

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036049.D
 Acq On : 13 Jun 2024 09:34
 Operator : SY/MD
 Sample : VV0613SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:15:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

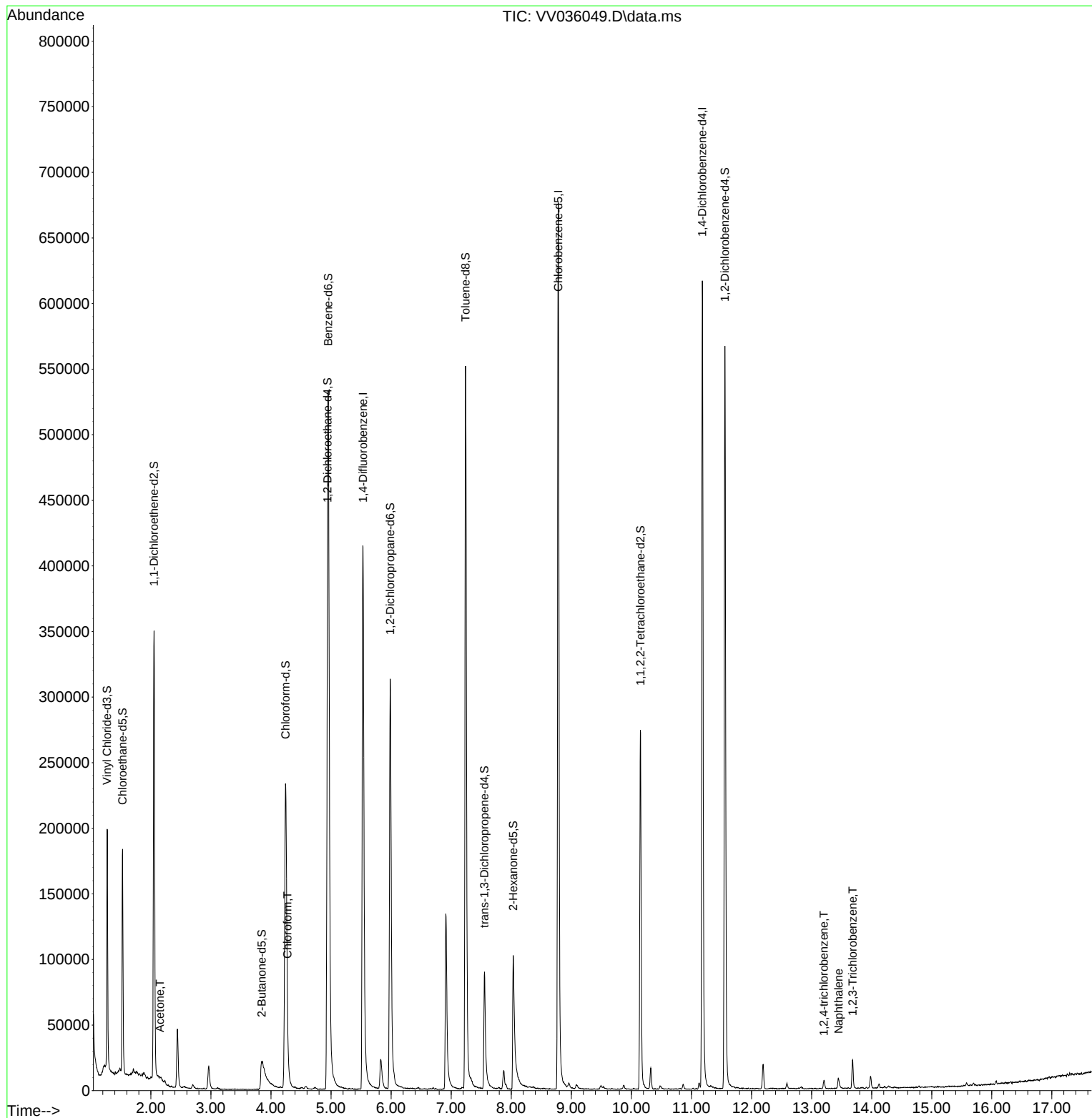
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	370388	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	377017	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	166924	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	121799	17.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.560%
7) Chloroethane-d5	1.529	69	112176	20.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.640%
11) 1,1-Dichloroethene-d2	2.053	65	58878	19.422	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.680%
21) 2-Butanone-d5	3.847	46	17122	10.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.920%
24) Chloroform-d	4.243	84	256938	21.820	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	4.941	65	141983	22.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.953	84	481338	21.478	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.920%
36) 1,2-Dichloropropane-d6	5.985	67	164198	23.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.080%
41) Toluene-d8	7.239	98	385285	19.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.920%
43) trans-1,3-Dichloroprop...	7.555	79	58349	20.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.640%
47) 2-Hexanone-d5	8.034	63	38361	40.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.240%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	138882	26.335	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	152226	24.868	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.480%
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	6276	2.579	ug/L #	27
25) Chloroform	4.275	83	7140	0.578	ug/L	79
70) 1,2,4-trichlorobenzene	13.204	180	2531	0.382	ug/L	99
71) Naphthalene	13.448	128	7903	0.731	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	2026	0.335	ug/L #	87

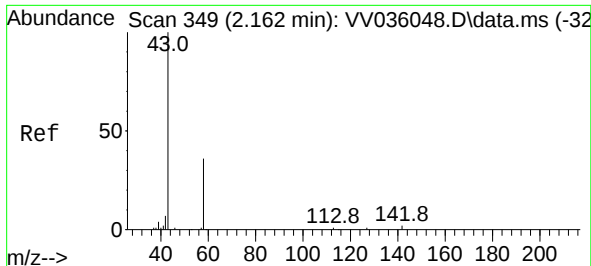
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Jun 14 01:15:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.579 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV036049.D

Acq: 13 Jun 2024 09:34

Instrument :

MSVOA_V

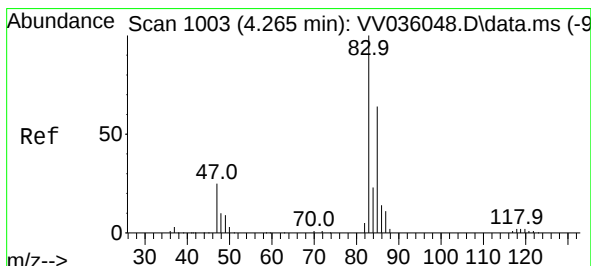
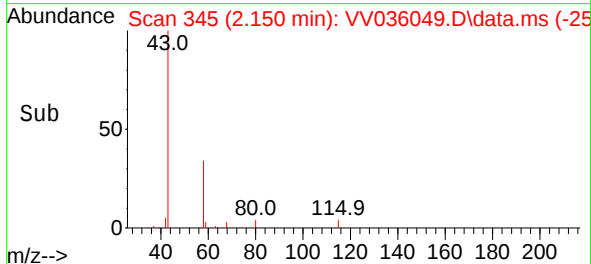
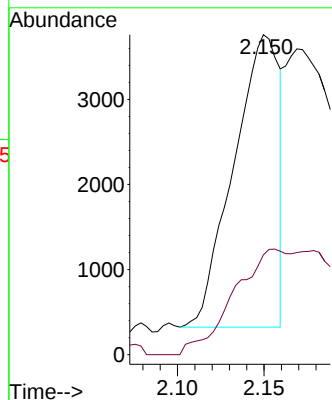
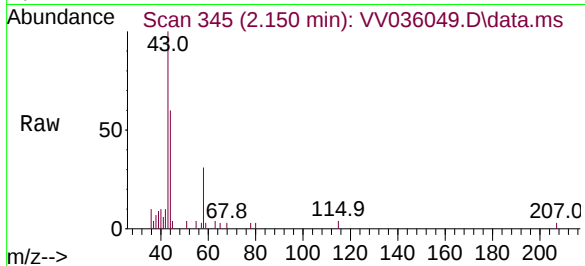
ClientSampleId :

Tgt Ion: 43 Resp: 6276

Ion Ratio Lower Upper

43 100

58 40.7 0.0 24.2#



#25

Chloroform

Concen: 0.578 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.010 min

Lab File: VV036049.D

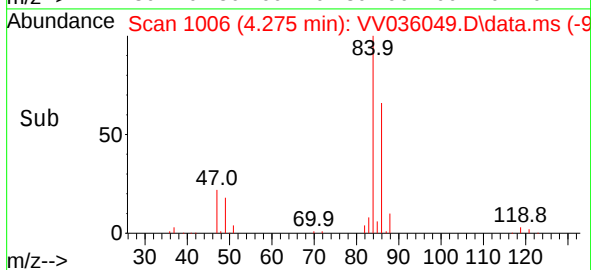
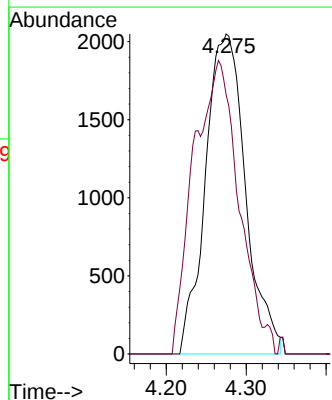
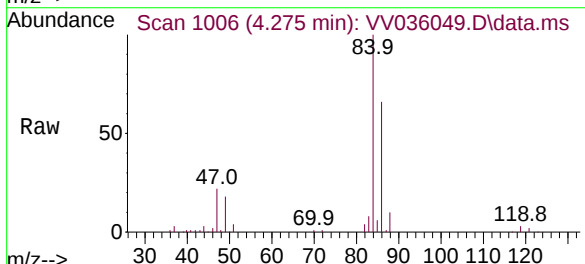
Acq: 13 Jun 2024 09:34

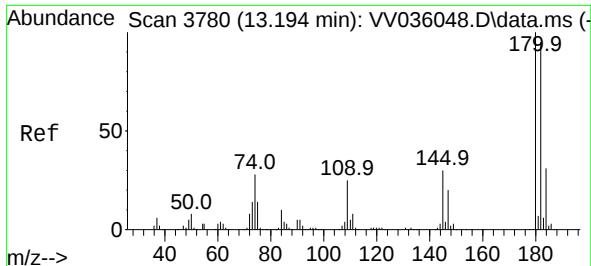
Tgt Ion: 83 Resp: 7140

Ion Ratio Lower Upper

83 100

85 81.1 45.2 84.0





#70

1,2,4-trichlorobenzene

Concen: 0.382 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV036049.D

Acq: 13 Jun 2024 09:34

Instrument :

MSVOA_V

ClientSampleId :

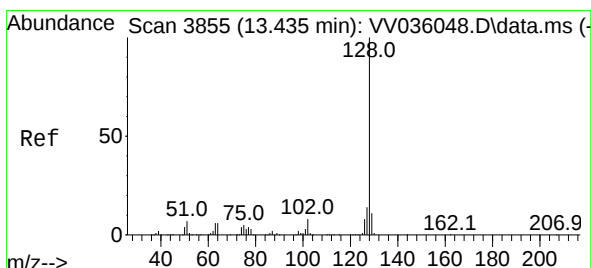
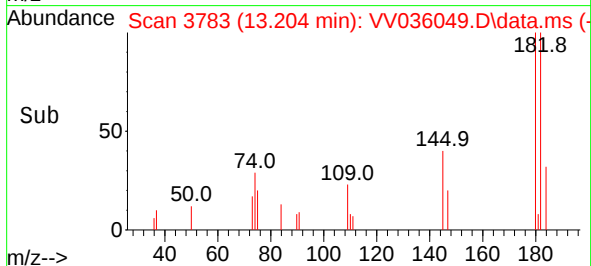
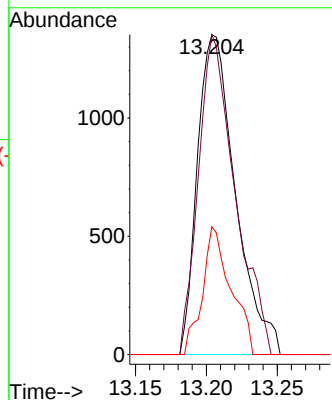
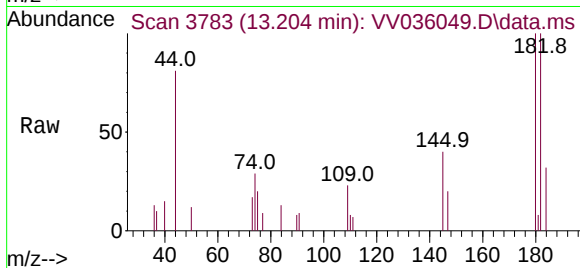
Tgt Ion:180 Resp: 2531

Ion Ratio Lower Upper

180 100

182 95.9 76.1 114.1

145 29.9 23.5 35.3



#71

Naphthalene

Concen: 0.731 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV036049.D

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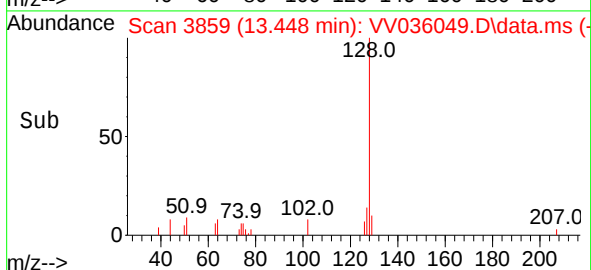
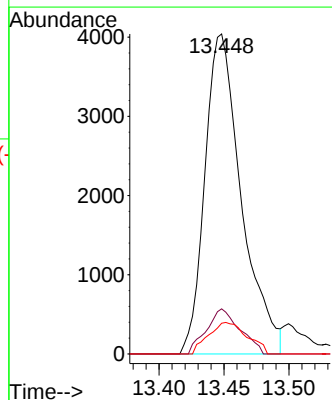
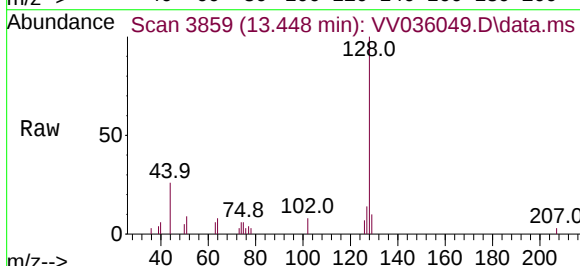
Tgt Ion:128 Resp: 7903

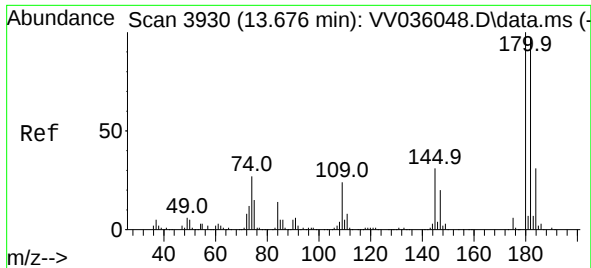
Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

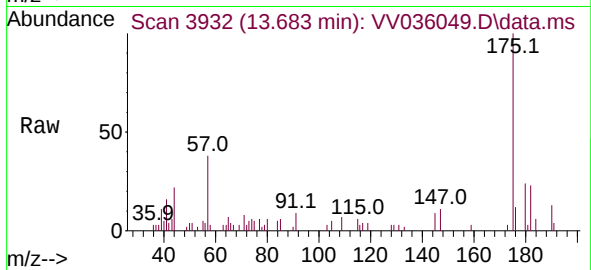
129 10.5 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.335 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.007 min
 Lab File: VV036049.D
 Acq: 13 Jun 2024 09:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	2026
Ion Ratio	Lower	Upper	
180	100		
182	103.7	75.1	112.7
145	43.0	25.2	37.8#

