

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036077.D
 Acq On : 13 Jun 2024 22:12
 Operator : SY/MD
 Sample : P2856-10
 Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 03:09:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 02:40:50 2024
 Response via : Initial Calibration

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

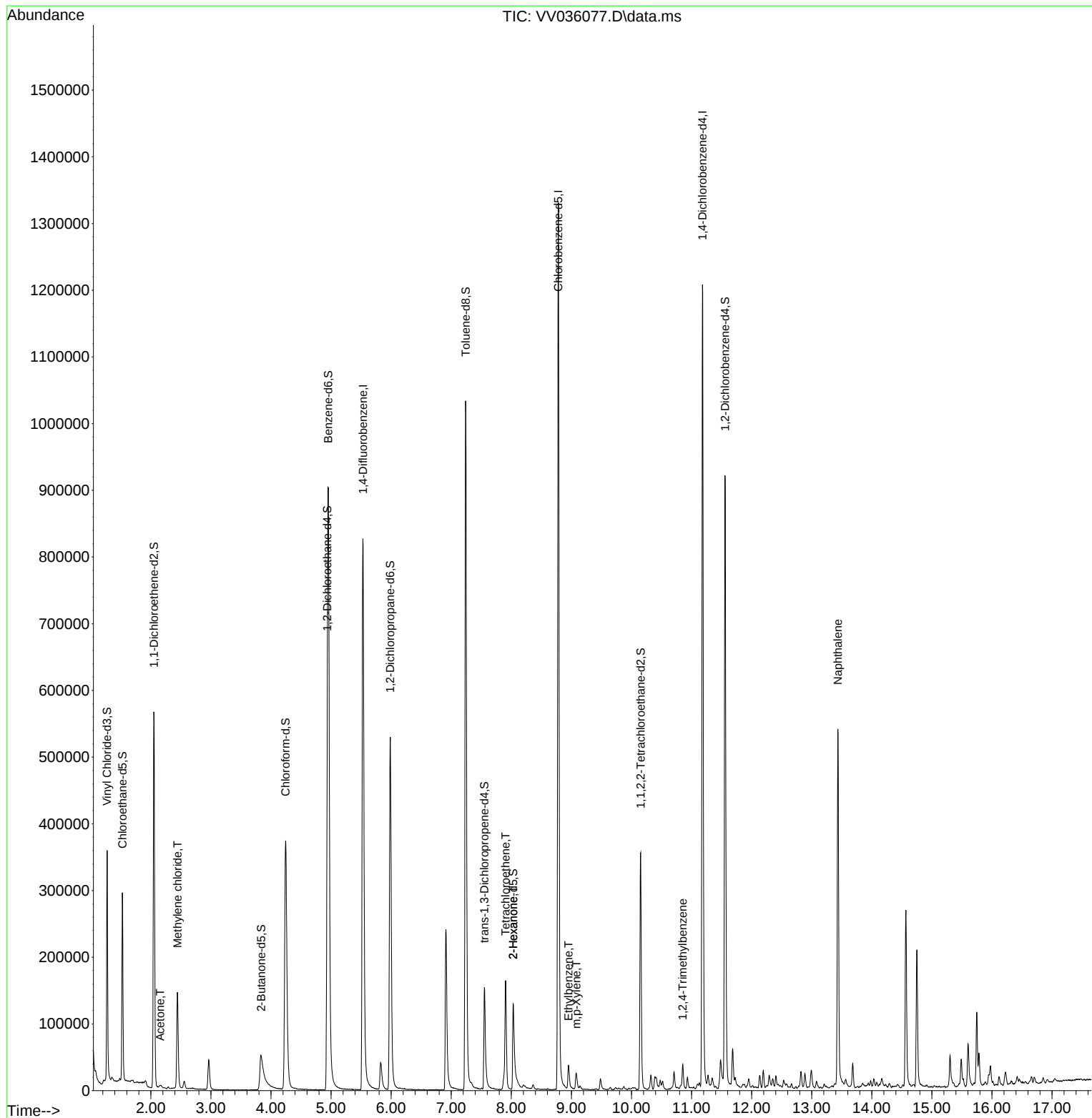
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	740152	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	747761	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	318254	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	236899	17.409	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.640%		
7) Chloroethane-d5	1.526	69	194127	17.891	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.560%		
11) 1,1-Dichloroethene-d2	2.050	65	99926	16.495	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.000%		
21) 2-Butanone-d5	3.838	46	63975	20.491	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	40.980%		
24) Chloroform-d	4.243	84	423461	17.996	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.000%		
26) 1,2-Dichloroethane-d4	4.937	65	229874	18.632	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.520%		
32) Benzene-d6	4.953	84	848973	19.100	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.400%		
36) 1,2-Dichloropropane-d6	5.985	67	276449	19.750	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.000%		
41) Toluene-d8	7.239	98	711615	18.145	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.560%		
43) trans-1,3-Dichloroprop...	7.551	79	101038	17.605	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.400%		
47) 2-Hexanone-d5	8.030	63	55861	29.456	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	58.920%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	178722	17.087	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	68.360%		
66) 1,2-Dichlorobenzene-d4	11.558	152	238560	20.441	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.760%		
Target Compounds					Qvalue	
13) Acetone	2.153	43	9181	1.888	ug/L	92
16) Methylene chloride	2.442	84	66048	3.944	ug/L	97
46) Tetrachloroethene	7.905	164	38527	3.514	ug/L	97
48) 2-Hexanone	8.030	43	5982	1.097	ug/L #	69
52) Ethylbenzene	8.953	91	27597	0.516	ug/L	99
53) m,p-Xylene	9.082	106	7622	0.379	ug/L	92
63) 1,2,4-Trimethylbenzene	10.853	105	18975	0.595	ug/L	98
71) Naphthalene	13.435	128	428766	20.804	ug/L	100

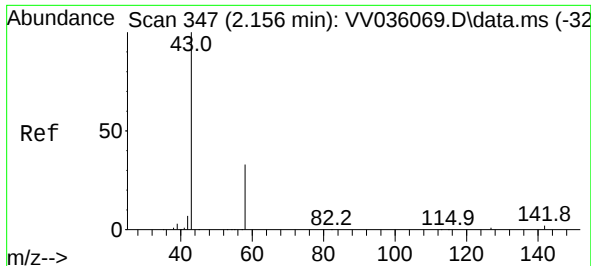
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 14 03:09:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 02:40:50 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.888 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV036077.D

Acq: 13 Jun 2024 22:12

Instrument :

MSVOA_V

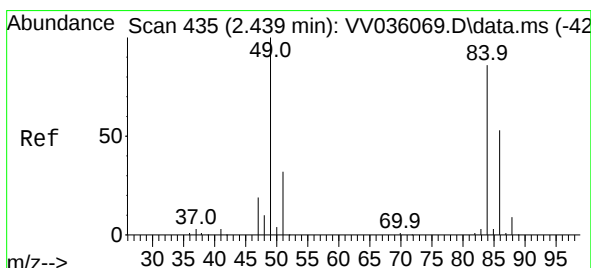
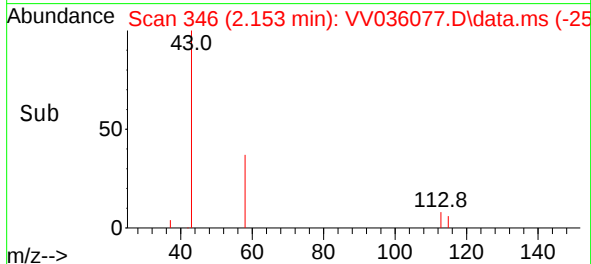
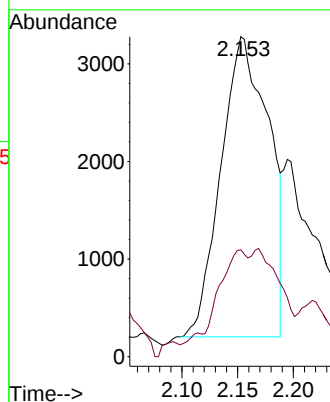
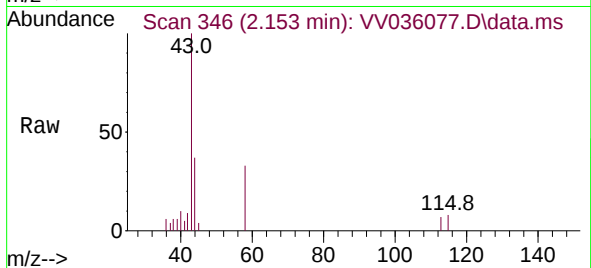
ClientSampleId :

Tgt Ion: 43 Resp: 9181

Ion Ratio Lower Upper

43 100

58 15.2 0.0 24.2



#16

Methylene chloride

Concen: 3.944 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036077.D

Acq: 13 Jun 2024 22:12

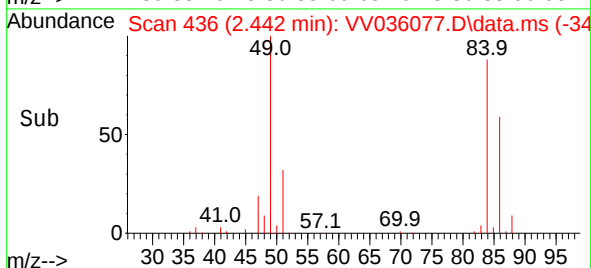
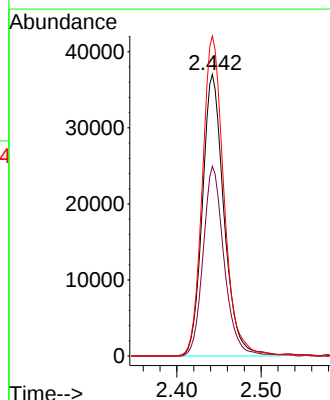
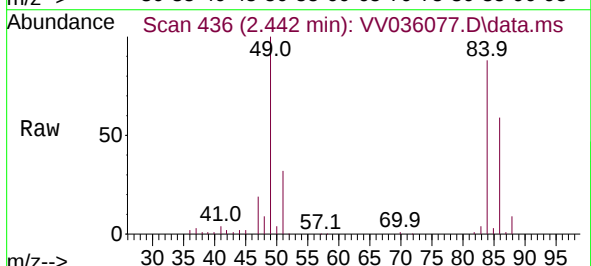
Tgt Ion: 84 Resp: 66048

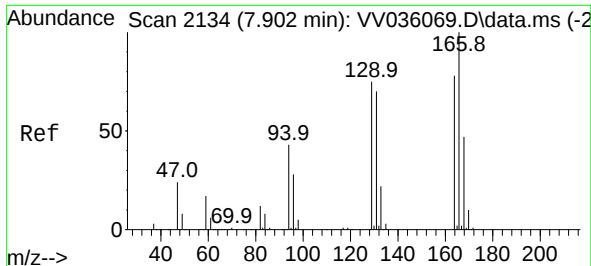
Ion Ratio Lower Upper

84 100

86 67.4 44.6 82.8

49 113.7 81.1 150.5





#46

Tetrachloroethene

Concen: 3.514 ug/L

RT: 7.905 min Scan# 2134

Delta R.T. 0.003 min

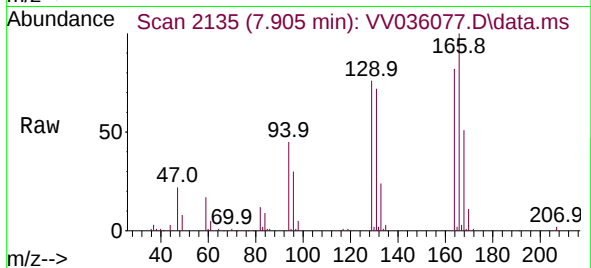
Lab File: VV036077.D

Acq: 13 Jun 2024 22:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 38527

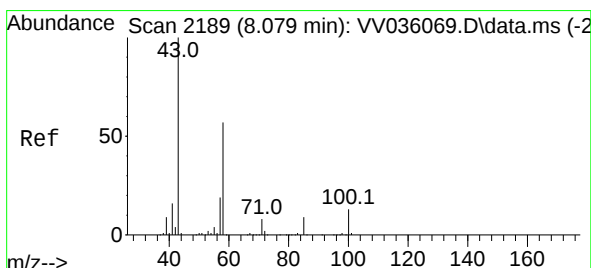
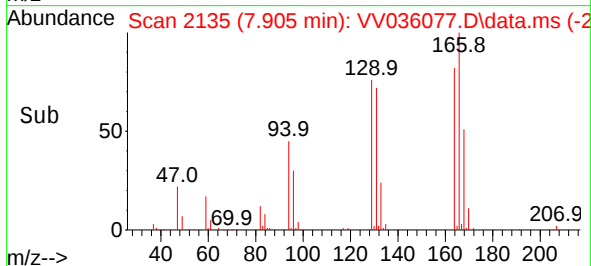
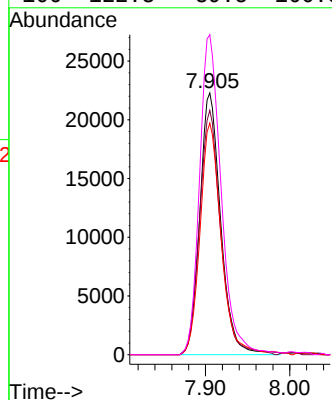
Ion Ratio Lower Upper

164 100

129 93.3 64.6 120.0

131 88.4 63.2 117.4

166 122.3 89.5 166.3



#48

2-Hexanone

Concen: 1.097 ug/L

RT: 8.030 min Scan# 2174

Delta R.T. -0.048 min

Lab File: VV036077.D

Acq: 13 Jun 2024 22:12

Tgt Ion: 43 Resp: 5982

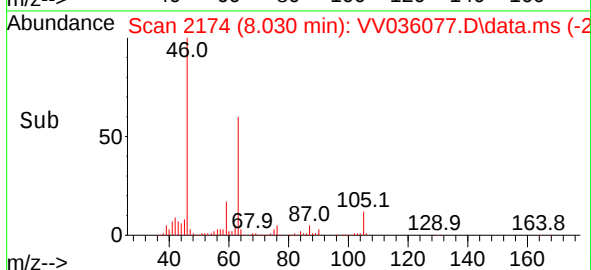
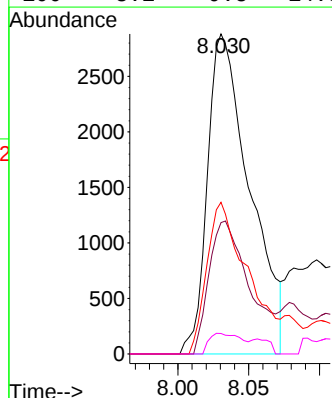
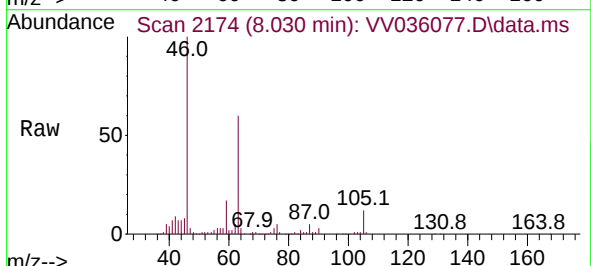
Ion Ratio Lower Upper

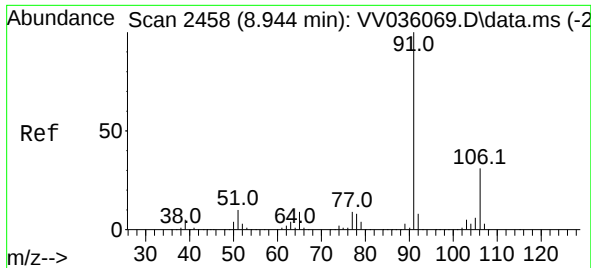
43 100

58 40.0 45.4 68.0#

57 46.2 15.8 23.8#

100 3.1 9.8 14.8#





#52

Ethylbenzene

Concen: 0.516 ug/L

RT: 8.953 min Scan# 2458

Delta R.T. 0.010 min

Lab File: VV036077.D

Acq: 13 Jun 2024 22:12

Instrument :

MSVOA_V

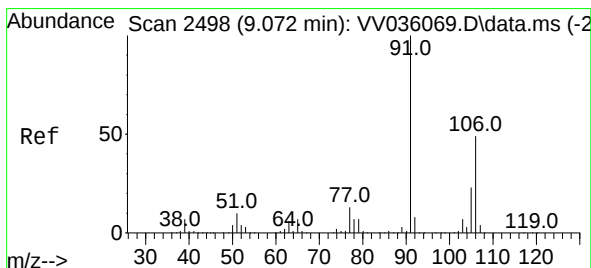
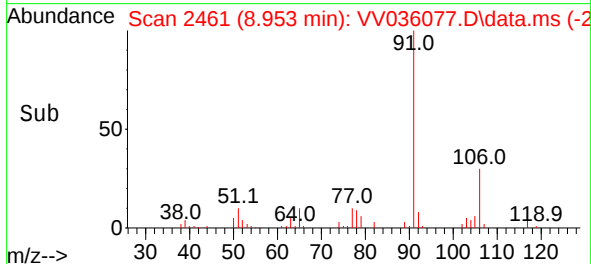
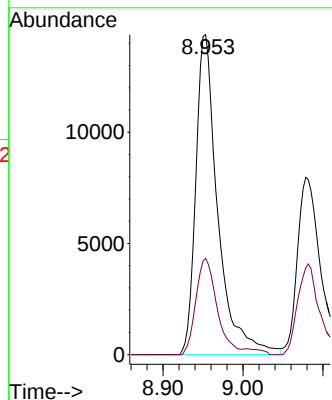
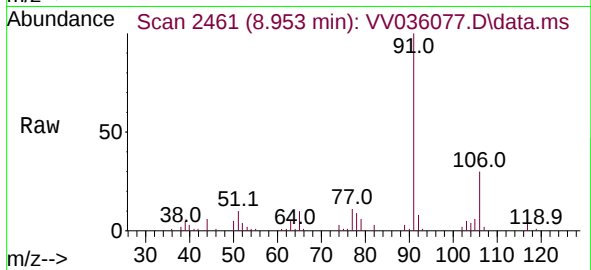
ClientSampleId :

Tgt Ion: 91 Resp: 27597

Ion Ratio Lower Upper

91 100

106 30.1 21.6 40.0



#53

m,p-Xylene

Concen: 0.379 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV036077.D

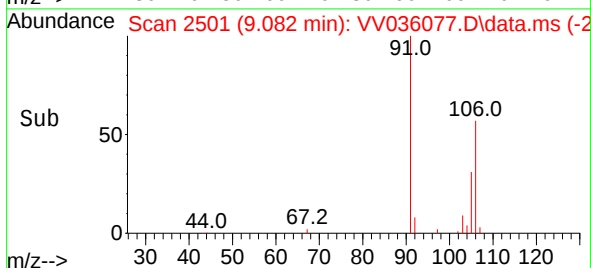
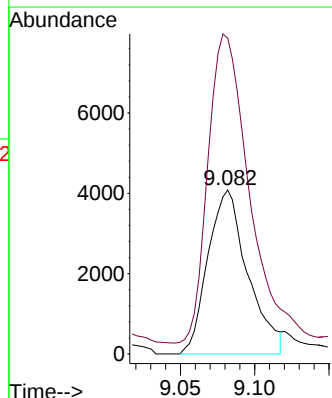
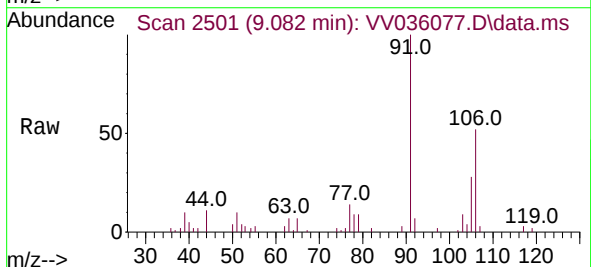
Acq: 13 Jun 2024 22:12

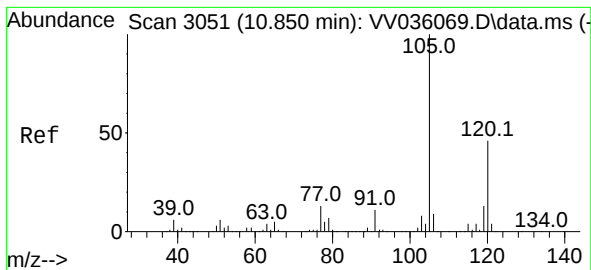
Tgt Ion:106 Resp: 7622

Ion Ratio Lower Upper

106 100

91 192.6 143.1 265.9





#63

1,2,4-Trimethylbenzene

Concen: 0.595 ug/L

RT: 10.853 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036077.D

Acq: 13 Jun 2024 22:12

Instrument :

MSVOA_V

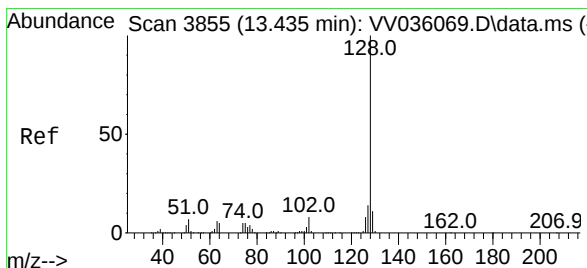
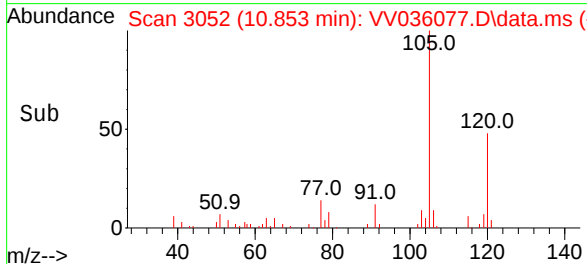
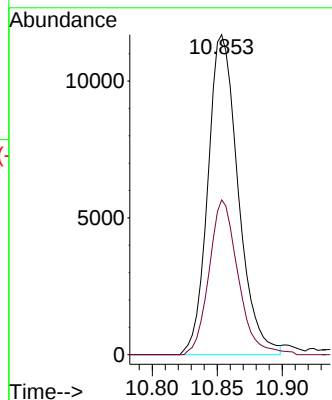
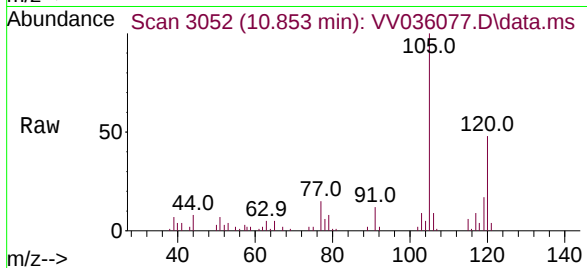
ClientSampleId :

Tgt Ion:105 Resp: 18975

Ion Ratio Lower Upper

105 100

120 46.3 36.2 54.4



#71

Naphthalene

Concen: 20.804 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036077.D

Acq: 13 Jun 2024 22:12

Tgt Ion:128 Resp: 428766

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.8 13.2

