

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033242.D
 Acq On : 12 Dec 2023 02:57
 Operator : SY/MD
 Sample : 05451-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:29:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

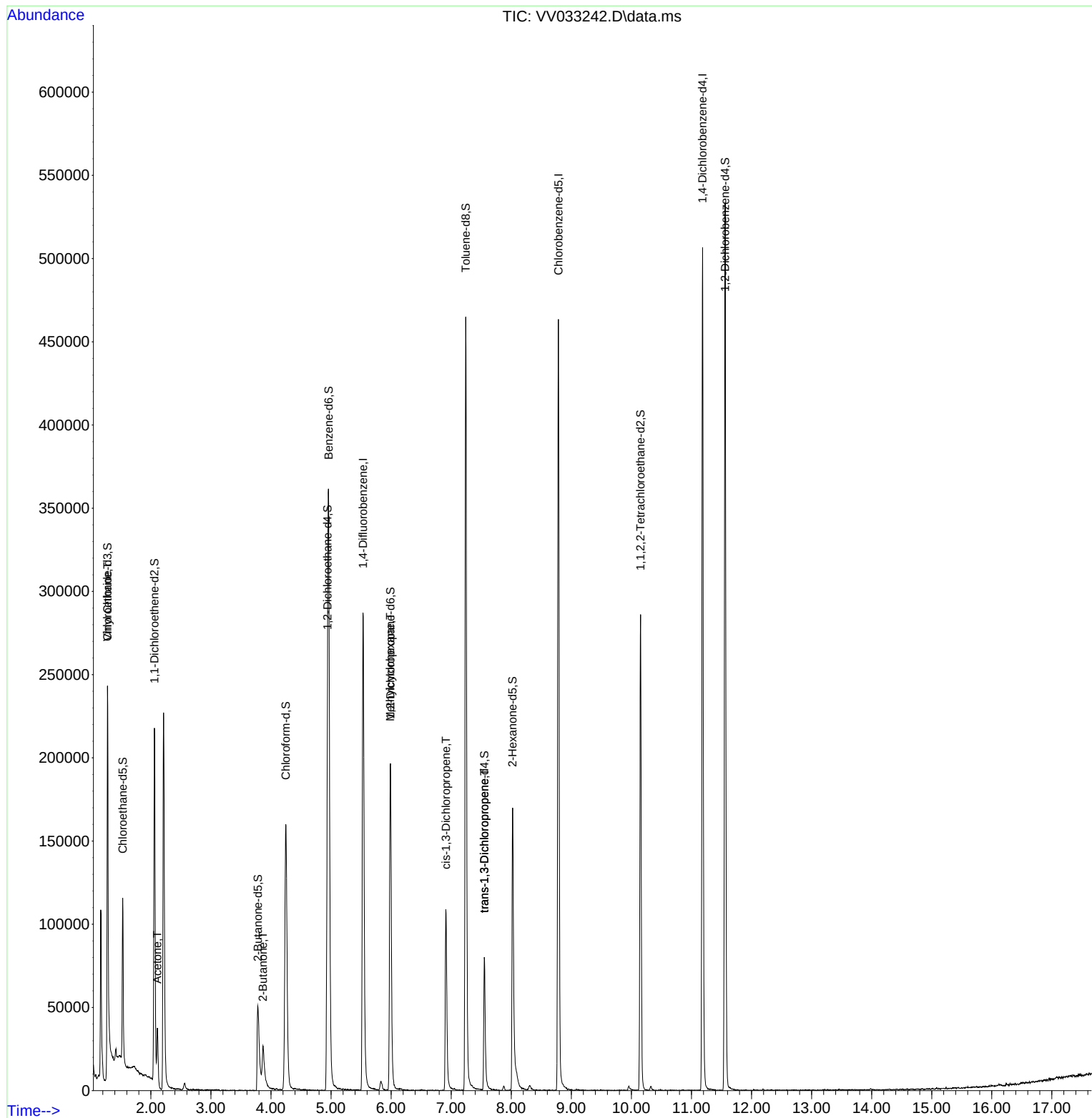
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	273271	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	274199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	141387	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	88494	54.171	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.340%			
7) Chloroethane-d5	1.532	69	61666	54.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.360%			
11) 1,1-Dichloroethene-d2	2.060	65	34143	54.939	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.880%			
21) 2-Butanone-d5	3.780	46	78965	97.321	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.320%			
24) Chloroform-d	4.246	84	176564	50.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.860%			
26) 1,2-Dichloroethane-d4	4.941	65	114066	52.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.840%			
32) Benzene-d6	4.960	84	334586	52.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.340%			
36) 1,2-Dichloropropane-d6	5.989	67	89244	51.757	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.520%			
41) Toluene-d8	7.243	98	318921	52.132	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.260%			
43) trans-1,3-Dichloroprop...	7.551	79	47413	43.485	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.960%			
47) 2-Hexanone-d5	8.021	63	58051	83.804	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.800%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	124864	50.942	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.880%			
66) 1,2-Dichlorobenzene-d4	11.561	152	145671	57.907	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.820%			
Target Compounds						Qvalue
8) Chloroethane	1.278	64	135158	134.363	ug/L #	57
13) Acetone	2.108	43	34902	45.058	ug/L	100
22) 2-Butanone	3.867	43	36616	37.145	ug/L	95
35) Methylcyclohexane	5.986	83	25470	8.454	ug/L #	21
39) cis-1,3-Dichloropropene	6.915	75	3296	1.130	ug/L #	61
44) trans-1,3-Dichloropropene	7.551	75	2523	0.855	ug/L	88

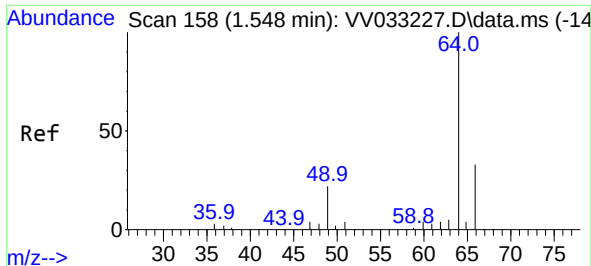
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 134.363 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.270 min

Lab File: VV033242.D

Acq: 12 Dec 2023 02:57

Instrument :

MSVOA_V

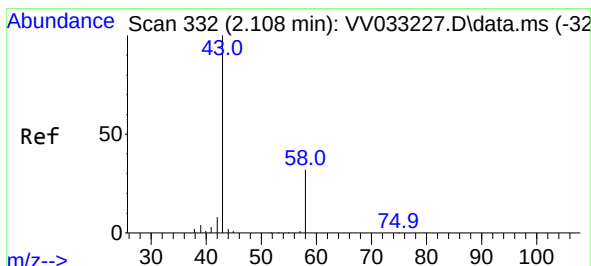
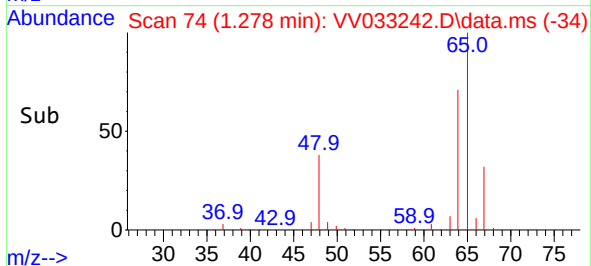
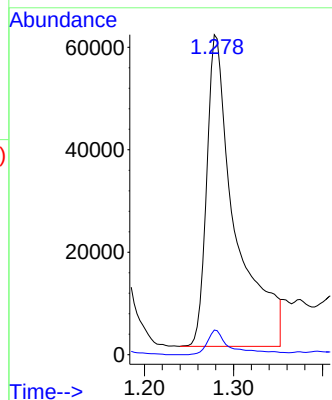
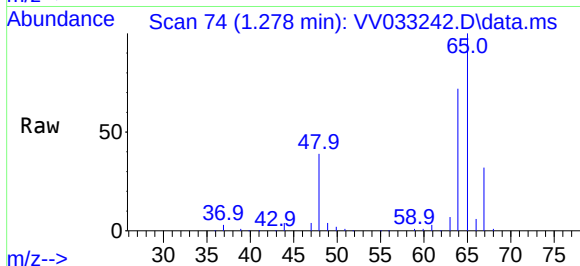
ClientSampleId :

Tgt Ion: 64 Resp: 135158

Ion Ratio Lower Upper

64 100

66 7.7 22.3 41.5#



#13

Acetone

Concen: 45.058 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV033242.D

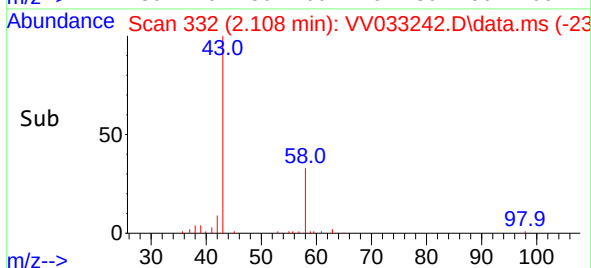
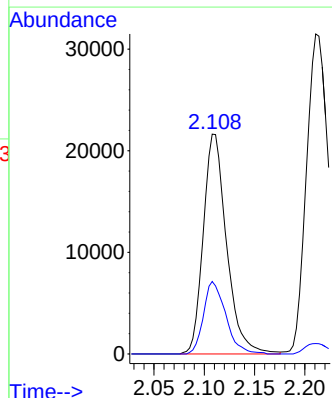
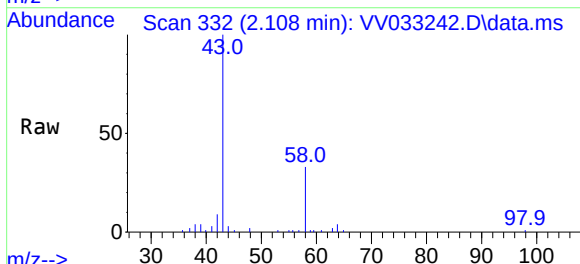
Acq: 12 Dec 2023 02:57

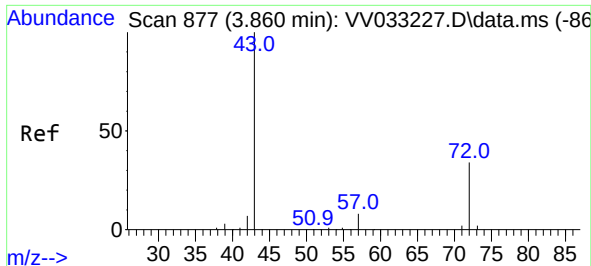
Tgt Ion: 43 Resp: 34902

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.8

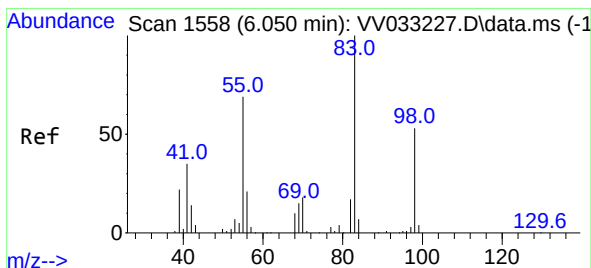
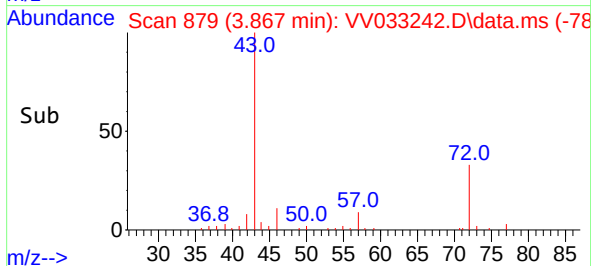
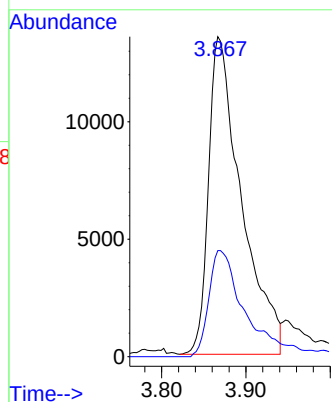
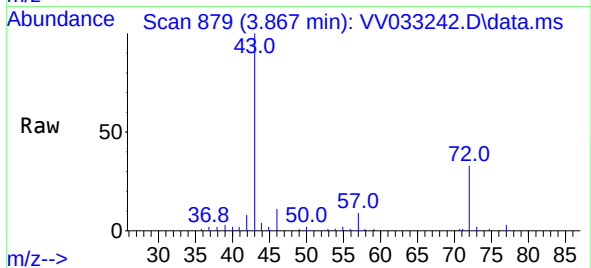




#22
2-Butanone
Concen: 37.145 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.010 min
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Acq: 12 Dec 2023 02:57

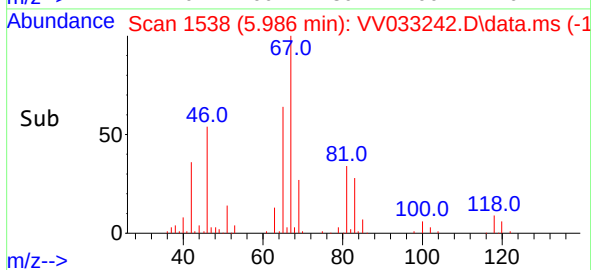
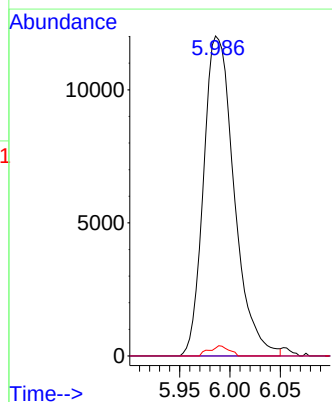
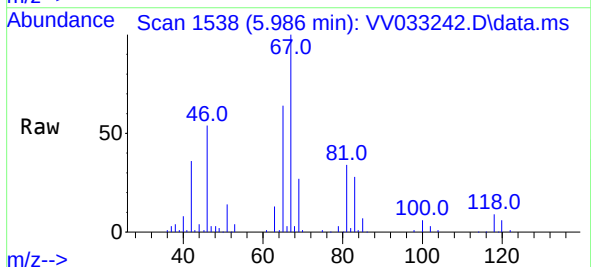
Instrument :
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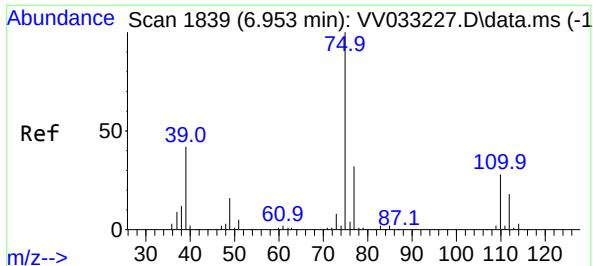
Tgt Ion: 43 Resp: 36616
Ion Ratio Lower Upper
43 100
72 31.7 14.6 43.8



#35
Methylcyclohexane
Concen: 8.454 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.064 min
Lab File: VV033242.D
Acq: 12 Dec 2023 02:57

Tgt Ion: 83 Resp: 25470
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 1.6 41.4 62.0#





#39

cis-1,3-Dichloropropene

Concen: 1.130 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033242.D

Acq: 12 Dec 2023 02:57

Instrument :

MSVOA_V

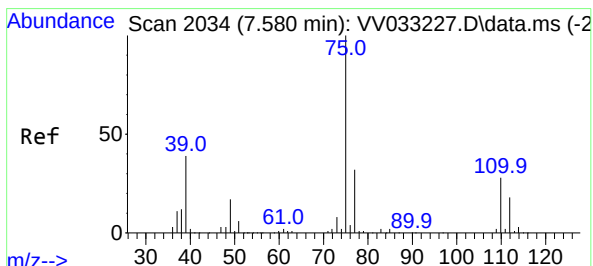
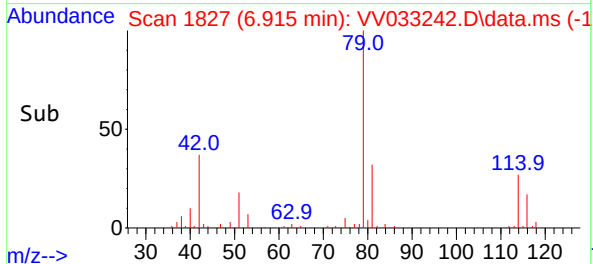
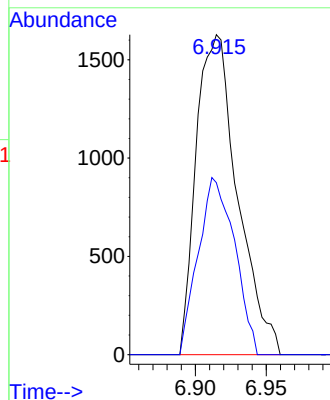
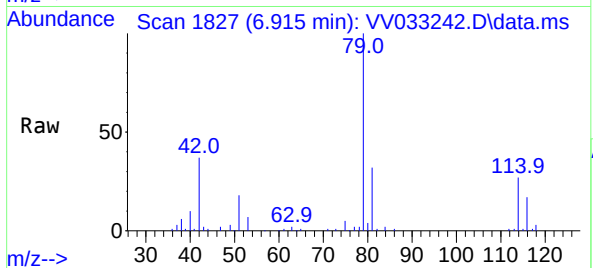
ClientSampleId :

Tgt Ion: 75 Resp: 3296

Ion Ratio Lower Upper

75 100

77 53.7 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.855 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

Lab File: VV033242.D

Acq: 12 Dec 2023 02:57

Tgt Ion: 75 Resp: 2523

Ion Ratio Lower Upper

75 100

77 38.4 22.0 41.0

