

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
 Data File : VV035966.D
 Acq On : 04 Jun 2024 09:53
 Operator : SY/MD
 Sample : VV0604SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SoIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 04:03:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 04:01:54 2024
 Response via : Initial Calibration

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

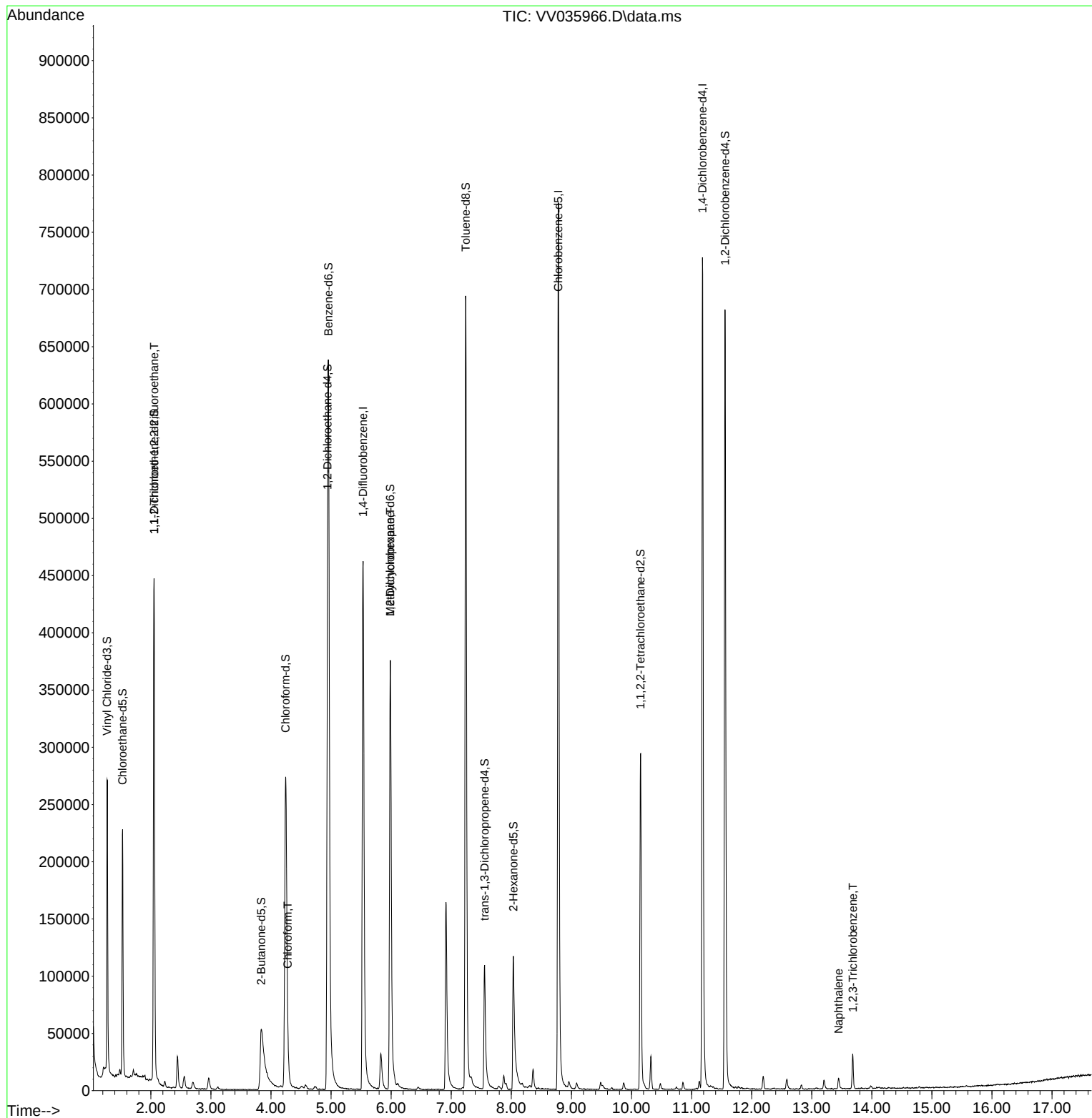
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	416218	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	441223	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	195401	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	168955	22.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.320%
7) Chloroethane-d5	1.529	69	141342	23.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.640%
11) 1,1-Dichloroethene-d2	2.053	65	75245	22.088	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.360%
21) 2-Butanone-d5	3.838	46	64970	37.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.020%
24) Chloroform-d	4.243	84	302081	22.829	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.320%
26) 1,2-Dichloroethane-d4	4.940	65	168605	24.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	4.956	84	583221	22.237	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	5.985	67	194444	23.542	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	7.239	98	483990	20.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.640%
43) trans-1,3-Dichloroprop...	7.554	79	72286	21.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.400%
47) 2-Hexanone-d5	8.034	63	47472	42.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.840%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	152299	24.676	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	11.557	152	183142	25.559	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.240%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	3512	0.491	ug/L #	58
25) Chloroform	4.278	83	10610	0.765	ug/L	95
35) Methylcyclohexane	5.985	83	48665	3.979	ug/L #	19
71) Naphthalene	13.448	128	8857	0.700	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	2761	0.390	ug/L	92

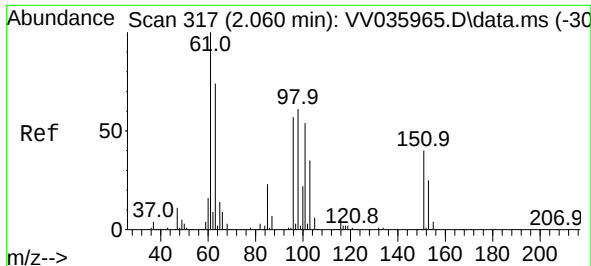
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA_V
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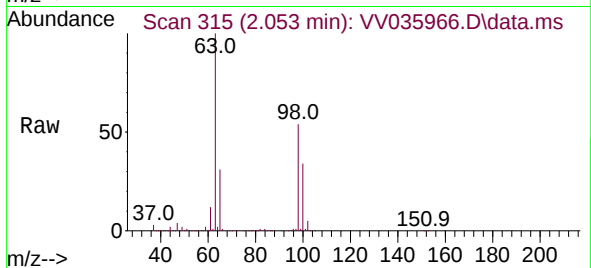
Quant Time: Jun 05 04:03:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration



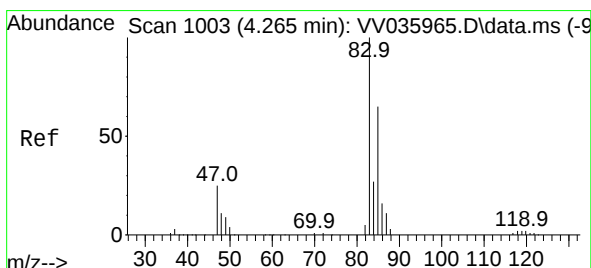
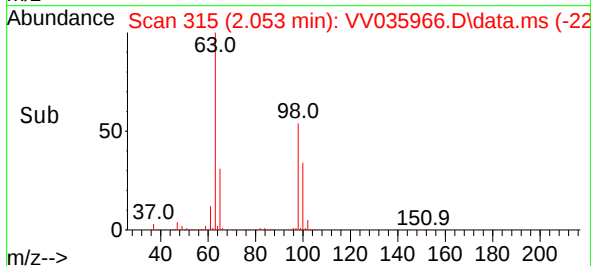
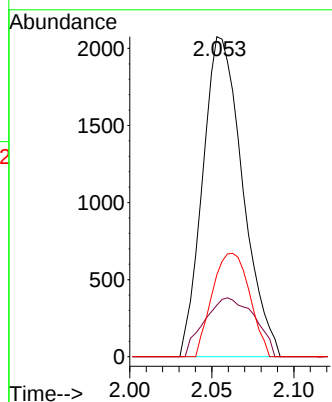


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.491 ug/L
RT: 2.053 min Scan# 317
Delta R.T. -0.007 min
Lab File: VV035966.D
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Instrument :
MSVOA_V
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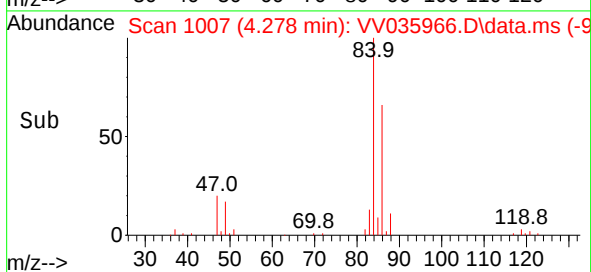
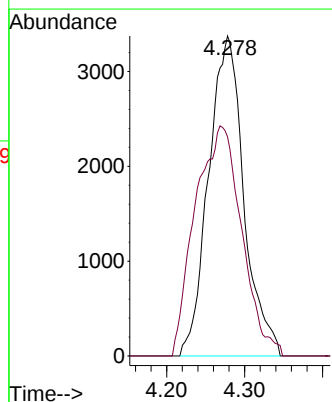
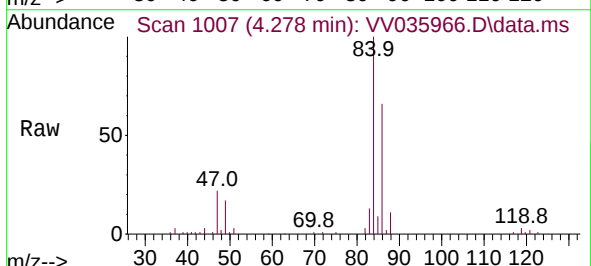


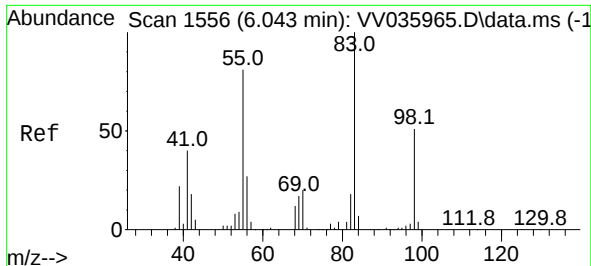
Tgt Ion:101 Resp: 3512
Ion Ratio Lower Upper
101 100
85 23.1 34.5 51.7#
151 30.2 56.3 84.5#



#25
Chloroform
Concen: 0.765 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.013 min
Lab File: VV035966.D
Acq: 04 Jun 2024 09:53

Tgt Ion: 83 Resp: 10610
Ion Ratio Lower Upper
83 100
85 68.4 45.2 84.0





#35

Methylcyclohexane

Concen: 3.979 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV035966.D

Acq: 04 Jun 2024 09:53

Instrument :

MSVOA_V

ClientSampleId :

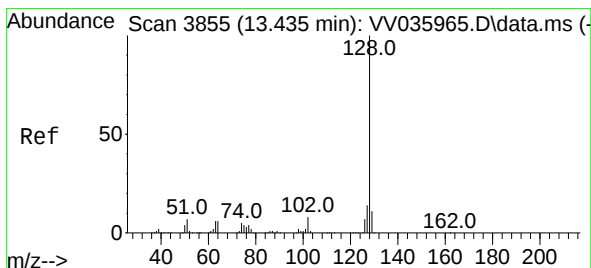
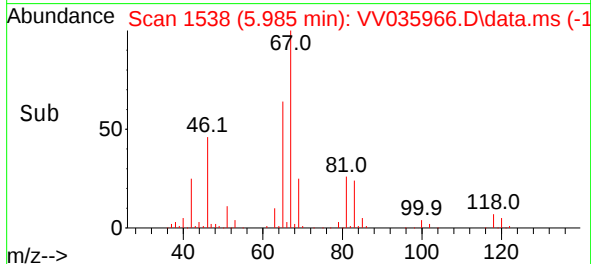
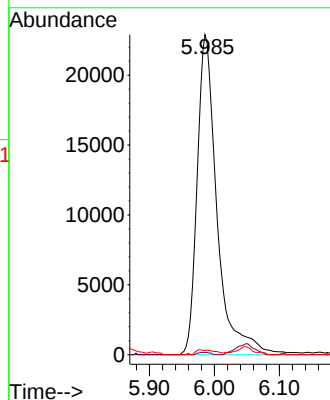
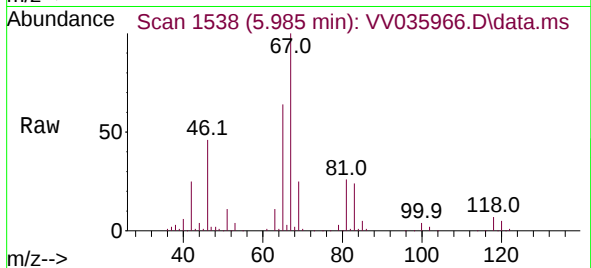
Tgt Ion: 83 Resp: 48665

Ion Ratio Lower Upper

83 100

55 0.4 60.7 91.1#

98 0.6 38.7 58.1#



#71

Naphthalene

Concen: 0.700 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV035966.D

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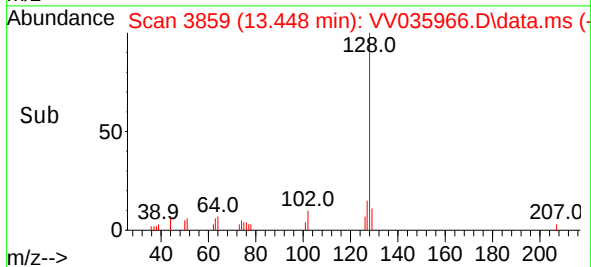
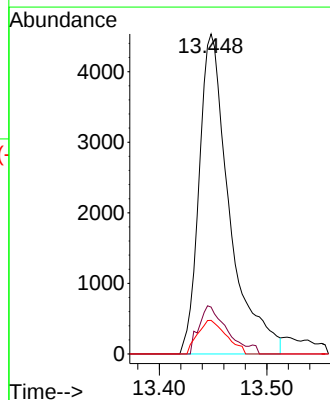
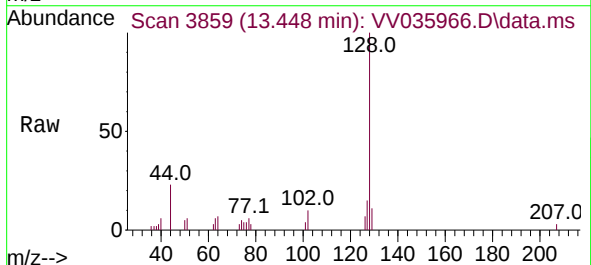
Tgt Ion:128 Resp: 8857

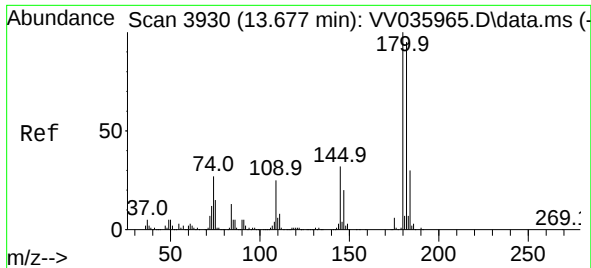
Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 9.9 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 0.390 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.009 min

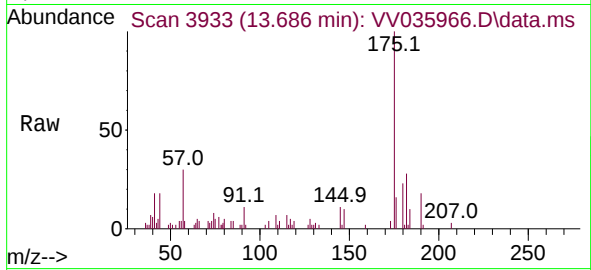
Lab File: VV035966.D

Acq: 04 Jun 2024 09:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2761

Ion Ratio Lower Upper

180 100

182 101.7 75.1 112.7

145 35.5 25.2 37.8

