

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
 Data File : VV036003.D
 Acq On : 07 Jun 2024 11:43
 Operator : SY/MD
 Sample : VV0607SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 08 00:31:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 00:30:25 2024
 Response via : Initial Calibration

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

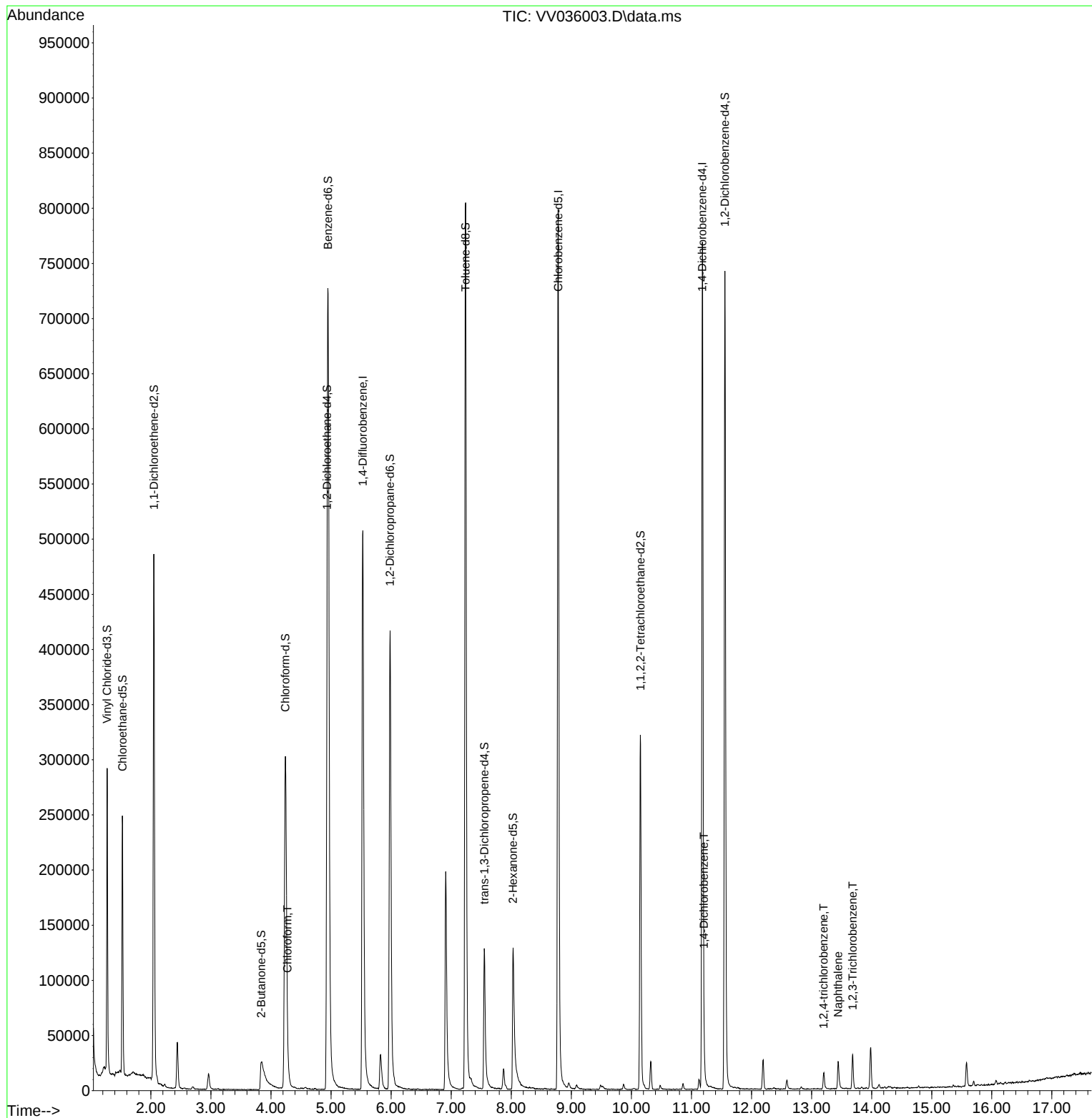
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	455852	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	451115	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	202832	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	181941	21.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.840%
7) Chloroethane-d5	1.526	69	155365	23.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.050	65	82679	22.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.640%
21) 2-Butanone-d5	3.838	46	16525	8.594	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.180%#
24) Chloroform-d	4.240	84	338233	23.338	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.360%
26) 1,2-Dichloroethane-d4	4.934	65	184961	24.342	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.360%
32) Benzene-d6	4.950	84	682385	25.448	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	5.982	67	218639	25.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.560%
41) Toluene-d8	7.240	98	567944	24.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.551	79	83000	23.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.880%
47) 2-Hexanone-d5	8.030	63	52368	45.772	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	161246	25.553	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	196042	26.357	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.440%
Target Compounds						
					Qvalue	
25) Chloroform	4.275	83	8780	0.578	ug/L	94
65) 1,4-Dichlorobenzene	11.207	146	5119	0.363	ug/L	86
70) 1,2,4-trichlorobenzene	13.201	180	5532	0.687	ug/L	92
71) Naphthalene	13.442	128	22100	1.683	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	5485	0.747	ug/L	97

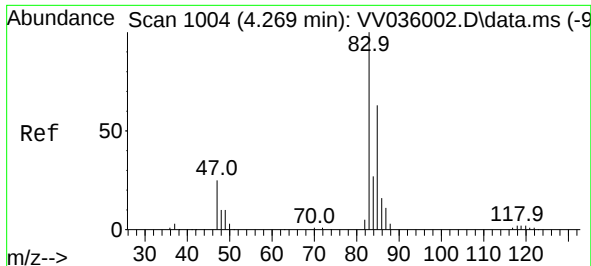
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.578 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.006 min

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MSVOA_V

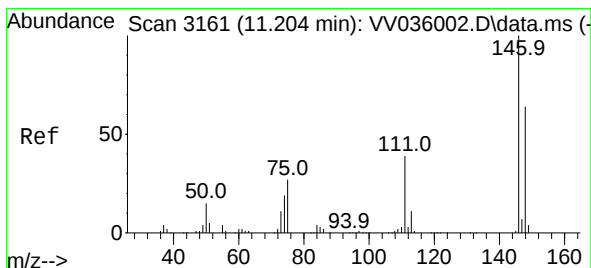
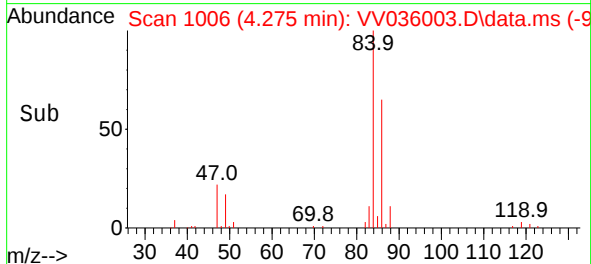
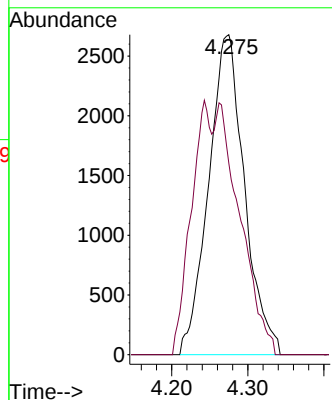
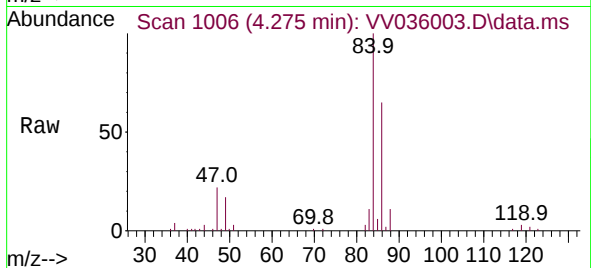
ClientSampleId :

Tgt Ion: 83 Resp: 8780

Ion Ratio Lower Upper

83 100

85 59.8 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 0.363 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

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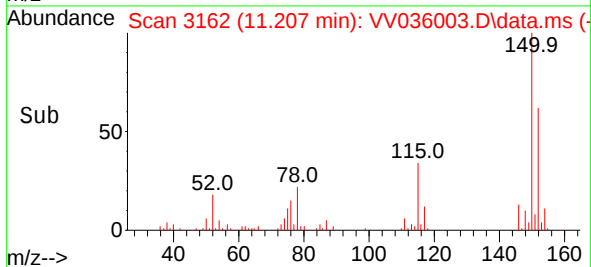
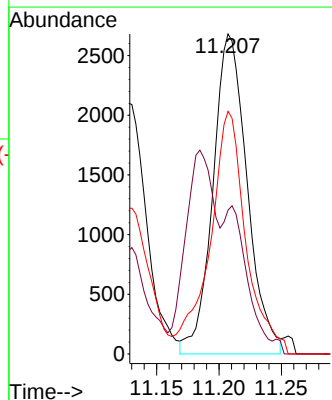
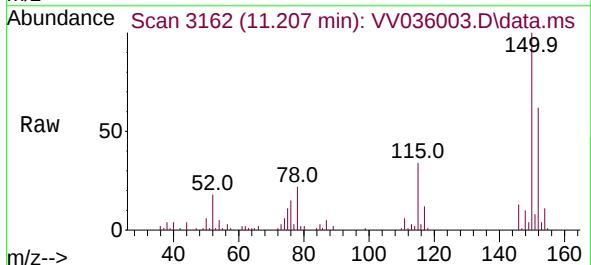
Tgt Ion:146 Resp: 5119

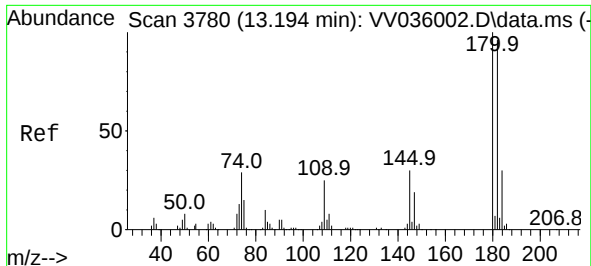
Ion Ratio Lower Upper

146 100

111 44.9 26.9 50.1

148 75.8 44.5 82.7





#70

1,2,4-trichlorobenzene

Concen: 0.687 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV036003.D

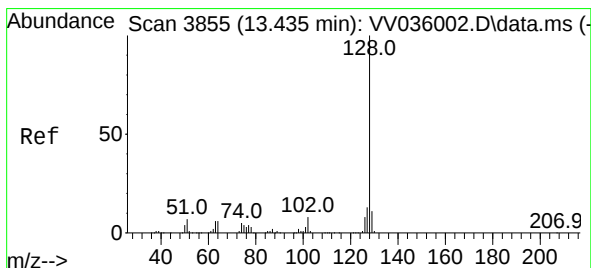
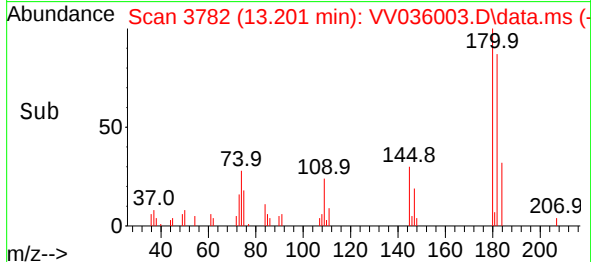
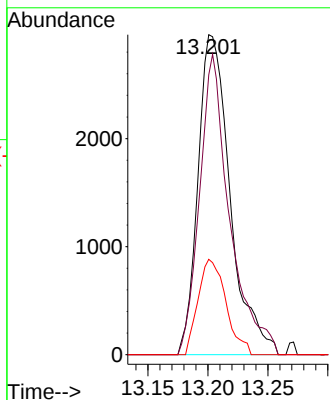
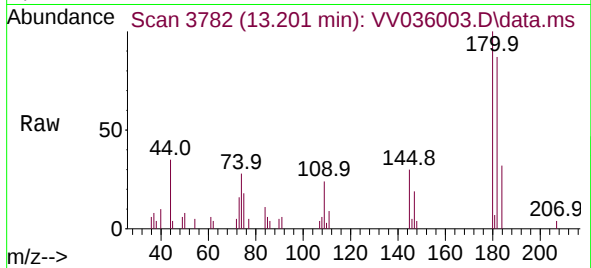
Acq: 07 Jun 2024 11:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	5532
Ion Ratio	Lower	Upper
180	100	
182	87.5	76.1 114.1
145	25.8	23.5 35.3



#71

Naphthalene

Concen: 1.683 ug/L

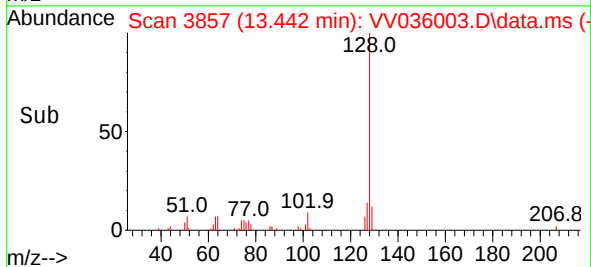
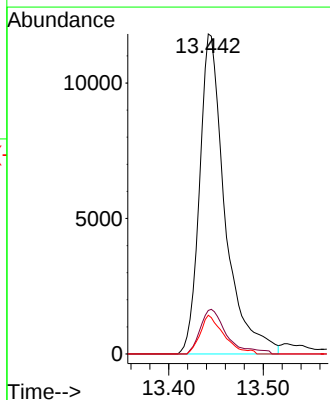
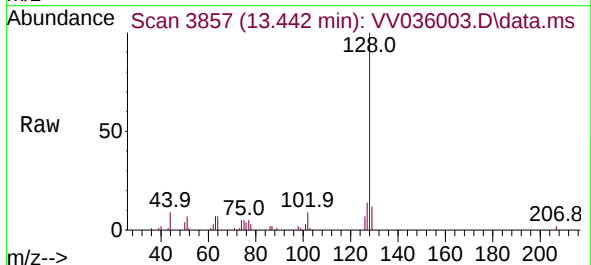
RT: 13.442 min Scan# 3857

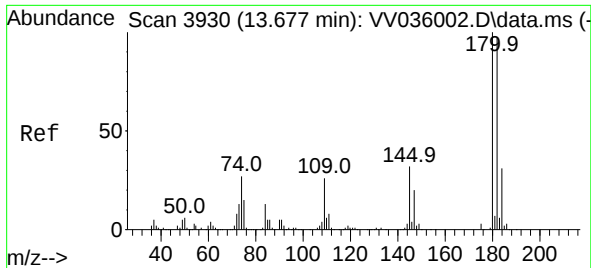
Delta R.T. 0.006 min

Lab File: VV036003.D

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Tgt Ion:128	Resp:	22100
Ion Ratio	Lower	Upper
128	100	
127	14.5	10.6 16.0
129	11.0	8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 0.747 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

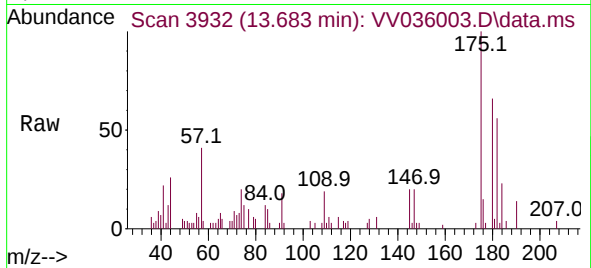
Lab File: VV036003.D

Acq: 07 Jun 2024 11:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5485

Ion Ratio Lower Upper

180 100

182 92.0 75.1 112.7

145 28.1 25.2 37.8

