

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101424\
 Data File : VV037849.D
 Acq On : 14 Oct 2024 12:10
 Operator : SY/MD
 Sample : P4350-01ME
 Misc : 4.51g/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 15 02:21:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 02:19:17 2024
 Response via : Initial Calibration

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

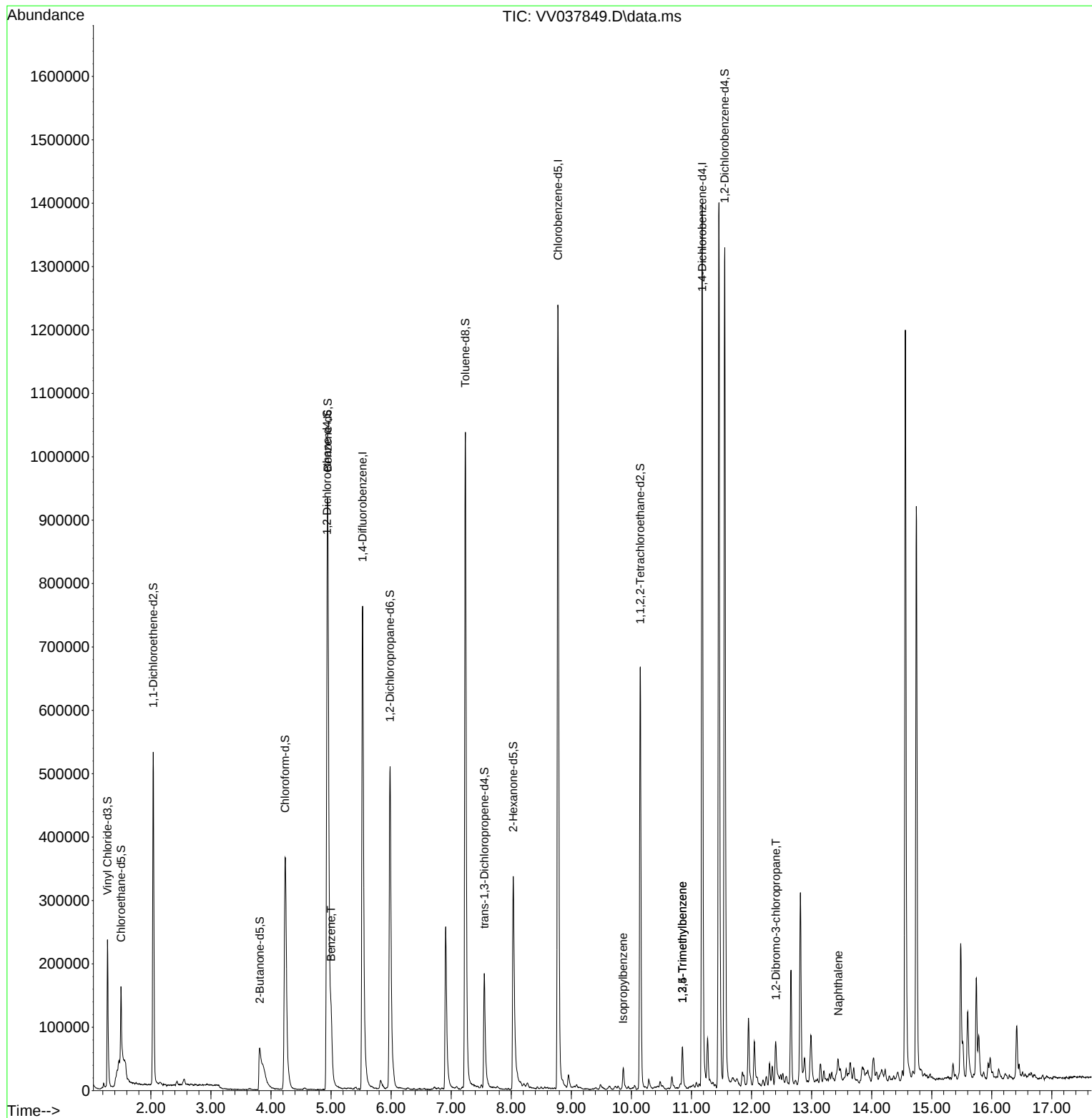
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	716964	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	712661	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	360025	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	175751	27.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.840%#
7) Chloroethane-d5	1.503	69	72437	14.827	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.660%#
11) 1,1-Dichloroethene-d2	2.040	65	89796	34.150	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.300%
21) 2-Butanone-d5	3.812	46	102058	45.526	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	45.530%
24) Chloroform-d	4.236	84	420728	37.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.140%
26) 1,2-Dichloroethane-d4	4.934	65	265438	40.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.000%
32) Benzene-d6	4.947	84	826300	37.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.100%
36) 1,2-Dichloropropane-d6	5.982	67	274592	38.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.340%
41) Toluene-d8	7.236	98	734618	36.329	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.660%#
43) trans-1,3-Dichloroprop...	7.551	79	119607	36.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.520%
47) 2-Hexanone-d5	8.034	63	128496	85.694	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.690%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	331600	40.189	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.380%
66) 1,2-Dichlorobenzene-d4	11.554	152	340414	44.871	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.740%
Target Compounds						
					Qvalue	
33) Benzene	5.002	78	110890	5.159	ug/L	100
60) Isopropylbenzene	9.863	105	21787	0.931	ug/L	98
62) 1,3,5-Trimethylbenzene	10.850	105	36019	1.946	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	36019	1.956	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.407	75	1648	1.325	ug/L #	1
71) Naphthalene	13.445	128	24813	1.321	ug/L	97

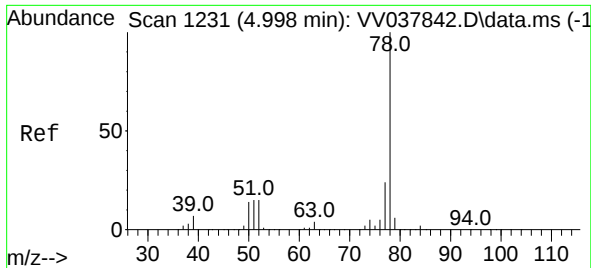
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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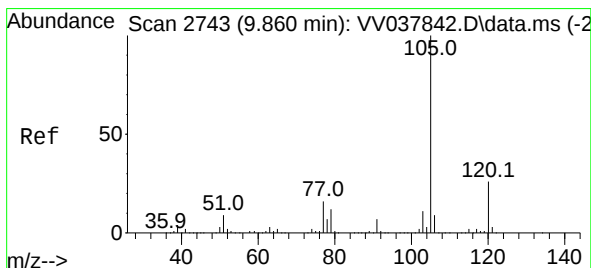
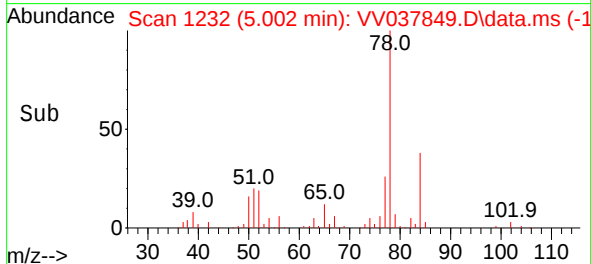
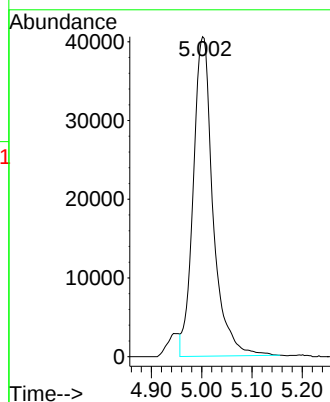
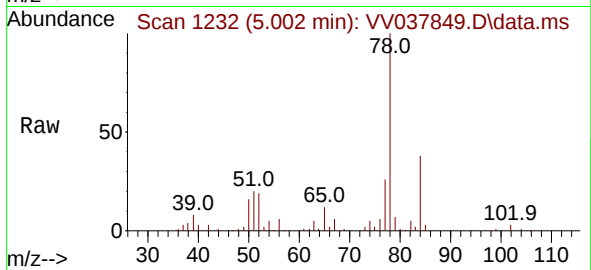




#33
Benzene
Concen: 5.159 ug/L
RT: 5.002 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV037849.D
Acq: 14 Oct 2024 12:10

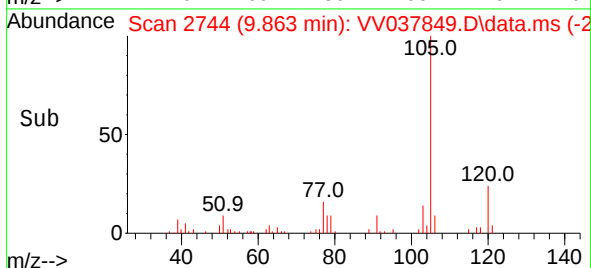
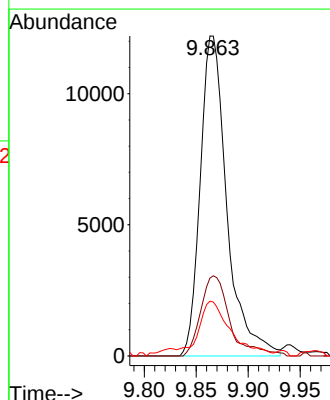
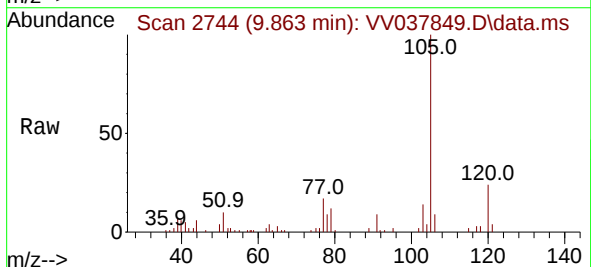
Instrument :
MSVOA_V
ClientSampleId :

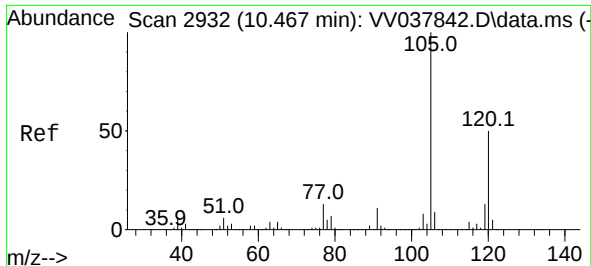
Tgt Ion: 78 Resp: 110890



#60
Isopropylbenzene
Concen: 0.931 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VV037849.D
Acq: 14 Oct 2024 12:10

Tgt Ion:105 Resp: 21787
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 13.0 12.2 18.2





#62

1,3,5-Trimethylbenzene

Concen: 1.946 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.383 min

Lab File: VV037849.D

Acq: 14 Oct 2024 12:10

Instrument :

MSVOA_V

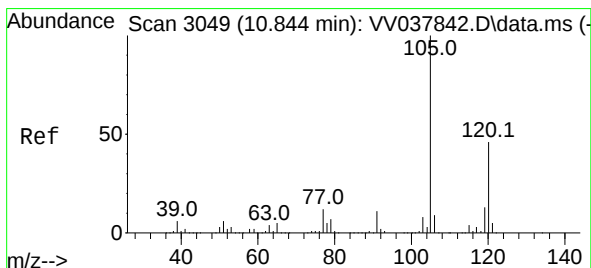
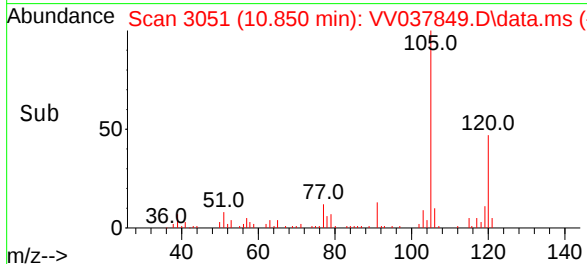
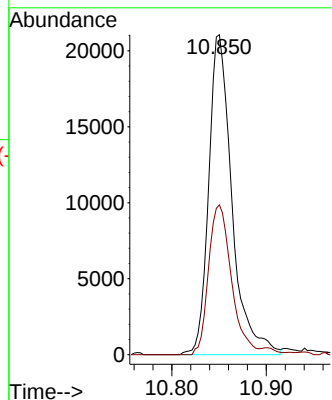
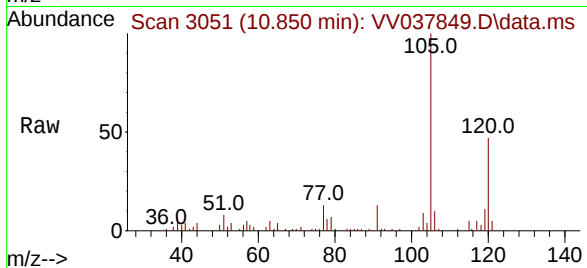
ClientSampleId :

Tgt Ion:105 Resp: 36019

Ion Ratio Lower Upper

105 100

120 45.9 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 1.956 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.007 min

Lab File: VV037849.D

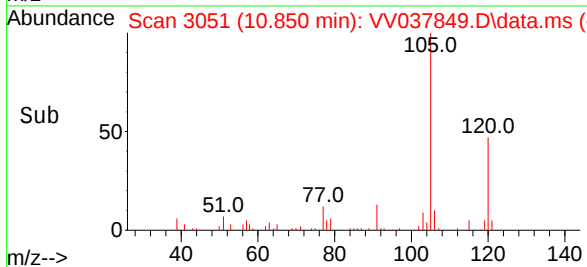
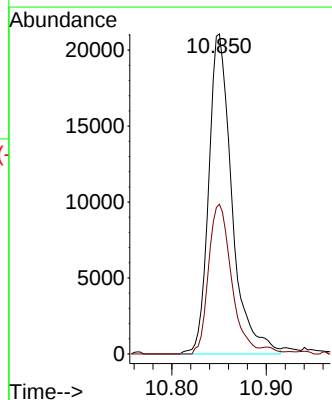
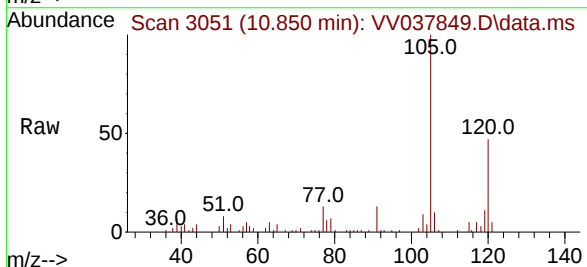
Acq: 14 Oct 2024 12:10

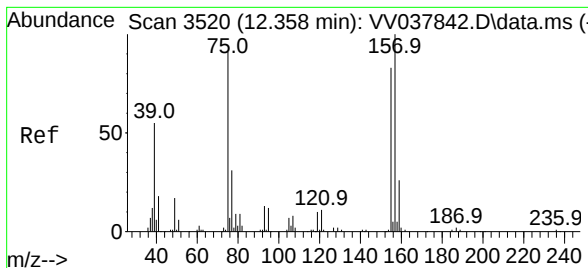
Tgt Ion:105 Resp: 36019

Ion Ratio Lower Upper

105 100

120 45.9 36.2 54.2





#68

1,2-Dibromo-3-chloropropane

Concen: 1.325 ug/L

RT: 12.407 min Scan# 3535

Delta R.T. 0.048 min

Lab File: VV037849.D

Acq: 14 Oct 2024 12:10

Instrument :

MSVOA_V

ClientSampleId :

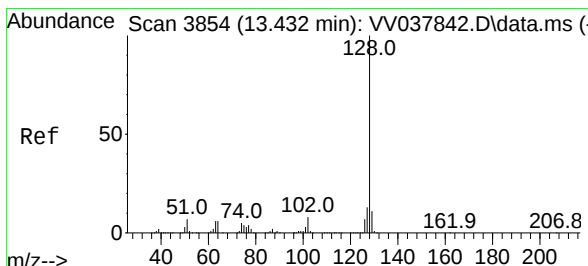
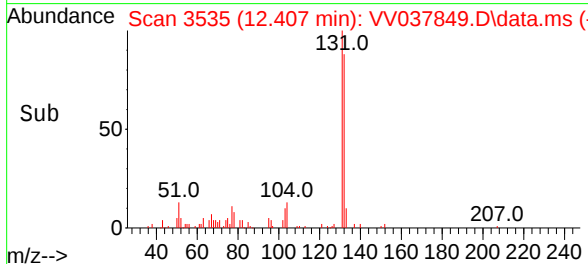
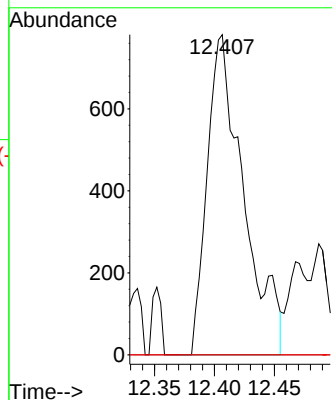
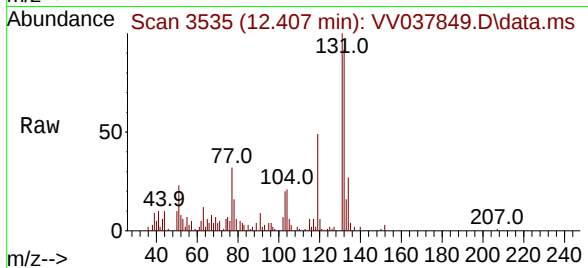
Tgt Ion: 75 Resp: 1648

Ion Ratio Lower Upper

75 100

155 0.0 66.2 99.4#

157 0.0 87.3 130.9#



#71

Naphthalene

Concen: 1.321 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.013 min

Lab File: VV037849.D

Acq: 14 Oct 2024 12:10

Tgt Ion: 128 Resp: 24813

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

129 9.4 8.5 12.7

