

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
 Data File : VV036039.D
 Acq On : 11 Jun 2024 17:04
 Operator : SY/MD
 Sample : P2798-09
 Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 02:09:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

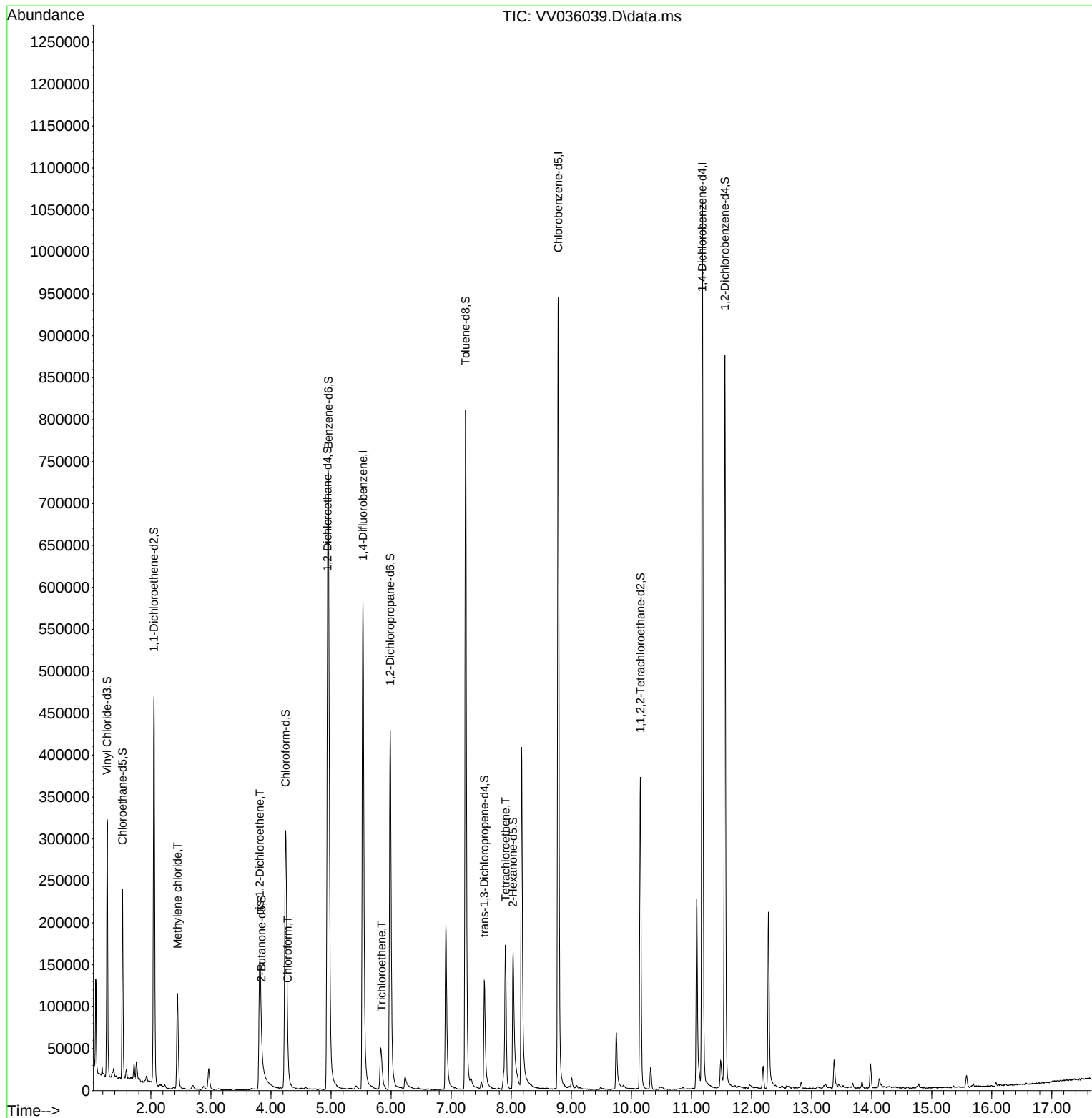
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	520992	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	533161	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	273968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	172371	17.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.000%
7) Chloroethane-d5	1.529	69	153367	20.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.320%
11) 1,1-Dichloroethene-d2	2.053	65	80686	18.922	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.680%
21) 2-Butanone-d5	3.841	46	58298	26.527	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.060%
24) Chloroform-d	4.243	84	349566	21.105	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.940	65	191700	22.074	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	4.957	84	675054	21.300	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	5.985	67	223078	22.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.400%
41) Toluene-d8	7.239	98	557867	19.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.551	79	83270	20.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.400%
47) 2-Hexanone-d5	8.030	63	66891	49.469	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.940%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	190333	25.521	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	222189	22.116	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.480%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	50276	4.265	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	87606	9.838	ug/L	98
25) Chloroform	4.278	83	10685	0.615	ug/L	96
34) Trichloroethene	5.841	95	9968	0.933	ug/L	94
46) Tetrachloroethene	7.905	164	40940	5.238	ug/L	99

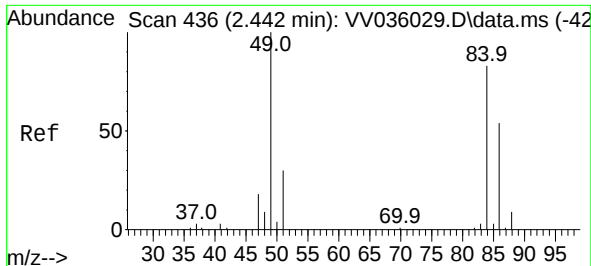
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

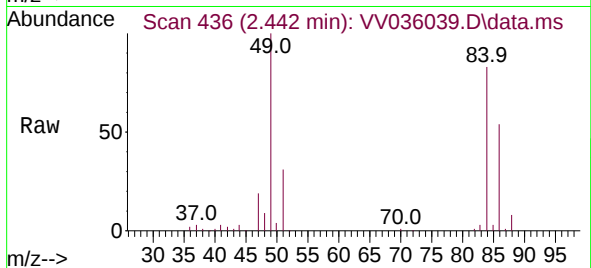
Quant Time: Jun 12 02:09:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 02:05:45 2024
Response via : Initial Calibration



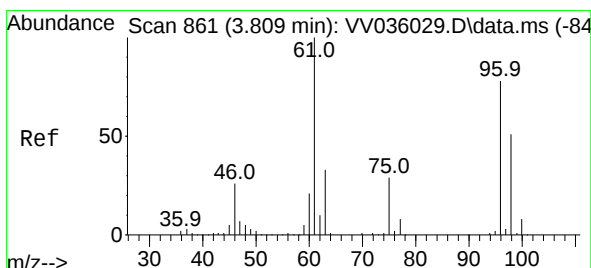
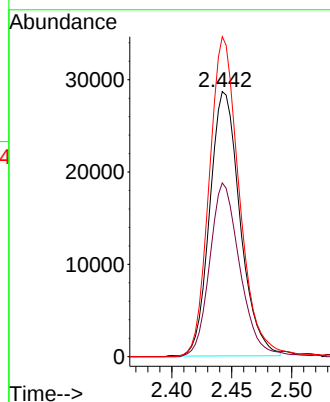
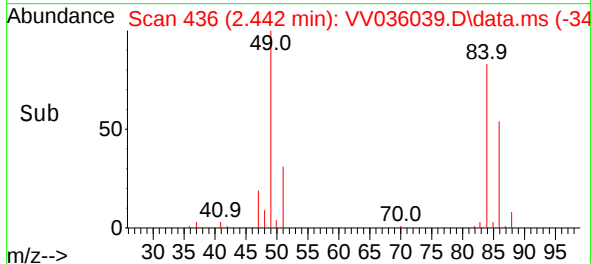


#16
Methylene chloride
Concen: 4.265 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036039.D
Acq: 11 Jun 2024 17:04

Instrument :
MSVOA_V
ClientSampleId :

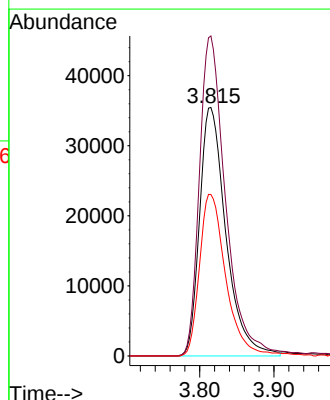
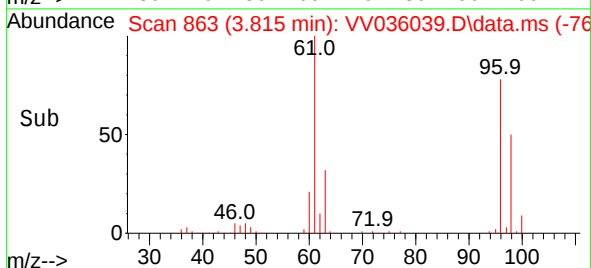
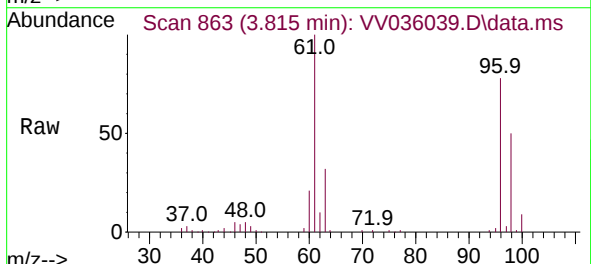


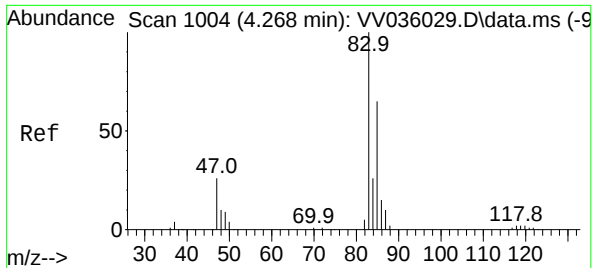
Tgt Ion: 84 Resp: 50276
Ion Ratio Lower Upper
84 100
86 65.5 44.6 82.8
49 120.7 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 9.838 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV036039.D
Acq: 11 Jun 2024 17:04

Tgt Ion: 96 Resp: 87606
Ion Ratio Lower Upper
96 100
61 128.8 87.9 163.3
98 65.0 44.4 82.5





#25

Chloroform

Concen: 0.615 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV036039.D

Acq: 11 Jun 2024 17:04

Instrument :

MSVOA_V

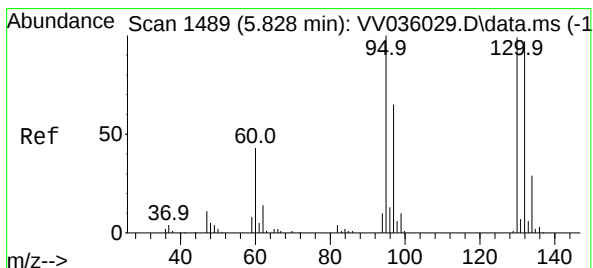
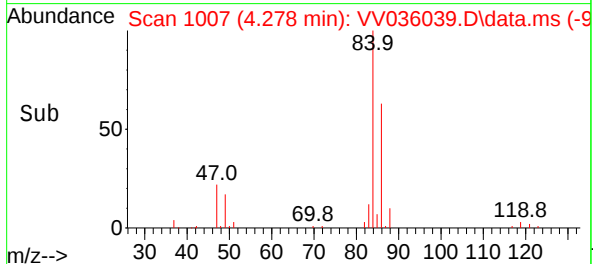
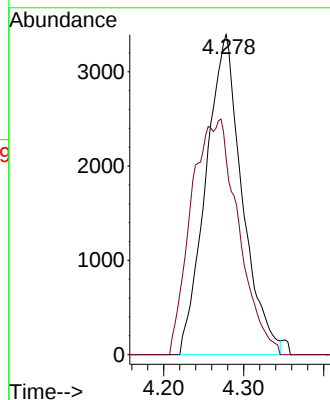
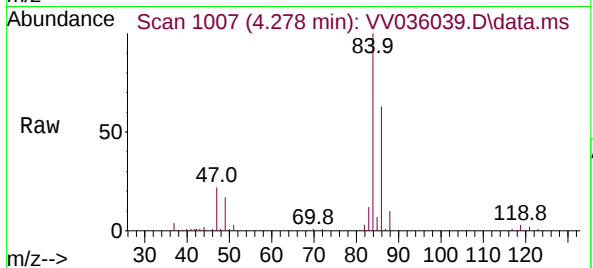
ClientSampleId :

Tgt Ion: 83 Resp: 10685

Ion Ratio Lower Upper

83 100

85 61.4 45.2 84.0



#34

Trichloroethene

Concen: 0.933 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.013 min

Lab File: VV036039.D

Acq: 11 Jun 2024 17:04

Tgt Ion: 95 Resp: 9968

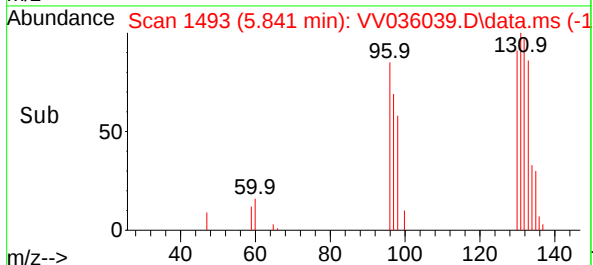
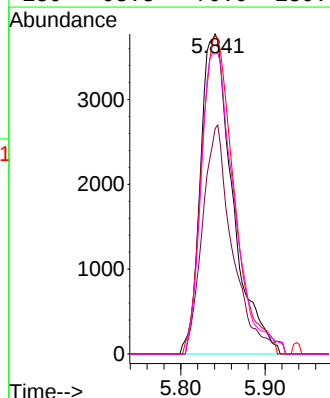
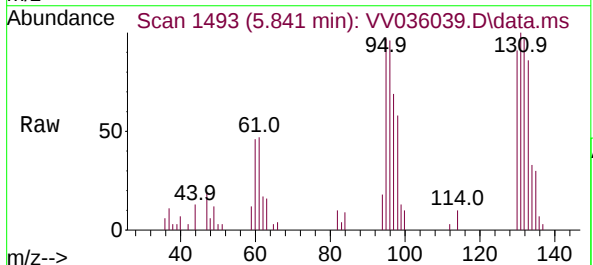
Ion Ratio Lower Upper

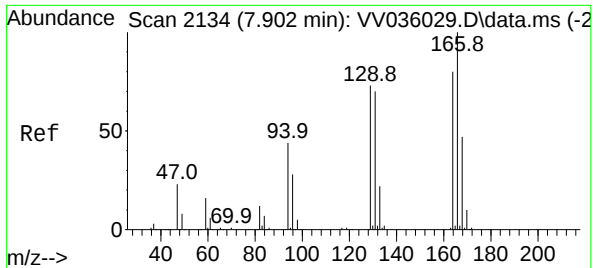
95 100

97 70.4 44.8 83.2

132 99.5 66.8 124.2

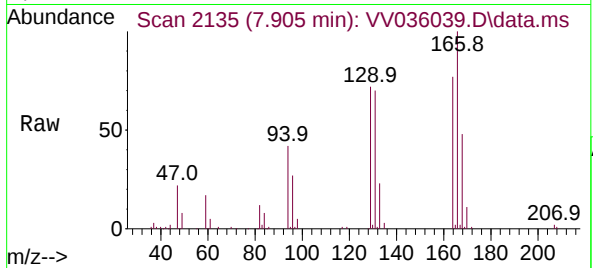
130 93.8 70.0 130.0





#46
 Tetrachloroethene
 Concen: 5.238 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV036039.D
 Acq: 11 Jun 2024 17:04

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	40940
Ion	Ratio	Lower	Upper
164	100		
129	93.3	64.6	120.0
131	90.6	63.2	117.4
166	130.1	89.5	166.3

