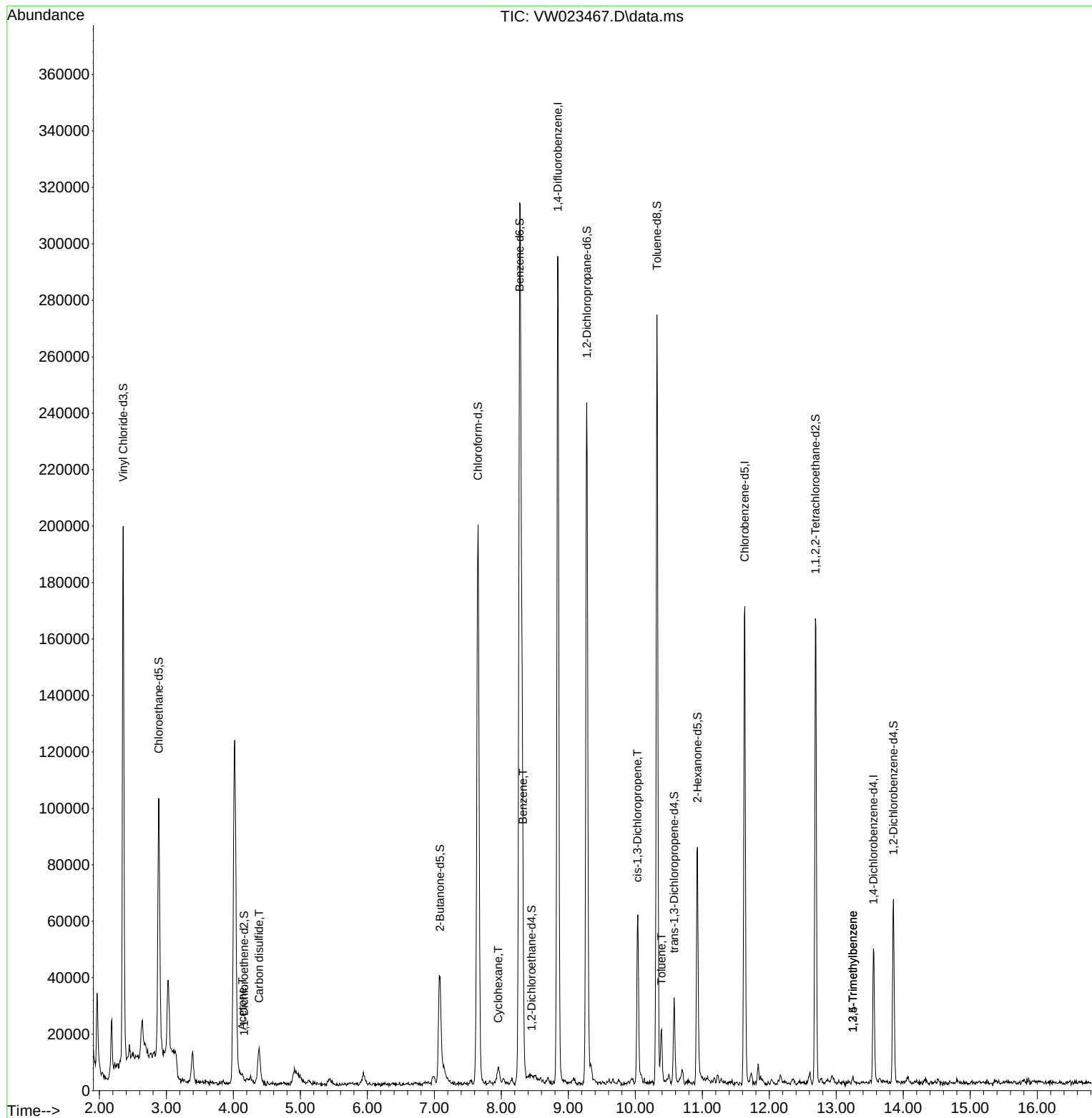
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	243404	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.634	117	92099	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	12010	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	141665	36.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 146.520%		
7) Chloroethane-d5		2.885	69	101138	35.580	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.320%		
11) 1,1-Dichloroethene-d2		4.160	63	124	0.023	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	= 0.080%#		
21) 2-Butanone-d5		7.086	46	64273	81.406	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 162.820%#		
24) Chloroform-d		7.653	84	194732	29.063	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 116.240%		
26) 1,2-Dichloroethane-d4		8.451	65	167	0.046	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.200%#		
32) Benzene-d6		8.275	84	320118	65.553	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 262.200%#		
36) 1,2-Dichloropropane-d6		9.274	67	107435	74.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 298.680%#		
41) Toluene-d8		10.323	98	174899	36.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 146.680%#		
43) trans-1,3-Dichloroprop...		10.579	79	16135	24.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.280%		
47) 2-Hexanone-d5		10.927	63	27324	118.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 237.700%#		
56) 1,1,2,2-Tetrachloroeth...		12.689	84	80384	59.821	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 239.280%#		
66) 1,2-Dichlorobenzene-d4		13.853	152	15546	35.857	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 143.440%#		
Target Compounds							Qvalue
13) Acetone		4.135	43	1715	3.015	ug/L	73
14) Carbon disulfide		4.385	76	26674	3.272	ug/L	100
29) Cyclohexane		7.952	56	1891	1.019	ug/L	# 58
33) Benzene		8.323	78	8484	1.595	ug/L	100
39) cis-1,3-Dichloropropene		10.030	75	2198	1.103	ug/L	92
42) Toluene		10.390	91	12834	2.159	ug/L	98
62) 1,3,5-Trimethylbenzene		13.249	105	1077	0.766	ug/L	95
63) 1,2,4-Trimethylbenzene		13.249	105	1077	0.765	ug/L	92

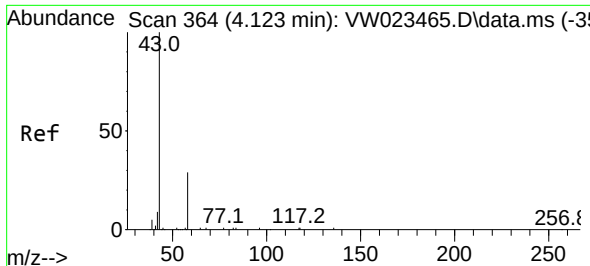
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

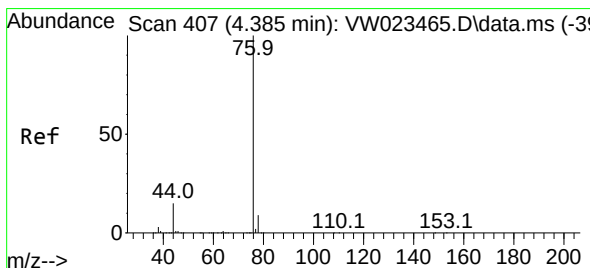
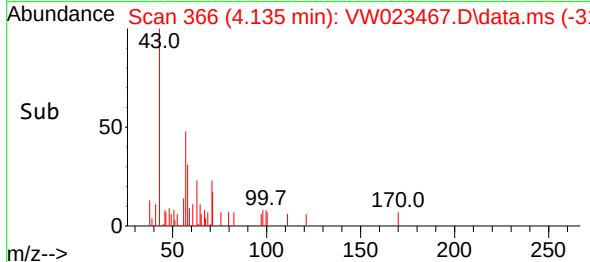
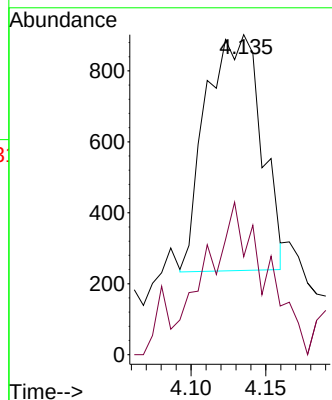
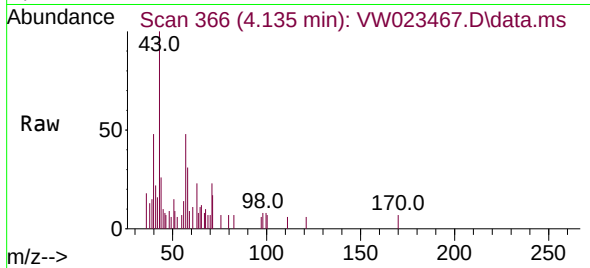




#13
Acetone
Concen: 3.015 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW023467.D
Acq: 13 Jun 2022 10:00

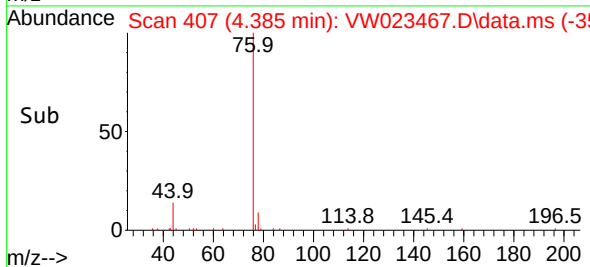
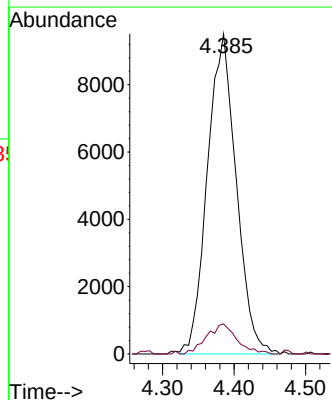
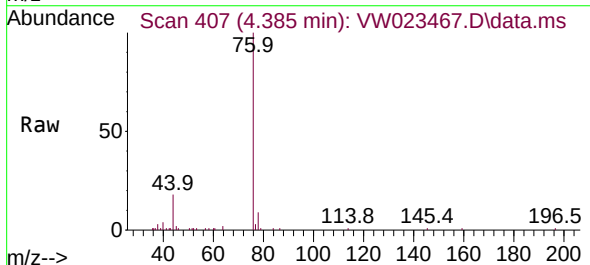
Instrument :
MSVOA_W
ClientSampleId :

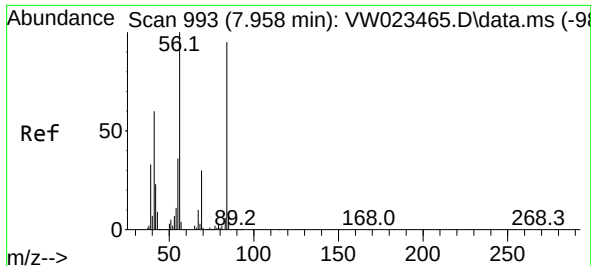
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 47.3 0.0 64.0



#14
Carbon disulfide
Concen: 3.272 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW023467.D
Acq: 13 Jun 2022 10:00

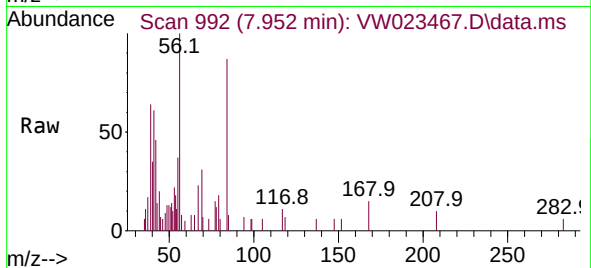
Tgt Ion: 76 Resp: 26674
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5



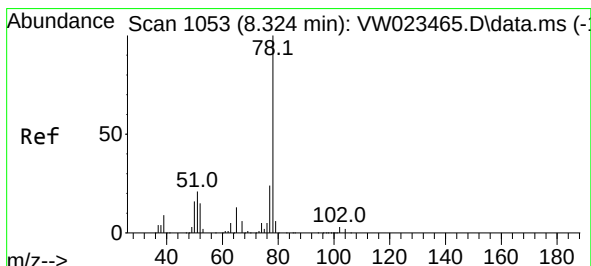
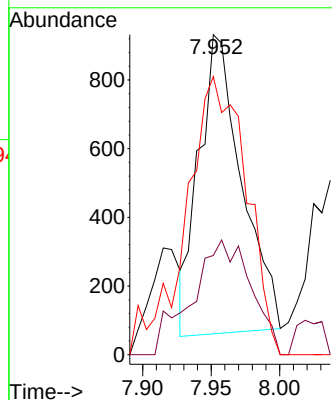
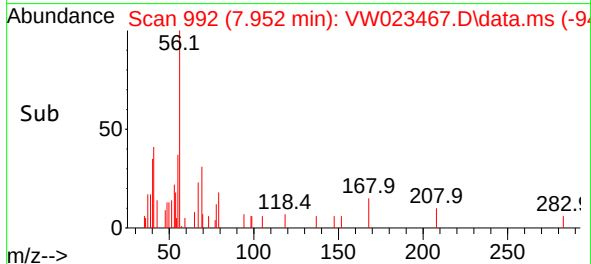


#29
Cyclohexane
Concen: 1.019 ug/L
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW023467.D
Acq: 13 Jun 2022 10:00

Instrument :
MSVOA_W
ClientSampleId :

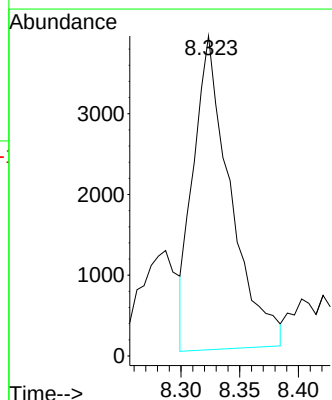
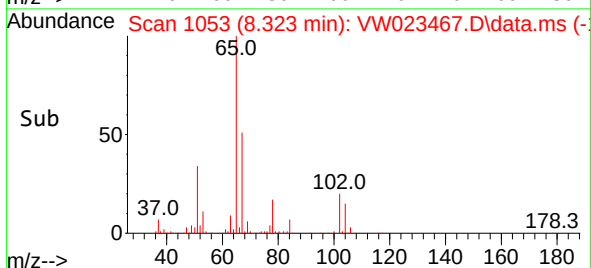
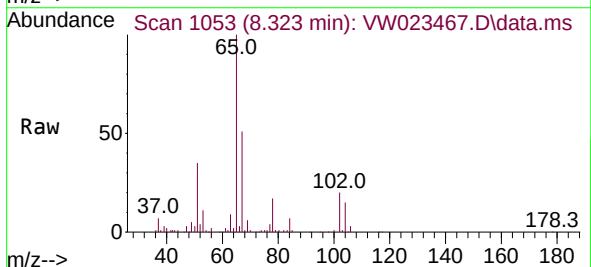


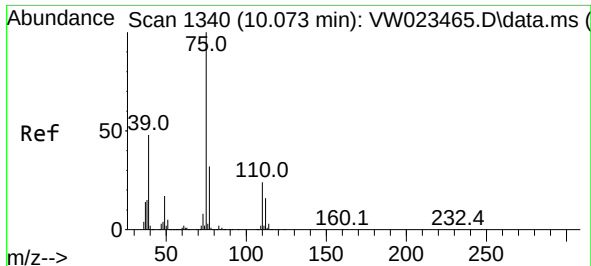
Tgt Ion: 56 Resp: 1891
Ion Ratio Lower Upper
56 100
69 48.6 25.6 38.4#
84 52.8 78.2 117.4#



#33
Benzene
Concen: 1.595 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023467.D
Acq: 13 Jun 2022 10:00

Tgt Ion: 78 Resp: 8484





#39

cis-1,3-Dichloropropene

Concen: 1.103 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW023467.D

Acq: 13 Jun 2022 10:00

Instrument :

MSVOA_W

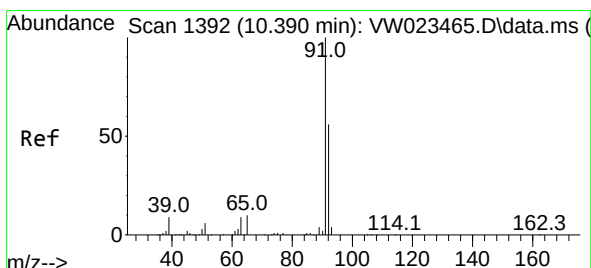
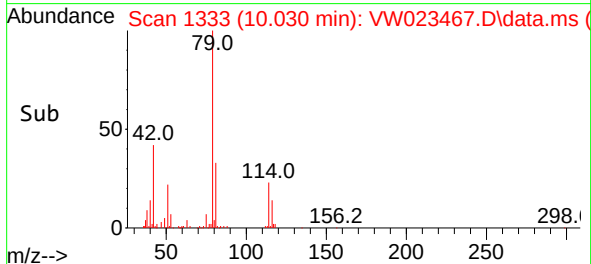
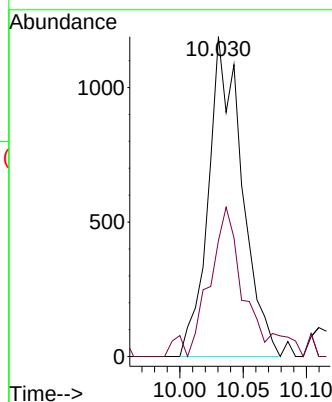
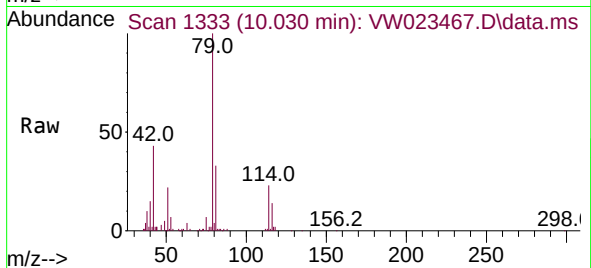
ClientSampleId :

Tgt Ion: 75 Resp: 2198

Ion Ratio Lower Upper

75 100

77 36.2 22.1 41.1



#42

Toluene

Concen: 2.159 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW023467.D

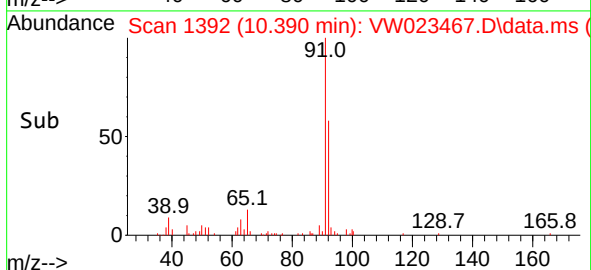
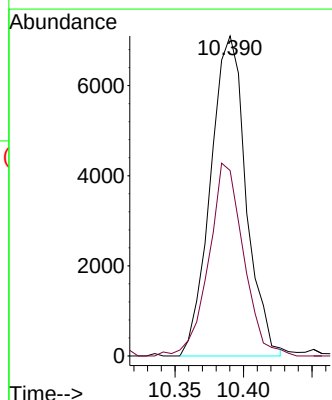
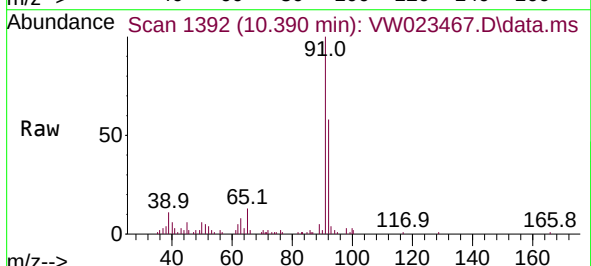
Acq: 13 Jun 2022 10:00

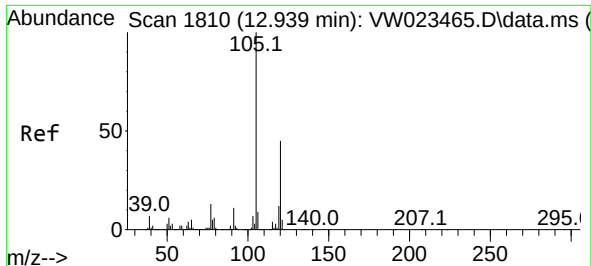
Tgt Ion: 91 Resp: 12834

Ion Ratio Lower Upper

91 100

92 58.0 41.6 77.2





#62

1,3,5-Trimethylbenzene

Concen: 0.766 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.311 min

Lab File: VW023467.D

Acq: 13 Jun 2022 10:00

Instrument :

MSVOA_W

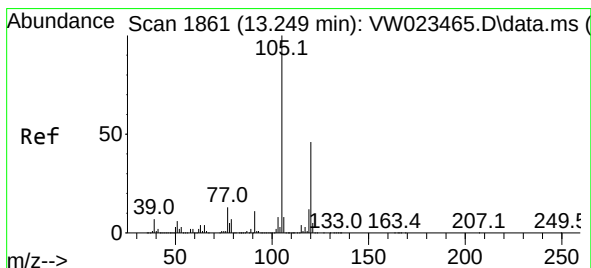
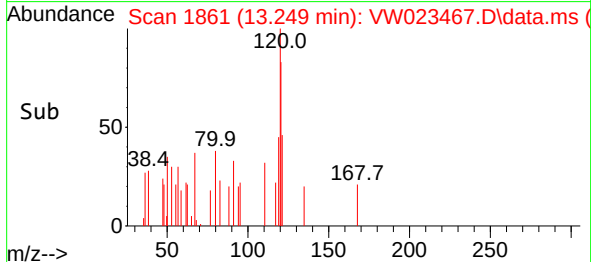
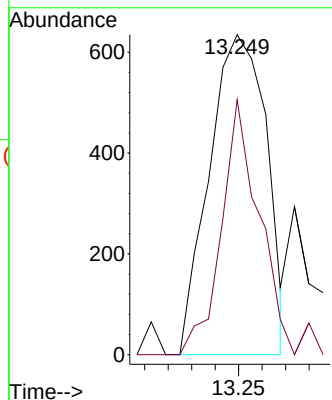
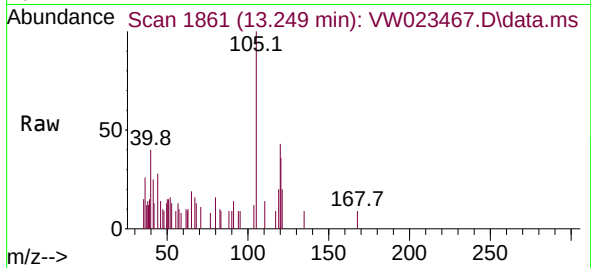
ClientSampleId :

Tgt Ion:105 Resp: 1077

Ion Ratio Lower Upper

105 100

120 52.3 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.765 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023467.D

Acq: 13 Jun 2022 10:00

Tgt Ion:105 Resp: 1077

Ion Ratio Lower Upper

105 100

120 52.3 37.4 56.2

