

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036111.D
 Acq On : 18 Jun 2024 11:31
 Operator : SY/MD
 Sample : P2909-01
 Misc : 5.19g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:28:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

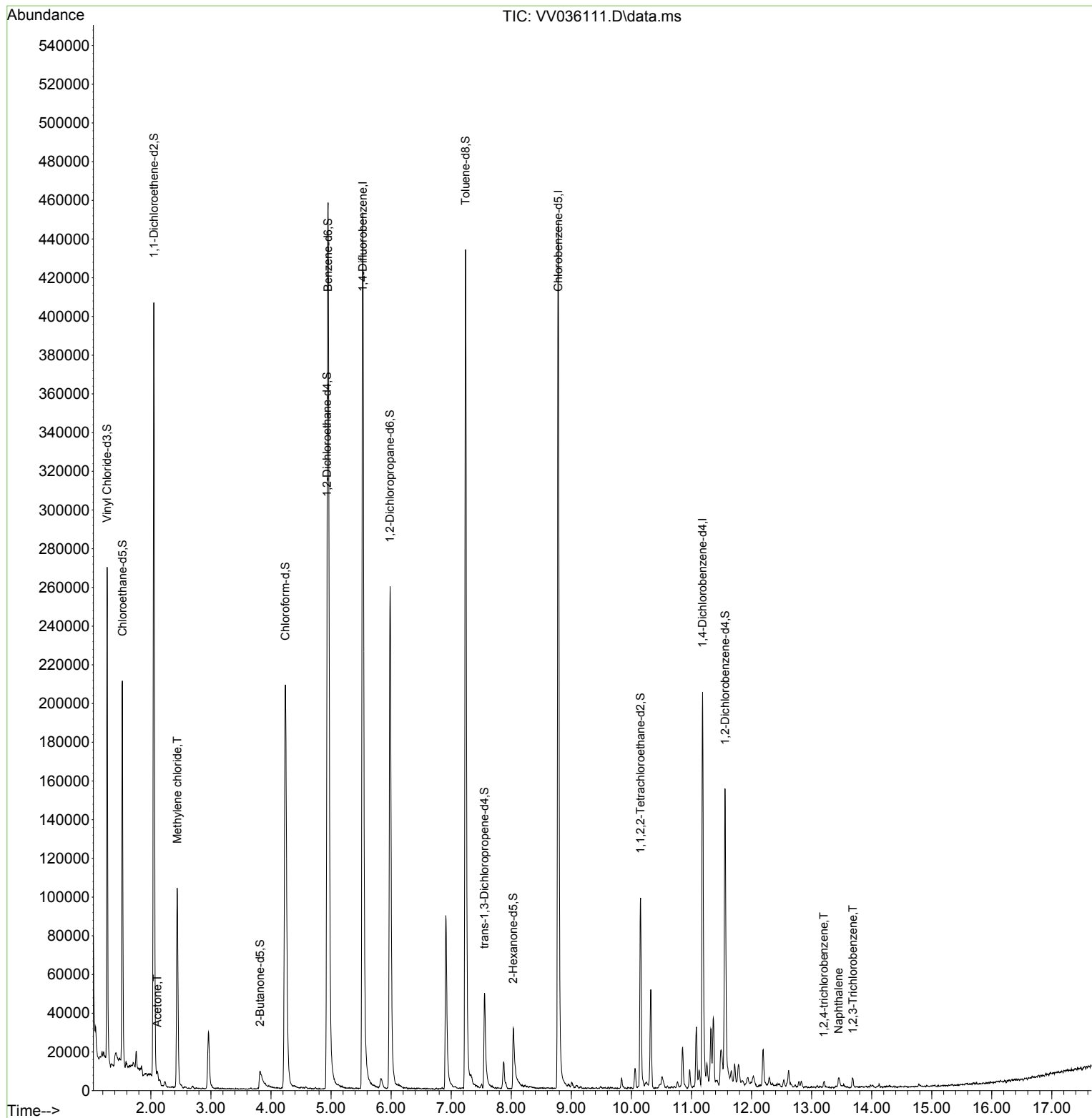
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	398833	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	259181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	54447	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	162785	22.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.800%
7) Chloroethane-d5	1.526	69	134231	22.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.840%
11) 1,1-Dichloroethene-d2	2.050	65	69751	21.368	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.480%
21) 2-Butanone-d5	3.818	46	18078	10.746	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.500%
24) Chloroform-d	4.240	84	231540	18.261	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.040%
26) 1,2-Dichloroethane-d4	4.934	65	101719	15.301	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	61.200%#
32) Benzene-d6	4.950	84	431623	28.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.080%
36) 1,2-Dichloropropane-d6	5.982	67	131153	27.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.120%
41) Toluene-d8	7.239	98	297346	21.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.480%
43) trans-1,3-Dichloroprop...	7.555	79	33394	16.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.160%
47) 2-Hexanone-d5	8.034	63	12281	18.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.360%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	50120	13.825	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	55.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	36003	18.032	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.120%#
Target Compounds						
					Qvalue	
13) Acetone	2.108	43	7498	2.861	ug/L #	38
16) Methylene chloride	2.439	84	44147	4.892	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	1221	0.565	ug/L #	88
71) Naphthalene	13.451	128	4341	1.231	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	1136	0.576	ug/L #	65

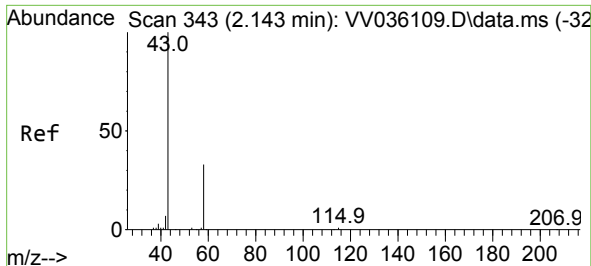
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.861 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.035 min

Lab File: VV036111.D

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Instrument :

MSVOA_V

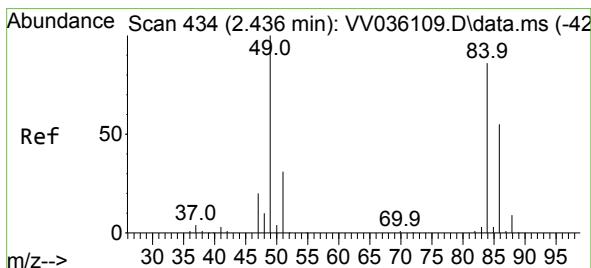
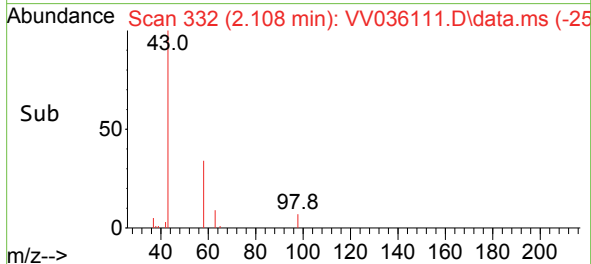
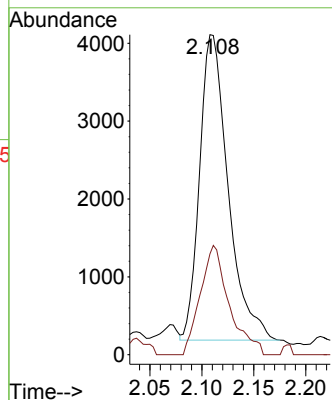
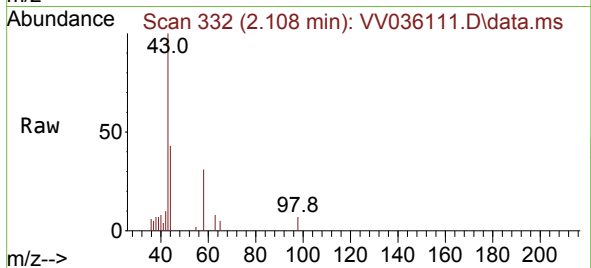
ClientSampleId :

Tgt Ion: 43 Resp: 7498

Ion Ratio Lower Upper

43 100

58 36.1 0.0 24.2#



#16

Methylene chloride

Concen: 4.892 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.003 min

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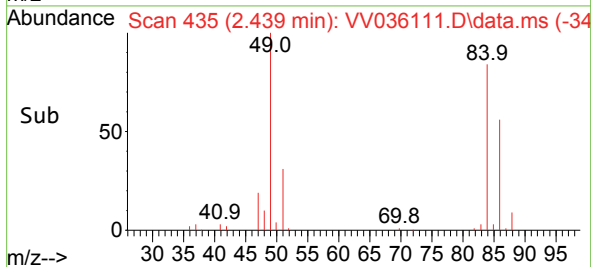
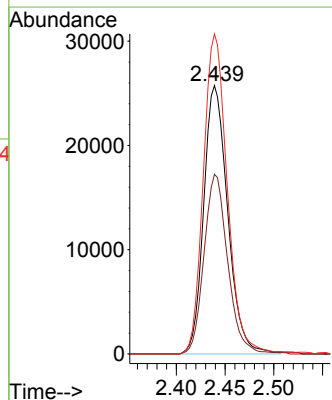
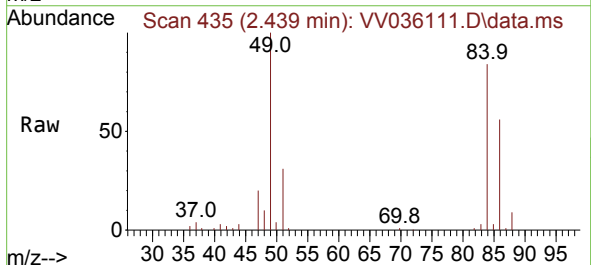
Tgt Ion: 84 Resp: 44147

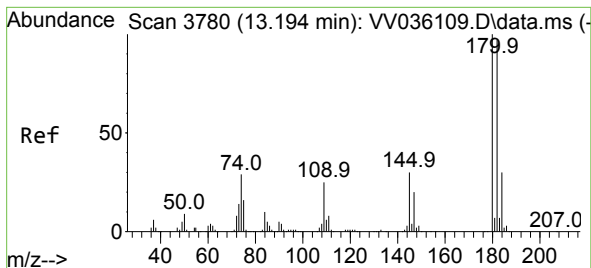
Ion Ratio Lower Upper

84 100

86 66.9 44.6 82.8

49 119.2 81.1 150.5





#70

1,2,4-trichlorobenzene

Concen: 0.565 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.010 min

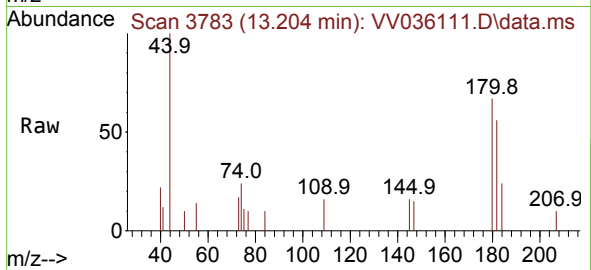
Lab File: VV036111.D

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Instrument :

MSVOA_V

ClientSampleId :



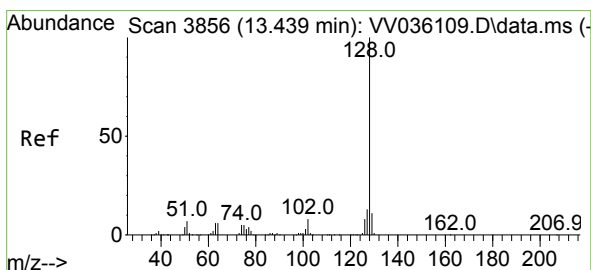
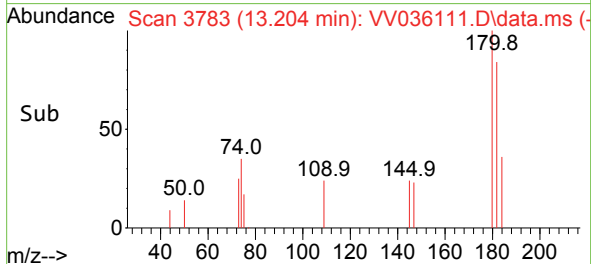
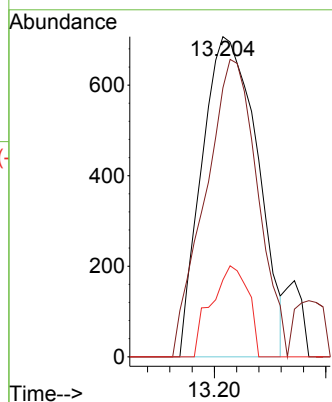
Tgt Ion:180 Resp: 1221

Ion Ratio Lower Upper

180 100

182 87.6 76.1 114.1

145 15.5 23.5 35.3#



#71

Naphthalene

Concen: 1.231 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.013 min

Lab File: VV036111.D

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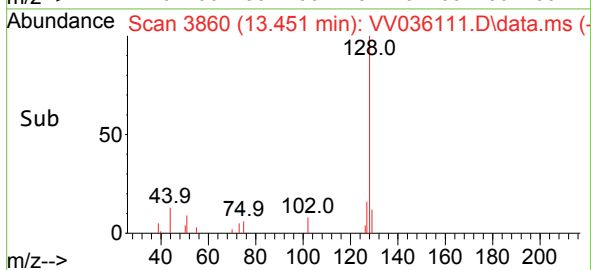
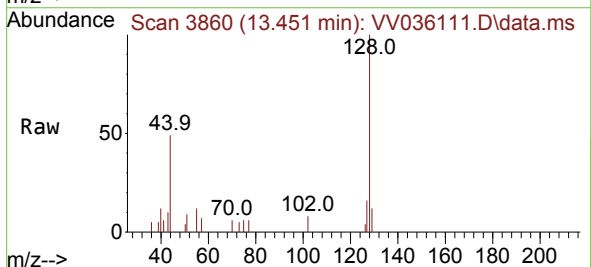
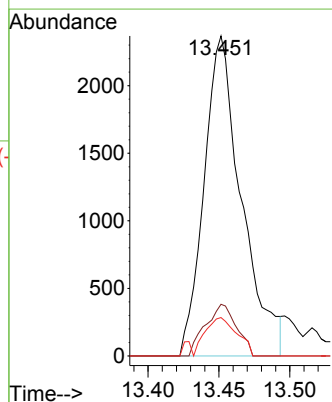
Tgt Ion:128 Resp: 4341

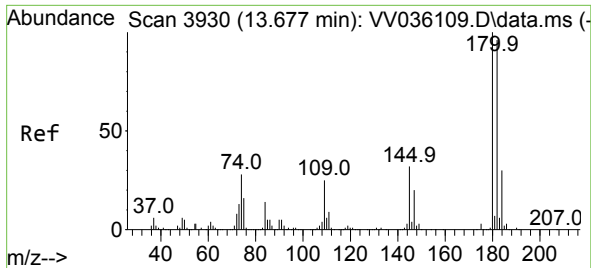
Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

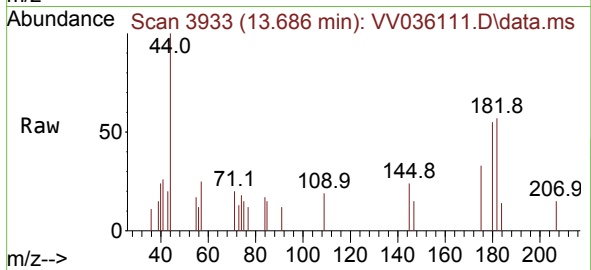
129 10.2 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.576 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.010 min
 Lab File: VV036111.D
 Acq: 18 Jun 2024 11:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	49.8	75.1	112.7#
145	29.5	25.2	37.8

