

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
 Data File : VV036096.D
 Acq On : 17 Jun 2024 13:13
 Operator : SY/MD
 Sample : P2856-10
 Misc : 4.15g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 02:11:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

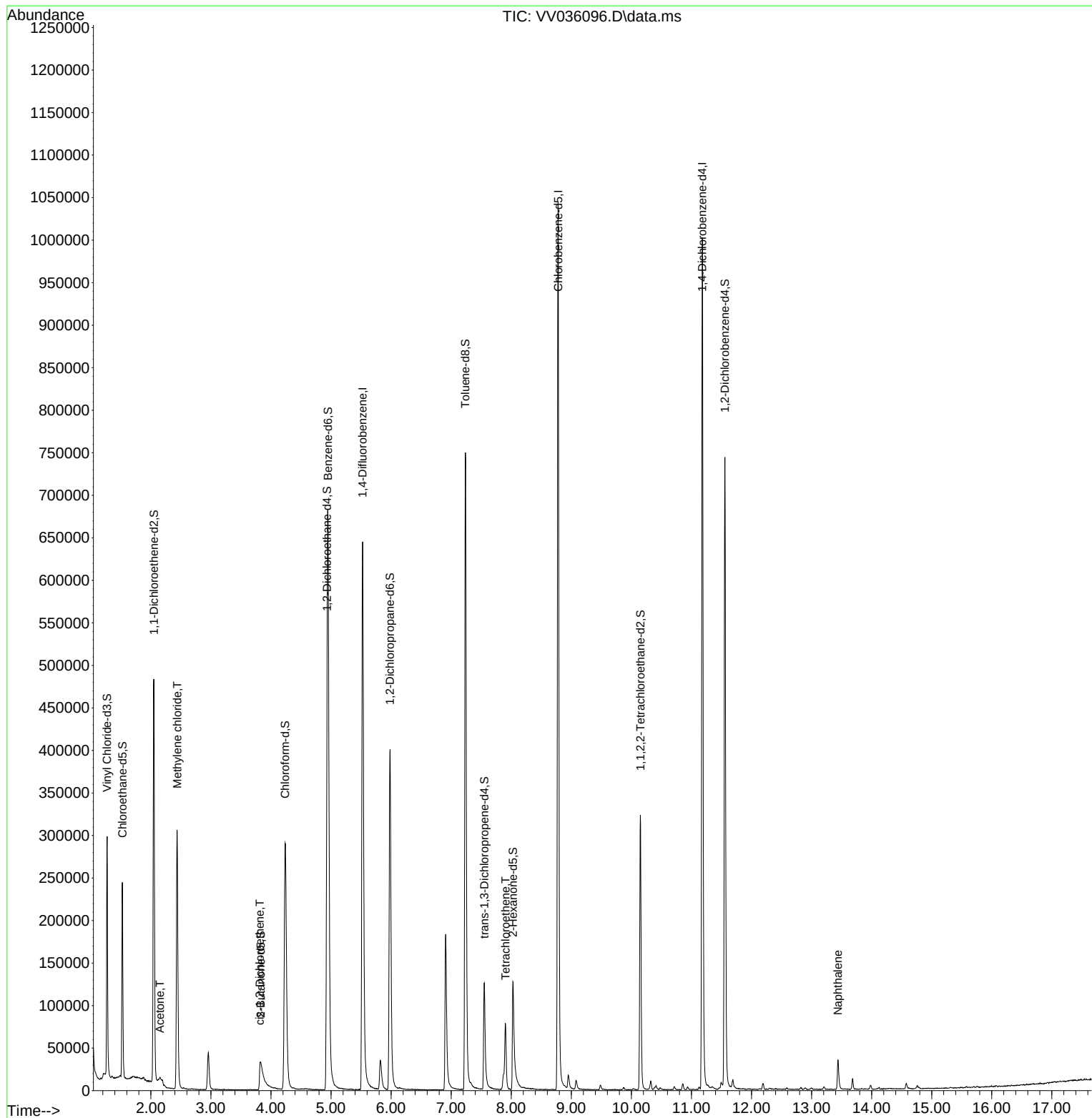
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	561671	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	579938	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	262522	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	187088	18.118	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.480%		
7) Chloroethane-d5	1.526	69	154872	18.809	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.240%		
11) 1,1-Dichloroethene-d2	2.050	65	84044	18.282	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.120%		
21) 2-Butanone-d5	3.831	46	63856	26.952	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.900%		
24) Chloroform-d	4.236	84	323308	18.106	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.440%		
26) 1,2-Dichloroethane-d4	4.934	65	182752	19.520	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.080%		
32) Benzene-d6	4.950	84	608149	17.641	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	70.560%		
36) 1,2-Dichloropropane-d6	5.982	67	203474	18.743	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	74.960%		
41) Toluene-d8	7.236	98	517124	17.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	68.000%		
43) trans-1,3-Dichloroprop...	7.551	79	79770	17.921	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	71.680%		
47) 2-Hexanone-d5	8.027	63	48009	32.641	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.280%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	160514	19.787	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.160%		
66) 1,2-Dichlorobenzene-d4	11.558	152	197025	20.466	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.880%		
Target Compounds						Qvalue
13) Acetone	2.150	43	4016	1.088	ug/L	70
16) Methylene chloride	2.439	84	132026	10.388	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	3317	0.346	ug/L	96
46) Tetrachloroethene	7.905	164	18813	2.213	ug/L	98
71) Naphthalene	13.439	128	29945	1.761	ug/L	98

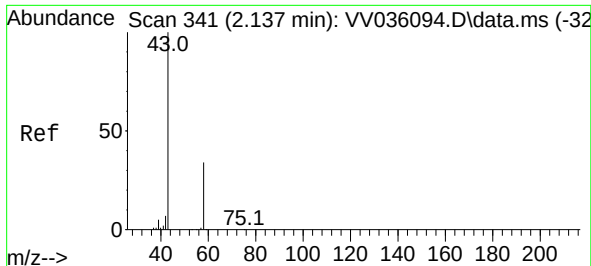
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 18 02:10:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.088 ug/L

RT: 2.150 min Scan# 341

Delta R.T. 0.013 min

Lab File: VV036096.D

Acq: 17 Jun 2024 13:13

Instrument :

MSVOA_V

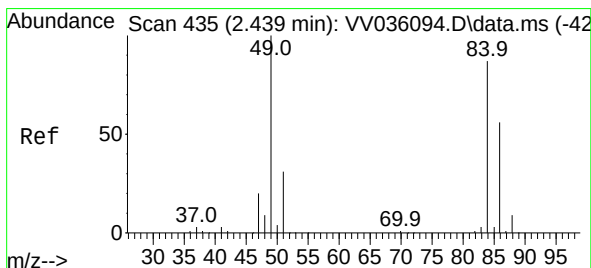
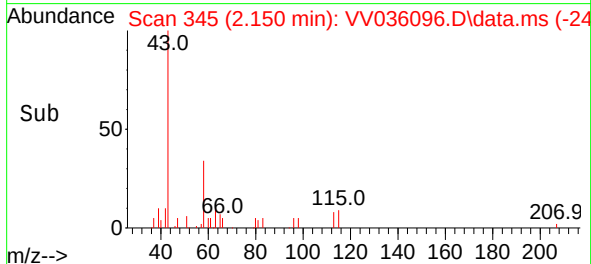
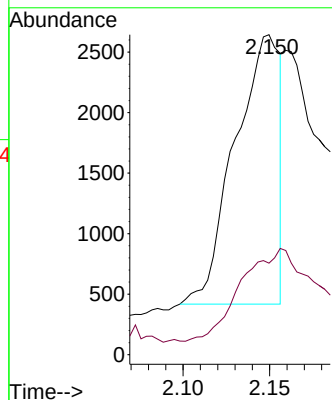
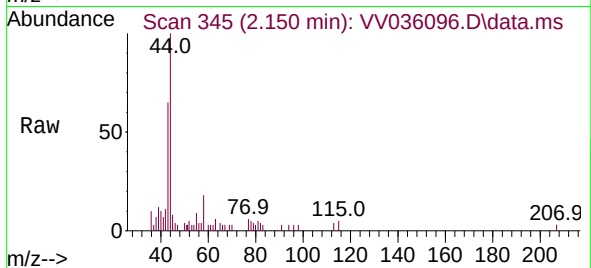
ClientSampleId :

Tgt Ion: 43 Resp: 4016

Ion Ratio Lower Upper

43 100

58 23.9 0.0 24.2



#16

Methylene chloride

Concen: 10.388 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

Lab File: VV036096.D

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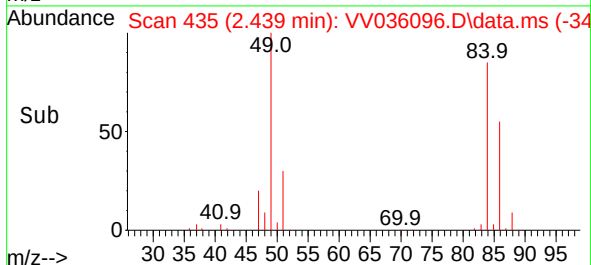
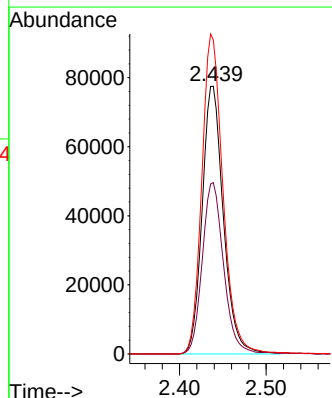
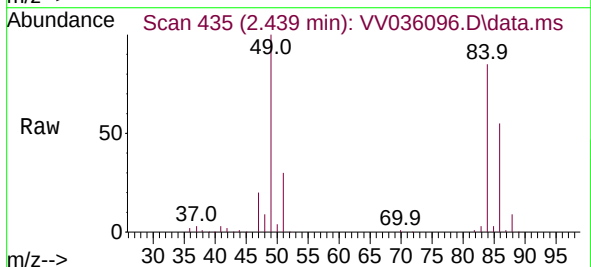
Tgt Ion: 84 Resp: 132026

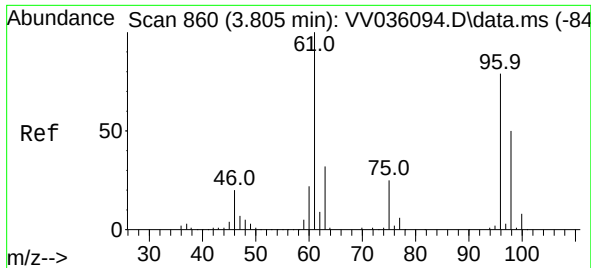
Ion Ratio Lower Upper

84 100

86 64.0 44.6 82.8

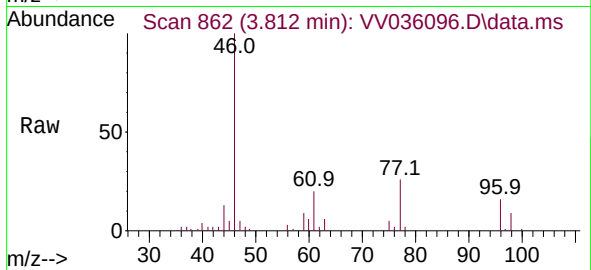
49 117.3 81.1 150.5





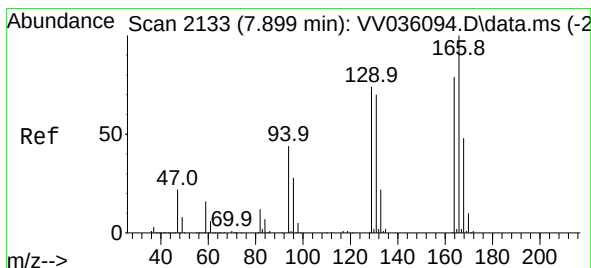
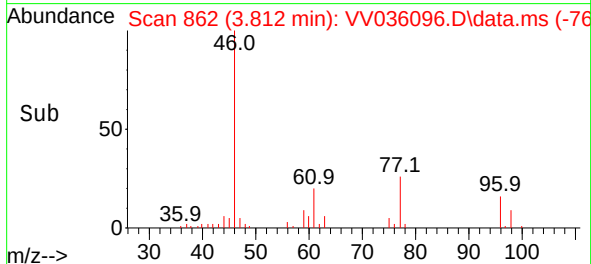
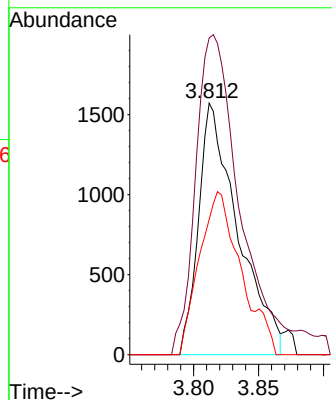
#20
 cis-1,2-Dichloroethene
 Concen: 0.346 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. 0.007 min
 Lab File: VV036096.D
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Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 3317

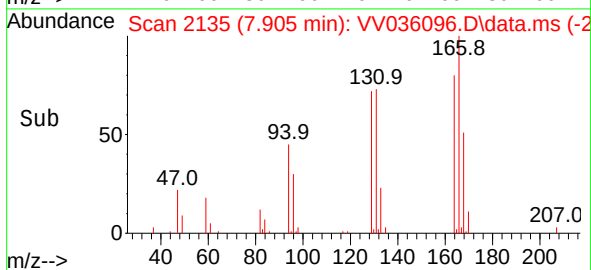
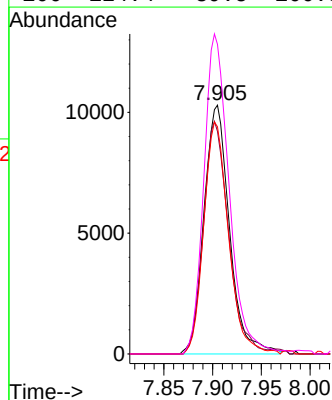
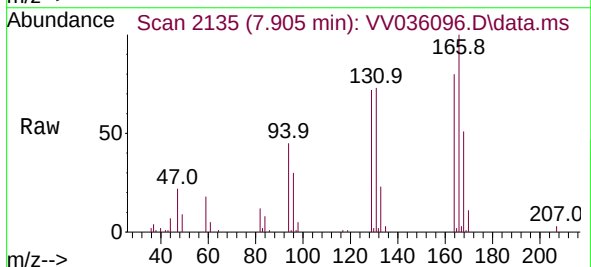
Ion	Ratio	Lower	Upper
96	100		
61	125.9	87.9	163.3
98	53.8	44.4	82.5

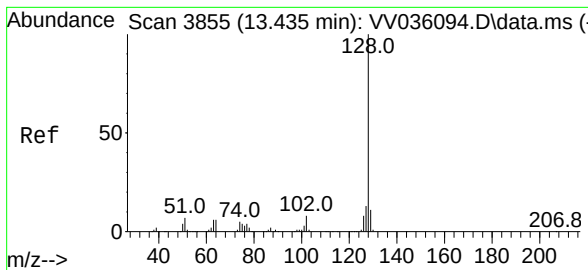


#46
 Tetrachloroethene
 Concen: 2.213 ug/L
 RT: 7.905 min Scan# 2135
 Delta R.T. 0.006 min
 Lab File: VV036096.D
 Acq: 17 Jun 2024 13:13

Tgt Ion: 164 Resp: 18813

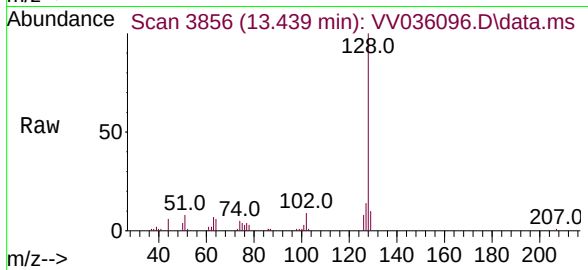
Ion	Ratio	Lower	Upper
164	100		
129	89.5	64.6	120.0
131	91.3	63.2	117.4
166	124.4	89.5	166.3





#71
Naphthalene
Concen: 1.761 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV036096.D
Acq: 17 Jun 2024 13:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	29945
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	16.0
129	10.6	8.8	13.2

