

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037677.D
 Acq On : 30 Sep 2024 23:30
 Operator : SY/MD
 Sample : P4228-02
 Misc : 5.20g/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 01 07:47:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

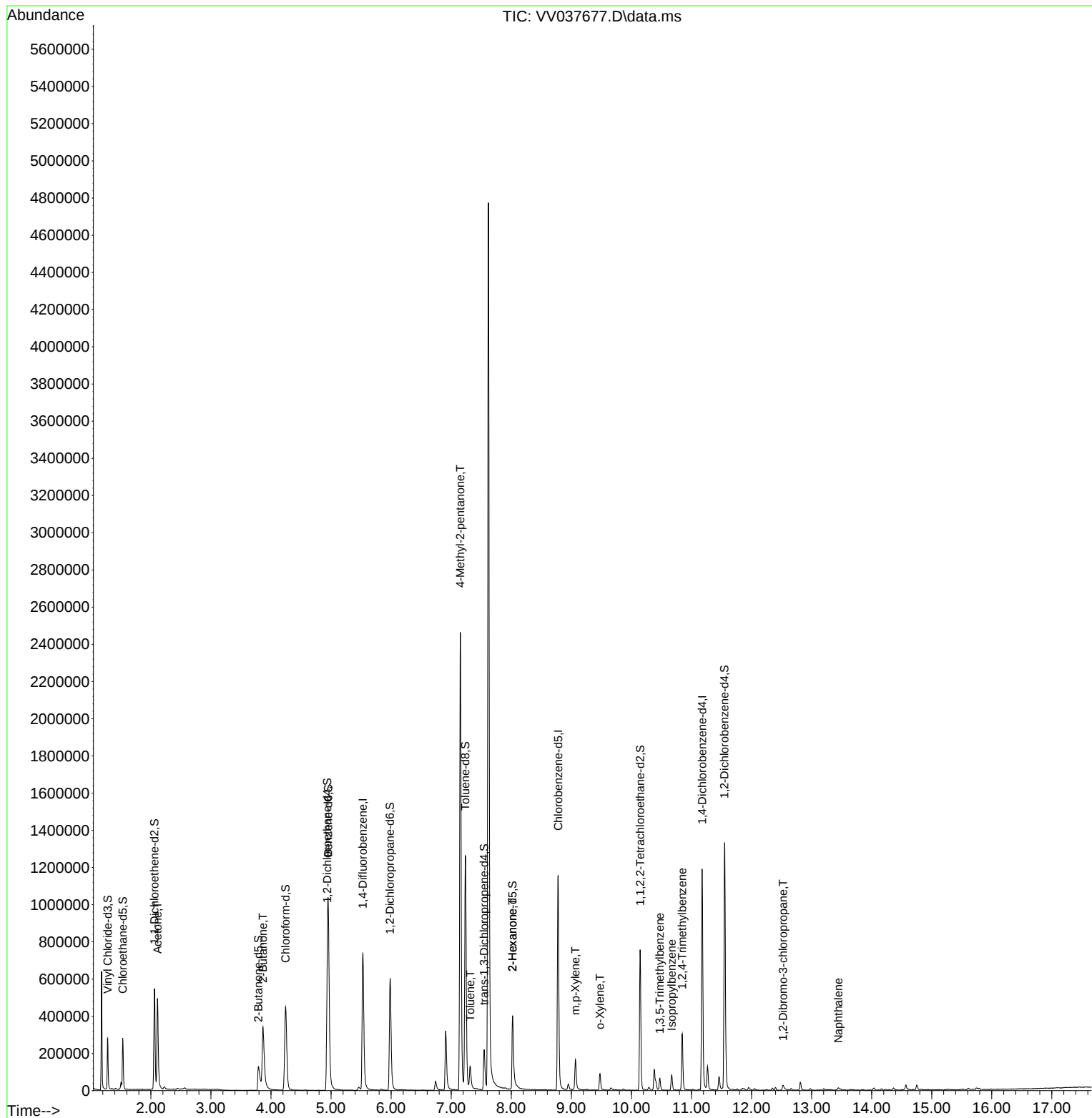
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	661445	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	635441	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	321404	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	187315	32.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.520%		
7) Chloroethane-d5	1.532	69	173442	38.483	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.960%		
11) 1,1-Dichloroethene-d2	2.059	65	91395	37.675	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.360%		
21) 2-Butanone-d5	3.789	46	216478	104.673	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.670%		
24) Chloroform-d	4.243	84	480352	46.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
26) 1,2-Dichloroethane-d4	4.937	65	293407	48.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.040%		
32) Benzene-d6	4.953	84	910621	45.796	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.600%		
36) 1,2-Dichloropropane-d6	5.982	67	304488	48.089	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.180%		
41) Toluene-d8	7.236	98	856441	47.500	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.000%		
43) trans-1,3-Dichloroprop...	7.548	79	130965	44.526	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.060%		
47) 2-Hexanone-d5	8.021	63	140771	105.289	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.290%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	361168	49.092	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.180%		
66) 1,2-Dichlorobenzene-d4	11.551	152	348851	51.509	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.020%		
Target Compounds						Qvalue
13) Acetone	2.111	43	511703	252.393	ug/L	99
22) 2-Butanone	3.866	43	518267	230.955	ug/L	99
40) 4-Methyl-2-pentanone	7.152	43	1542715	382.874	ug/L	100
42) Toluene	7.316	91	94230	4.743	ug/L	99
48) 2-Hexanone	8.021	43	17660	5.637	ug/L #	73
53) m,p-Xylene	9.069	106	46514	5.589	ug/L	95
54) o-Xylene	9.477	106	24396	3.002	ug/L	99
60) Isopropylbenzene	10.670	105	51194	2.450	ug/L	92
62) 1,3,5-Trimethylbenzene	10.474	105	34906	2.113	ug/L	96
63) 1,2,4-Trimethylbenzene	10.847	105	168770	10.268	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.525	75	1626	1.465	ug/L #	1
71) Naphthalene	13.445	128	13059	0.779	ug/L #	95

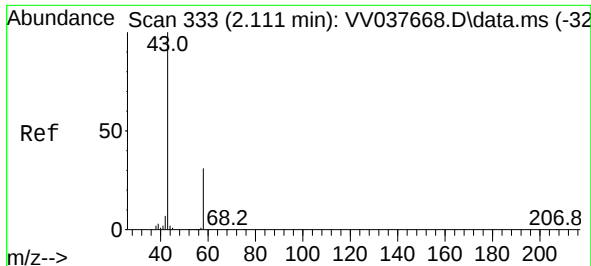
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 252.393 ug/L

RT: 2.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VV037677.D

Acq: 30 Sep 2024 23:30

Instrument :

MSVOA_V

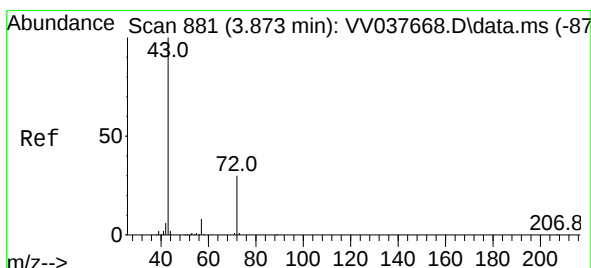
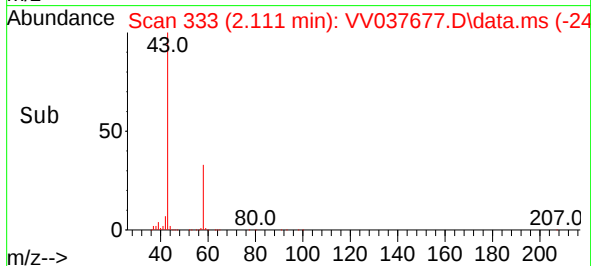
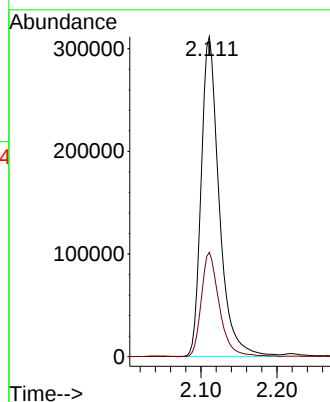
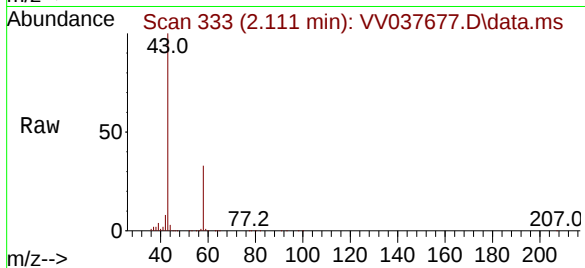
ClientSampleId :

Tgt Ion: 43 Resp: 511703

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.6



#22

2-Butanone

Concen: 230.955 ug/L

RT: 3.866 min Scan# 879

Delta R.T. -0.006 min

Lab File: VV037677.D

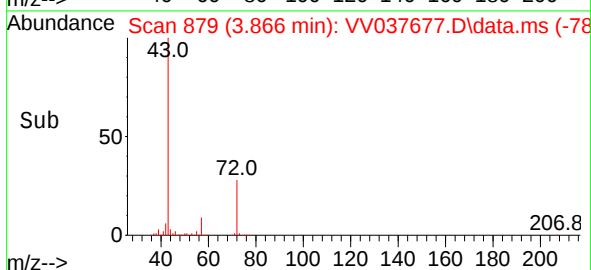
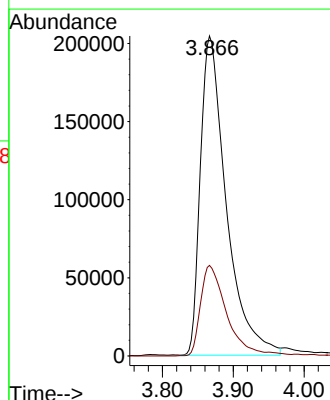
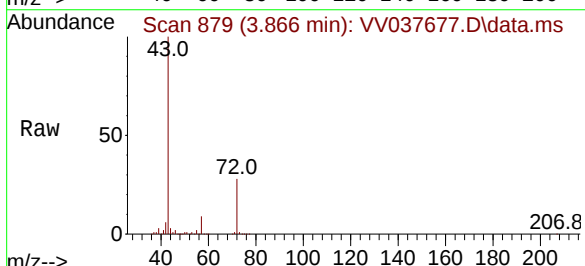
Acq: 30 Sep 2024 23:30

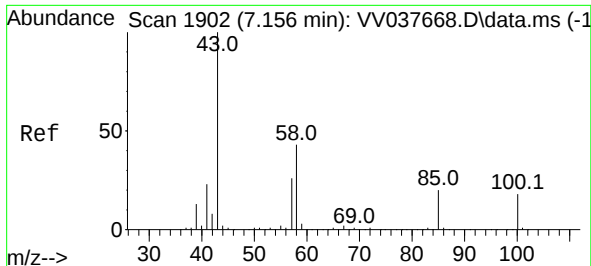
Tgt Ion: 43 Resp: 518267

Ion Ratio Lower Upper

43 100

72 28.0 14.3 42.9





#40

4-Methyl-2-pentanone

Concen: 382.874 ug/L

RT: 7.152 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV037677.D

Acq: 30 Sep 2024 23:30

Instrument :

MSVOA_V

ClientSampleId :

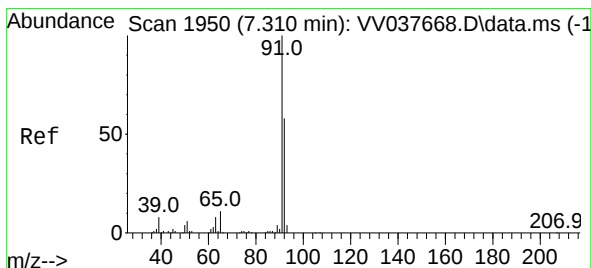
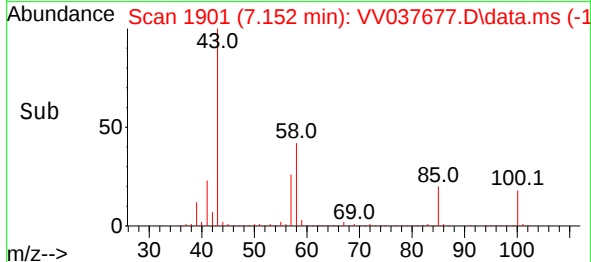
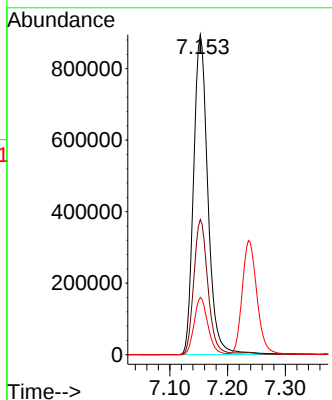
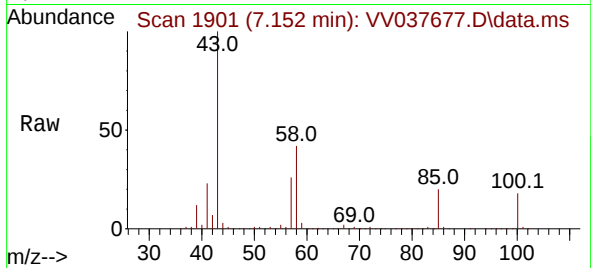
Tgt Ion: 43 Resp: 1542715

Ion Ratio Lower Upper

43 100

58 41.6 33.0 49.4

100 17.2 13.7 20.5



#42

Toluene

Concen: 4.743 ug/L

RT: 7.316 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV037677.D

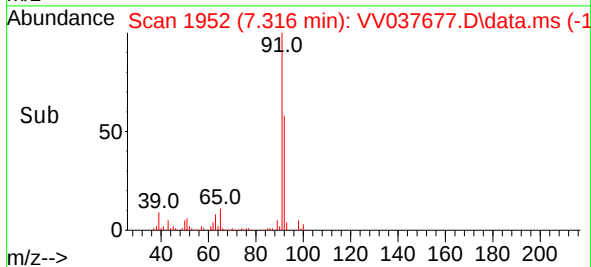
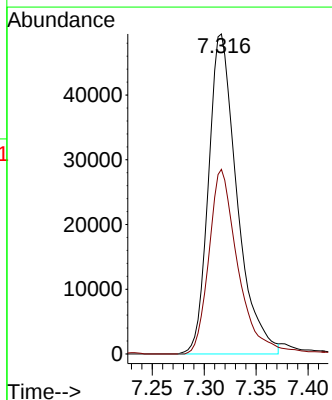
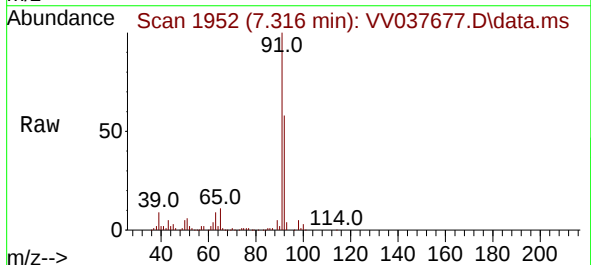
Acq: 30 Sep 2024 23:30

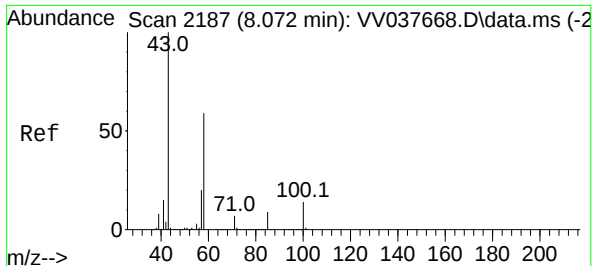
Tgt Ion: 91 Resp: 94230

Ion Ratio Lower Upper

91 100

92 57.7 41.1 76.3





#48

2-Hexanone

Concen: 5.637 ug/L

RT: 8.021 min Scan# 2187

Delta R.T. -0.051 min

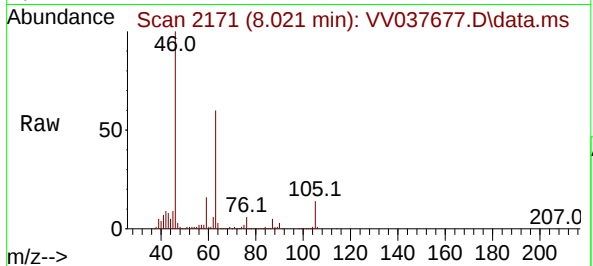
Lab File: VV037677.D

Acq: 30 Sep 2024 23:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 17660

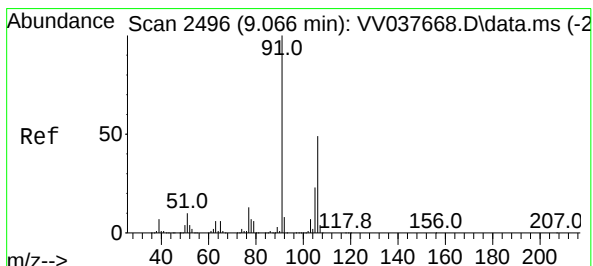
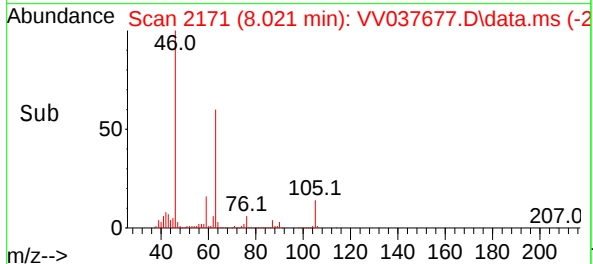
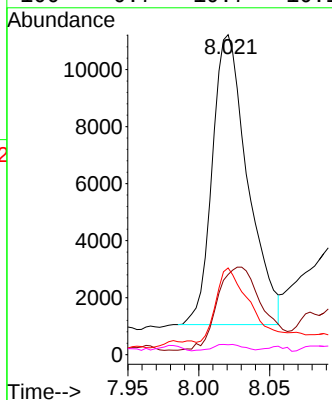
Ion Ratio Lower Upper

43 100

58 35.9 46.5 69.7#

57 24.8 15.1 22.7#

100 0.7 10.7 16.1#



#53

m,p-Xylene

Concen: 5.589 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037677.D

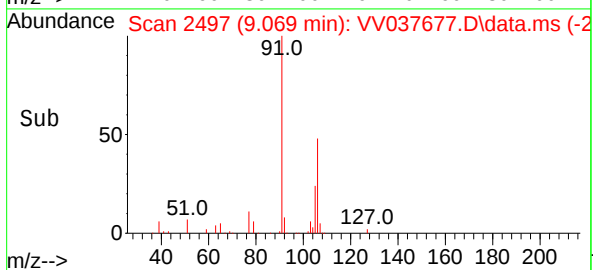
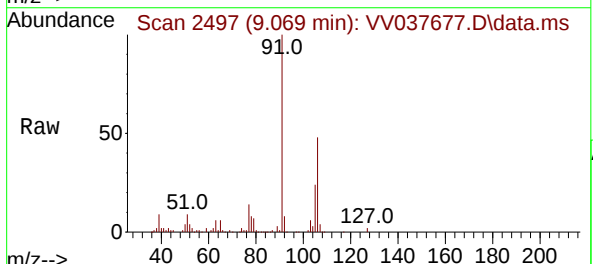
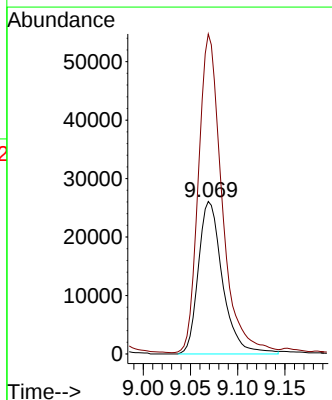
Acq: 30 Sep 2024 23:30

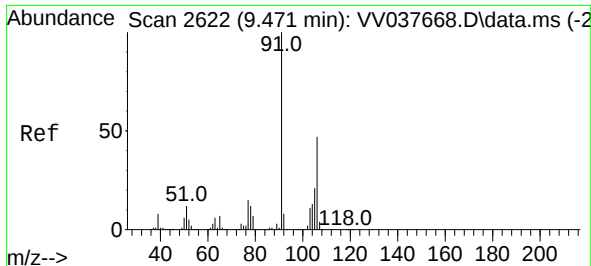
Tgt Ion:106 Resp: 46514

Ion Ratio Lower Upper

106 100

91 209.9 142.0 263.6

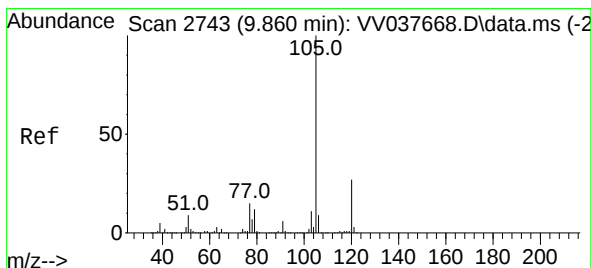
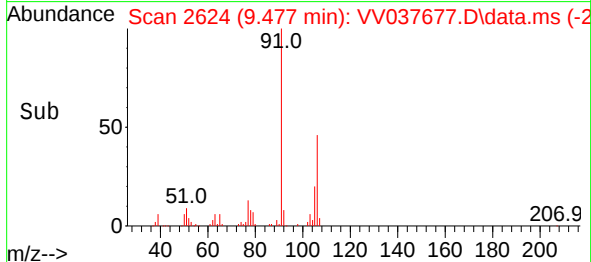
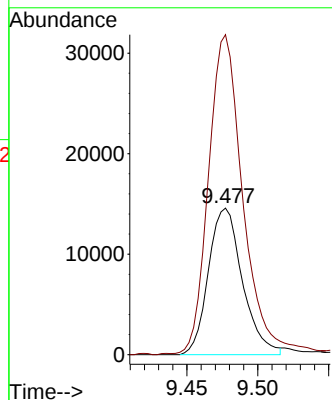
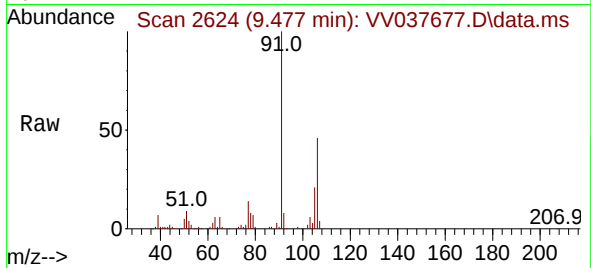




#54
o-Xylene
Concen: 3.002 ug/L
RT: 9.477 min Scan# 2095
Delta R.T. 0.006 min
Lab File: VV037677.D
Acq: 30 Sep 2024 23:30

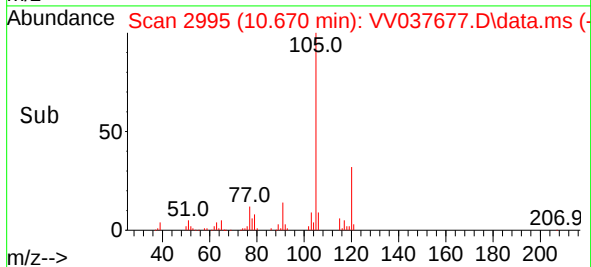
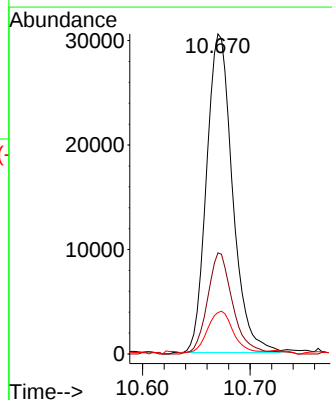
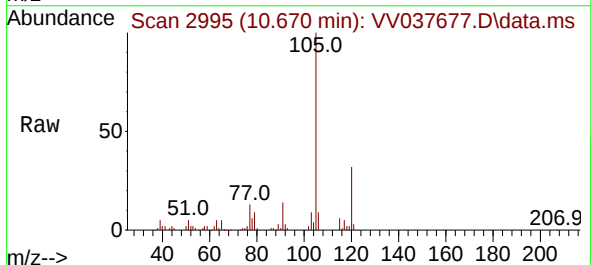
Instrument :
MSVOA_V
ClientSampleId :

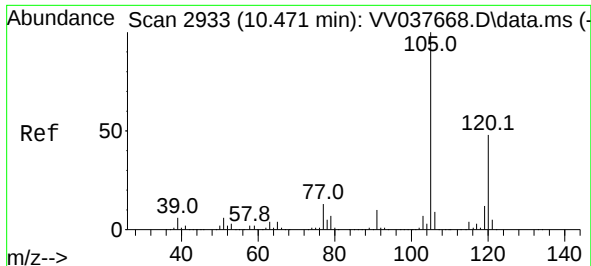
Tgt Ion:106 Resp: 24396
Ion Ratio Lower Upper
106 100
91 218.3 153.9 285.9



#60
Isopropylbenzene
Concen: 2.450 ug/L
RT: 10.670 min Scan# 2995
Delta R.T. 0.810 min
Lab File: VV037677.D
Acq: 30 Sep 2024 23:30

Tgt Ion:105 Resp: 51194
Ion Ratio Lower Upper
105 100
120 30.8 20.7 31.1
77 12.8 12.2 18.2





#62

1,3,5-Trimethylbenzene

Concen: 2.113 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037677.D

Acq: 30 Sep 2024 23:30

Instrument :

MSVOA_V

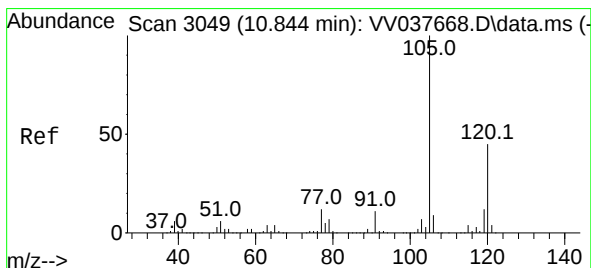
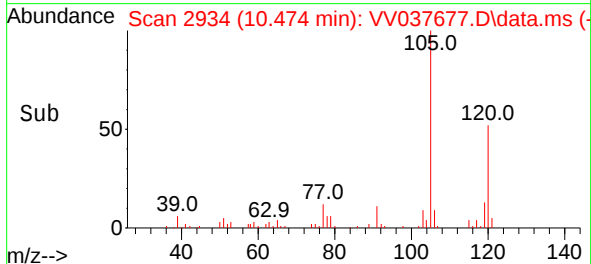
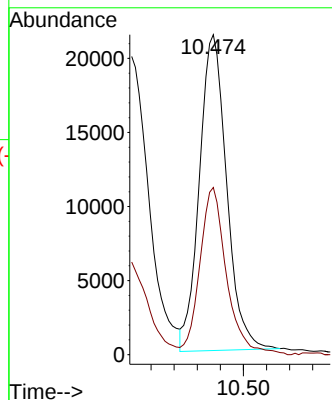
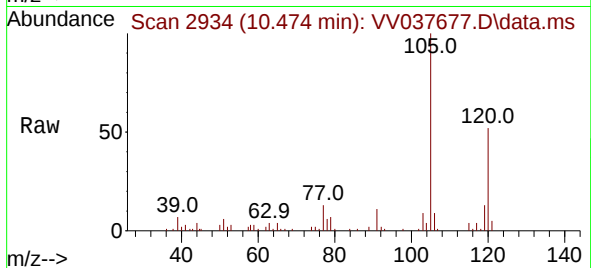
ClientSampleId :

Tgt Ion:105 Resp: 34906

Ion Ratio Lower Upper

105 100

120 52.0 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 10.268 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037677.D

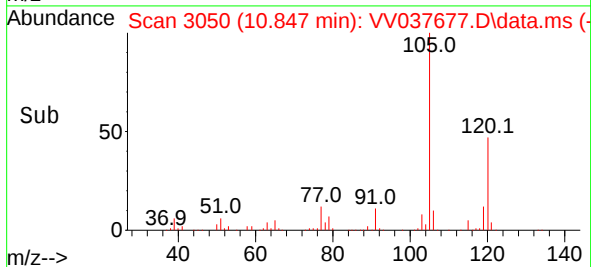
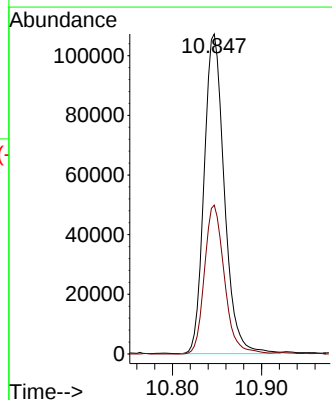
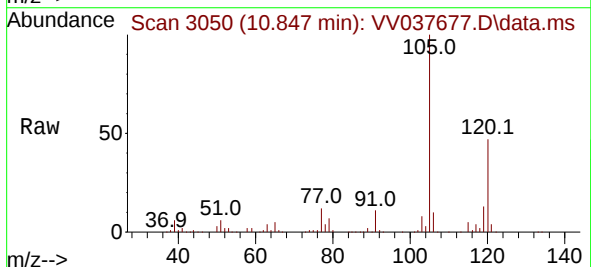
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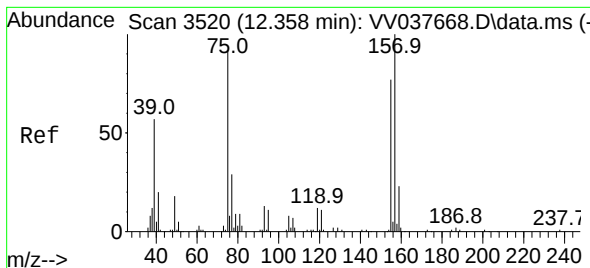
Tgt Ion:105 Resp: 168770

Ion Ratio Lower Upper

105 100

120 45.9 36.2 54.2





#68

1,2-Dibromo-3-chloropropane

Concen: 1.465 ug/L

RT: 12.525 min Scan# 3572

Delta R.T. 0.167 min

Lab File: VV037677.D

Acq: 30 Sep 2024 23:30

Instrument :

MSVOA_V

ClientSampleId :

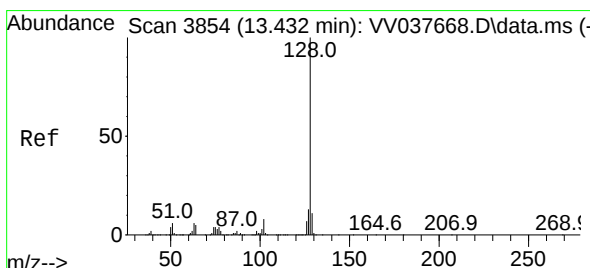
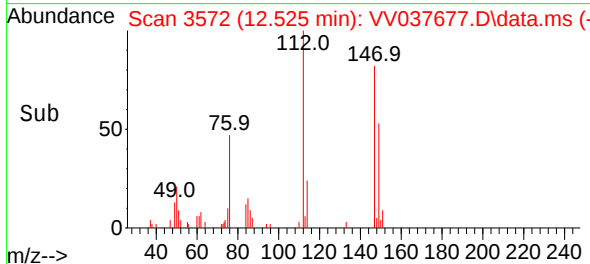
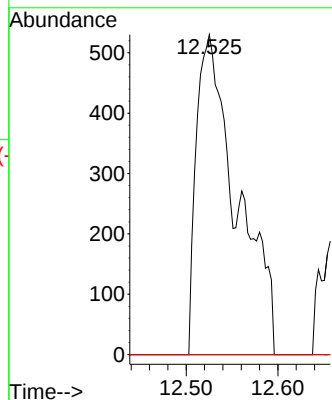
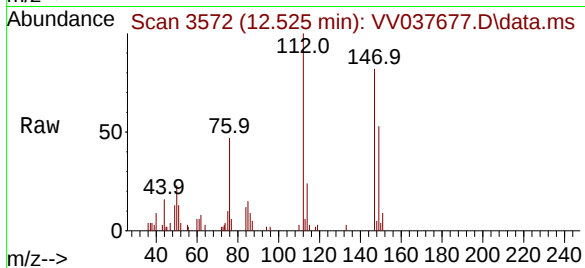
Tgt Ion: 75 Resp: 1626

Ion Ratio Lower Upper

75 100

155 0.0 66.2 99.4#

157 0.0 87.3 130.9#



#71

Naphthalene

Concen: 0.779 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.013 min

Lab File: VV037677.D

Acq: 30 Sep 2024 23:30

Tgt Ion: 128 Resp: 13059

Ion Ratio Lower Upper

128 100

127 10.1 10.2 15.4#

129 9.5 8.5 12.7

