

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
 Data File : VV032801.D
 Acq On : 31 Oct 2023 16:14
 Operator : SY/MD
 Sample : 05105-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 05:49:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:44:49 2023
 Response via : Initial Calibration

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

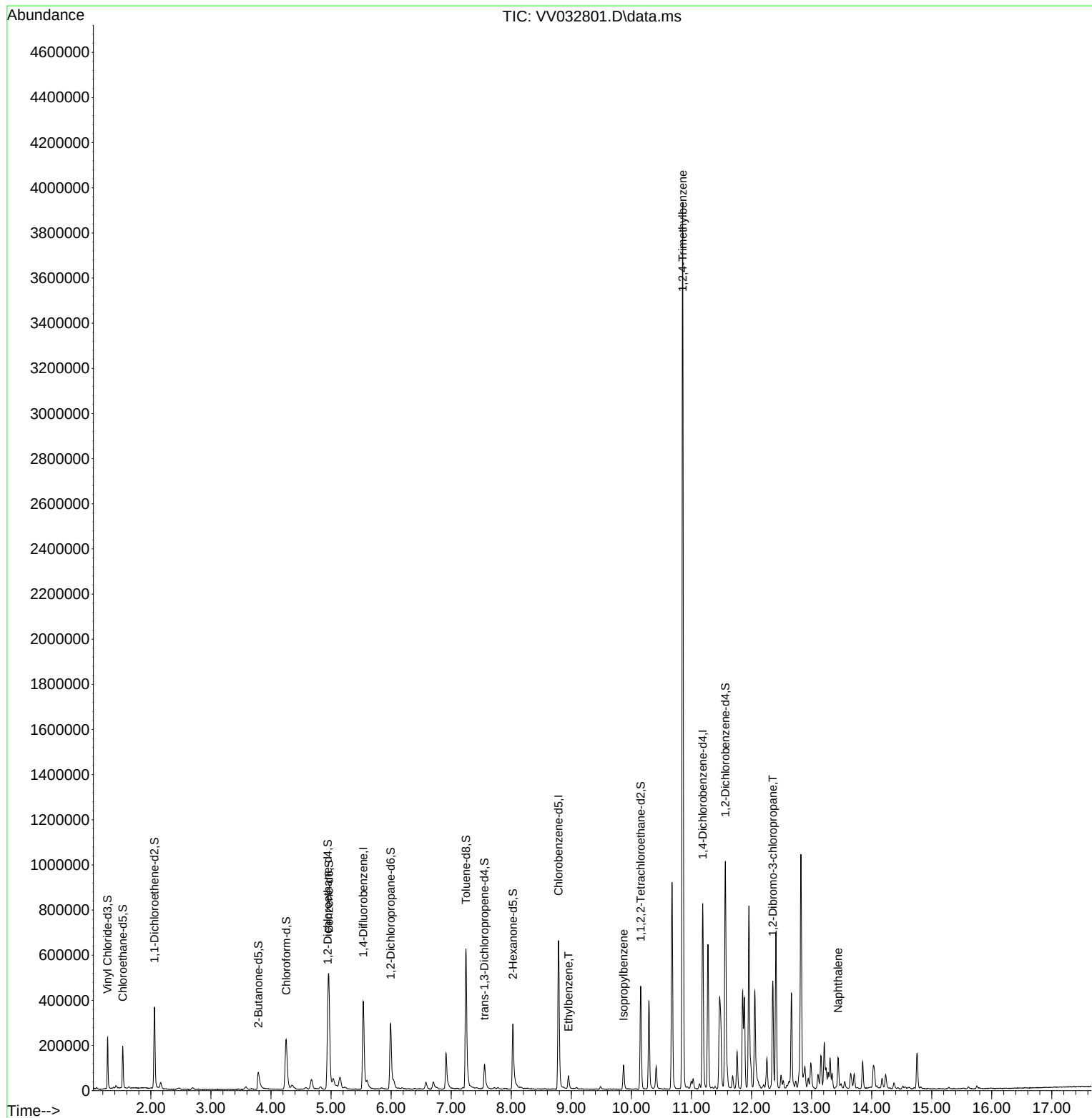
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	340843	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	376780	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	203961	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143339	44.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.440%
7) Chloroethane-d5	1.532	69	120971	44.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.240%
11) 1,1-Dichloroethene-d2	2.060	65	59579	44.494	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.980%
21) 2-Butanone-d5	3.790	46	127978	91.012	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.010%
24) Chloroform-d	4.253	84	233388	45.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.944	65	146523	45.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
32) Benzene-d6	4.963	84	451865	46.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	5.992	67	137022	46.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.120%
41) Toluene-d8	7.246	98	442262	46.364	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	7.555	79	67652	44.136	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.280%
47) 2-Hexanone-d5	8.027	63	100340	93.386	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.390%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	207157	46.384	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.760%
66) 1,2-Dichlorobenzene-d4	11.564	152	199767	50.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
Target Compounds						
					Qvalue	
52) Ethylbenzene	8.953	91	40436	3.222	ug/L	99
60) Isopropylbenzene	9.870	105	67892	5.489	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	1986883	213.394	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	2409	2.717	ug/L #	1
71) Naphthalene	13.442	128	106470	10.598	ug/L	99

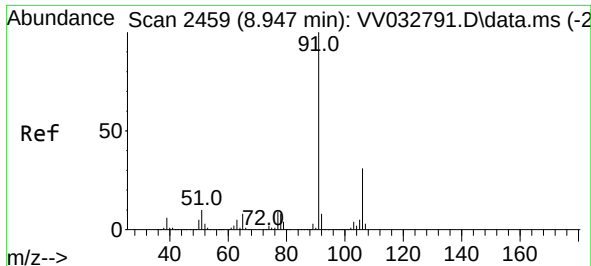
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 01 05:44:49 2023
Response via : Initial Calibration





#52

Ethylbenzene

Concen: 3.222 ug/L

RT: 8.953 min Scan# 2459

Delta R.T. 0.007 min

Lab File: VV032801.D

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Instrument :

MSVOA_V

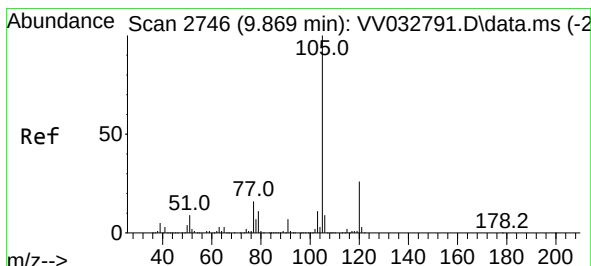
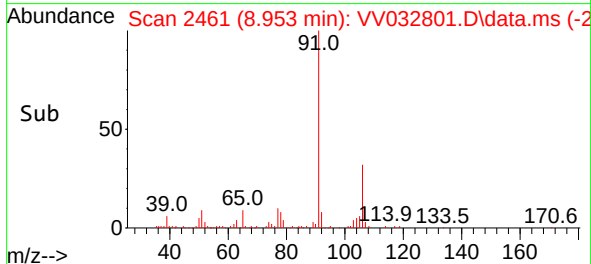
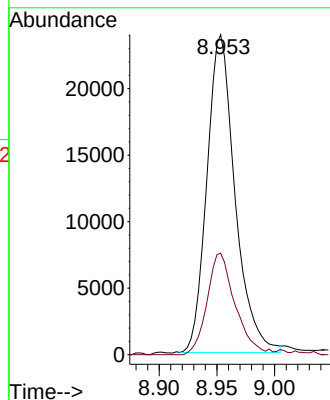
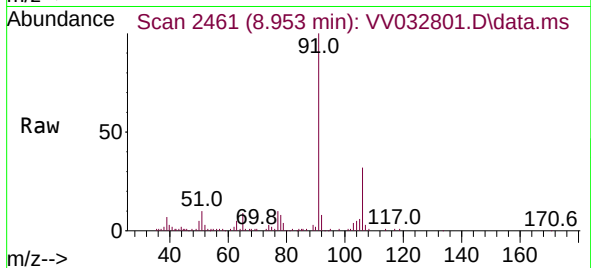
ClientSampleId :

Tgt Ion: 91 Resp: 40436

Ion Ratio Lower Upper

91 100

106 31.7 21.7 40.3



#60

Isopropylbenzene

Concen: 5.489 ug/L

RT: 9.870 min Scan# 2746

Delta R.T. 0.000 min

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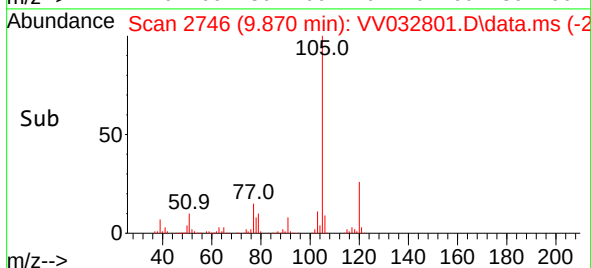
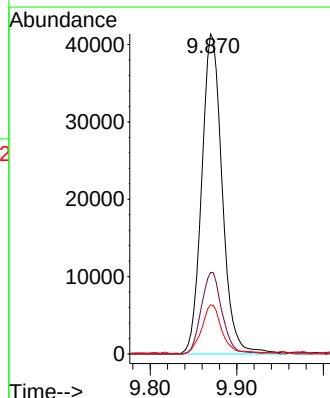
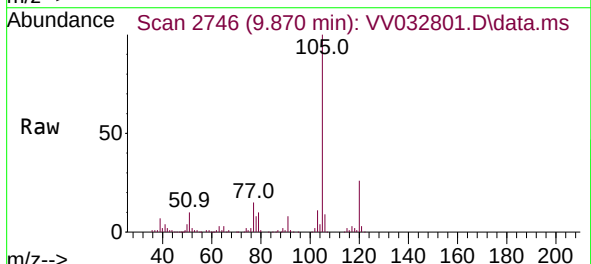
Tgt Ion: 105 Resp: 67892

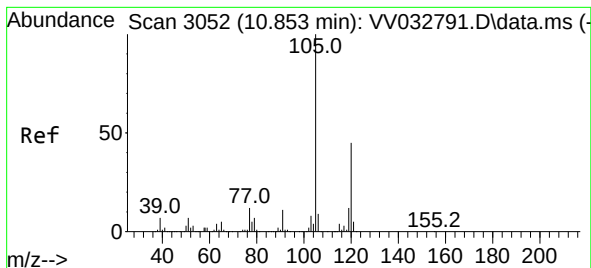
Ion Ratio Lower Upper

105 100

120 25.7 21.1 31.7

77 14.8 12.6 19.0





#63

1,2,4-Trimethylbenzene

Concen: 213.394 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

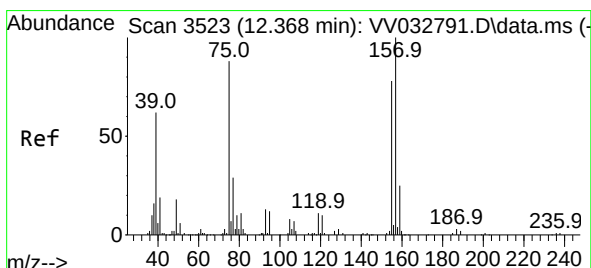
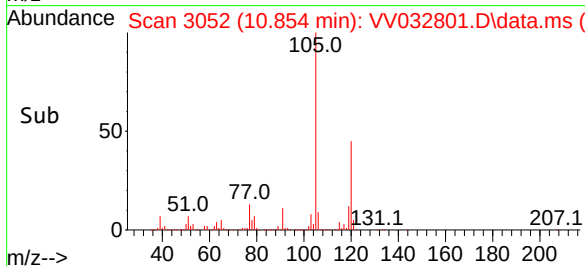
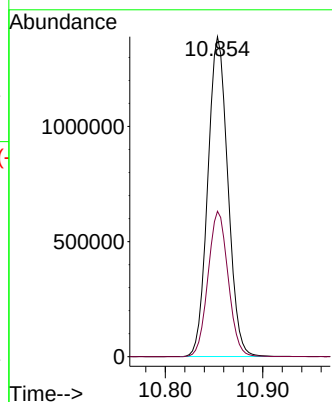
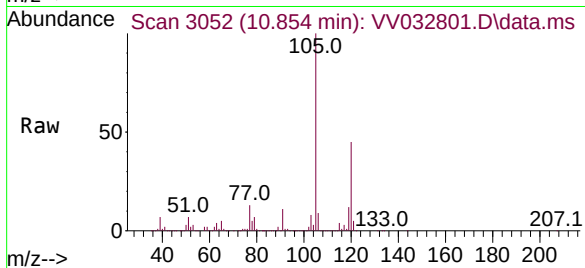
ClientSampleId :

Tgt Ion:105 Resp: 1986883

Ion Ratio Lower Upper

105 100

120 45.6 37.0 55.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.717 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.013 min

Lab File: VV032801.D

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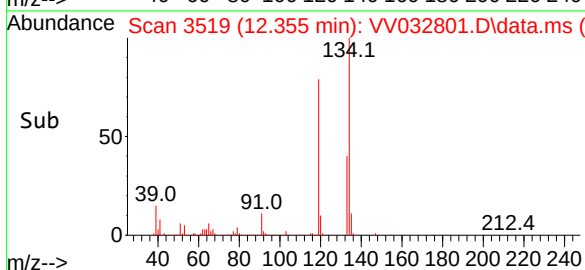
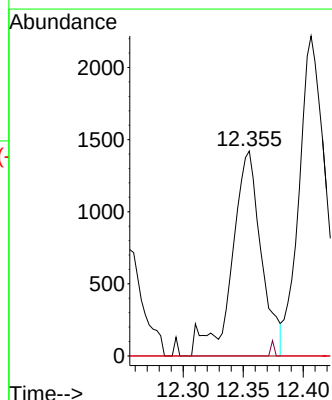
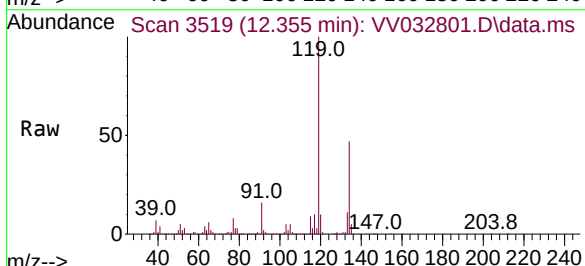
Tgt Ion: 75 Resp: 2409

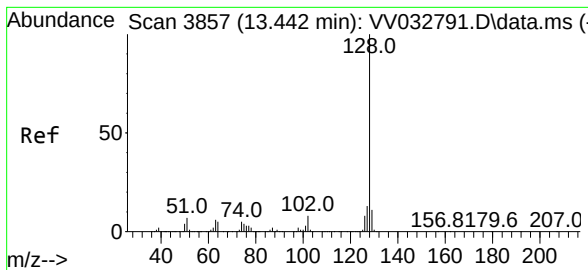
Ion Ratio Lower Upper

75 100

155 0.0 68.6 102.8#

157 0.0 87.3 130.9#





#71

Naphthalene

Concen: 10.598 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

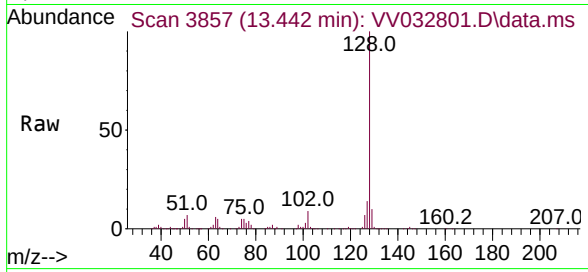
Lab File: VV032801.D

Acq: 31 Oct 2023 16:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 106470

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.3 8.6 12.8

