

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029527.D
 Acq On : 09 Dec 2022 17:31
 Operator : SY/MD
 Sample : N5959-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK3

Quant Time: Dec 09 23:52:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 09 23:48:53 2022
 Response via : Initial Calibration

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

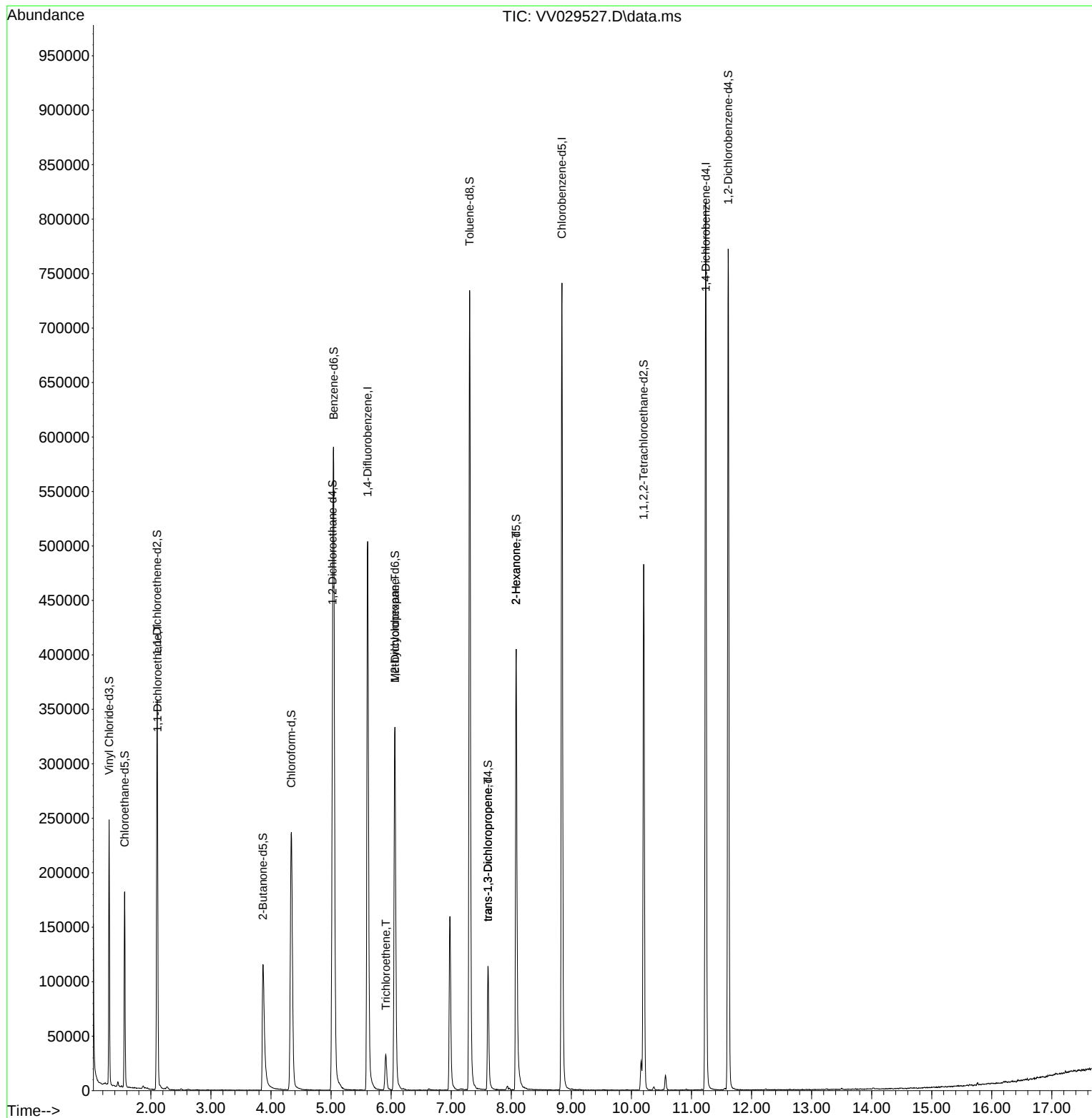
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	464791	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	426067	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	223189	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	149241	52.435	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.880%			
7) Chloroethane-d5	1.565	69	117377	54.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.160%			
11) 1,1-Dichloroethene-d2	2.105	63	182198	41.042	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.080%			
21) 2-Butanone-d5	3.867	46	184212	106.098	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.100%			
24) Chloroform-d	4.339	84	262300	48.973	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.940%			
26) 1,2-Dichloroethane-d4	5.024	65	156668	51.216	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.440%			
32) Benzene-d6	5.044	84	567764	50.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.860%			
36) 1,2-Dichloropropane-d6	6.063	67	173049	50.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.640%			
41) Toluene-d8	7.307	98	518674	48.896	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.800%			
43) trans-1,3-Dichloroprop...	7.613	79	68625	39.520	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.040%			
47) 2-Hexanone-d5	8.082	63	158703	108.074	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.070%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	241749	49.195	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.400%			
66) 1,2-Dichlorobenzene-d4	11.612	152	210905	49.640	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.280%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	2363	0.951	ug/L #	1
34) Trichloroethene	5.912	95	11347	3.770	ug/L	95
35) Methylcyclohexane	6.063	83	42201	8.256	ug/L #	21
44) trans-1,3-Dichloropropene	7.613	75	2765	0.612	ug/L #	70
48) 2-Hexanone	8.082	43	14577	5.521	ug/L #	61

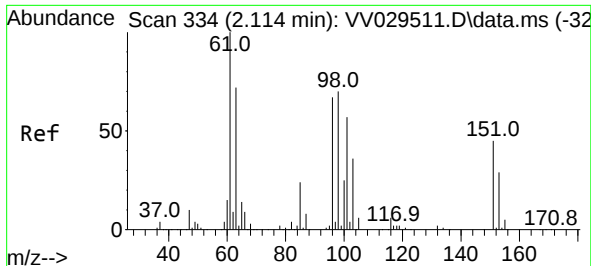
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 09 23:48:53 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.951 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029527.D

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Instrument :

MSVOA_V

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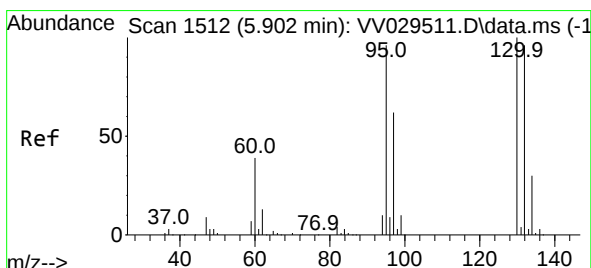
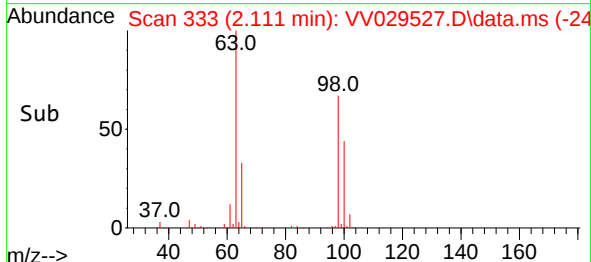
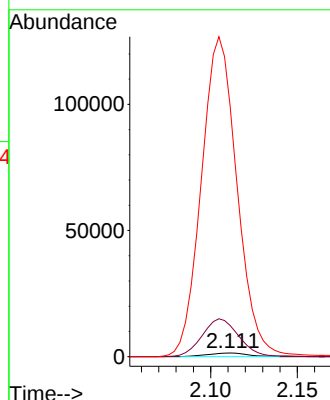
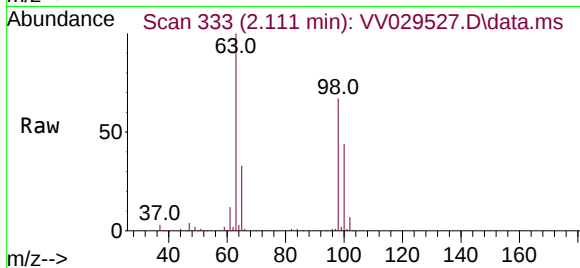
Tgt Ion: 96 Resp: 2363

Ion Ratio Lower Upper

96 100

61 849.6 103.3 191.9#

63 6837.2 77.3 143.7#



#34

Trichloroethene

Concen: 3.770 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.010 min

Lab File: VV029527.D

Acq: 09 Dec 2022 17:31

Tgt Ion: 95 Resp: 11347

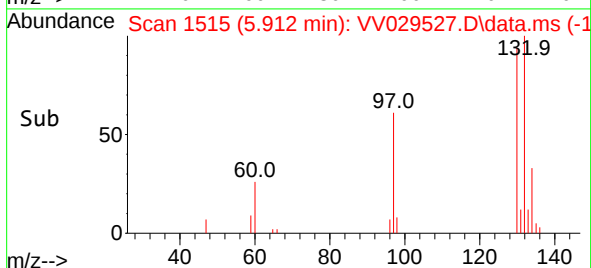
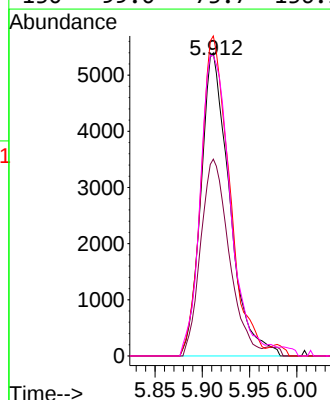
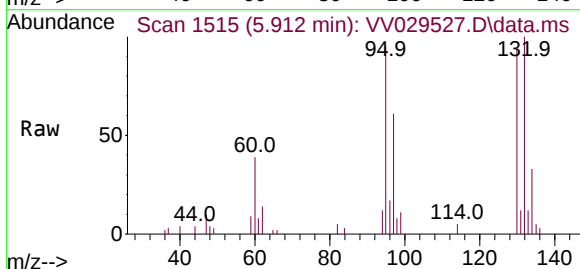
Ion Ratio Lower Upper

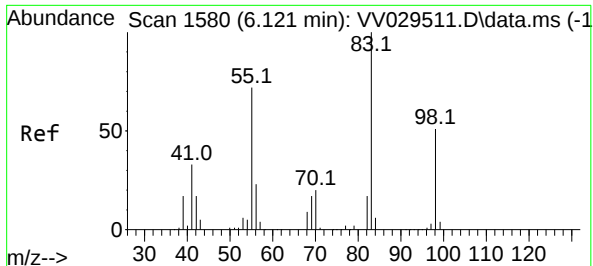
95 100

97 64.9 44.0 81.8

132 105.6 69.9 129.9

130 99.0 73.7 136.9





#35

Methylcyclohexane

Concen: 8.256 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.058 min

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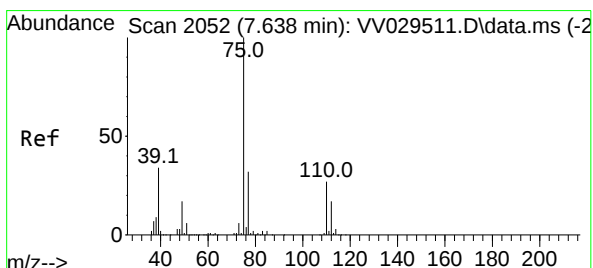
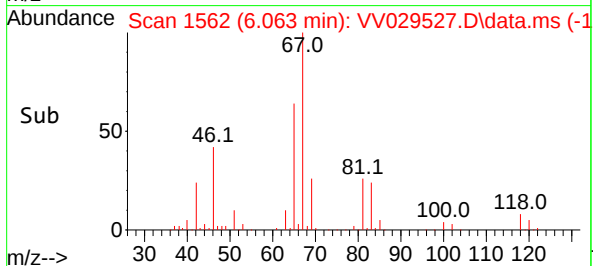
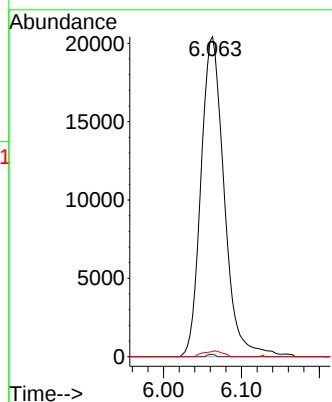
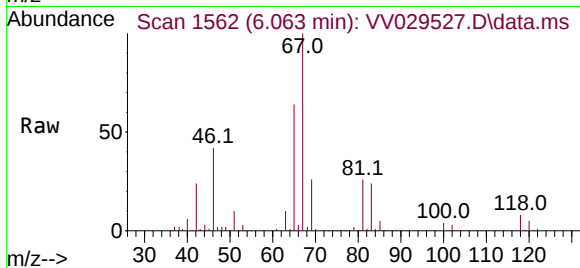
Tgt Ion: 83 Resp: 42201

Ion Ratio Lower Upper

83 100

55 0.2 55.5 83.3#

98 1.5 39.8 59.8#



#44

trans-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 7.613 min Scan# 2044

Delta R.T. -0.026 min

Lab File: VV029527.D

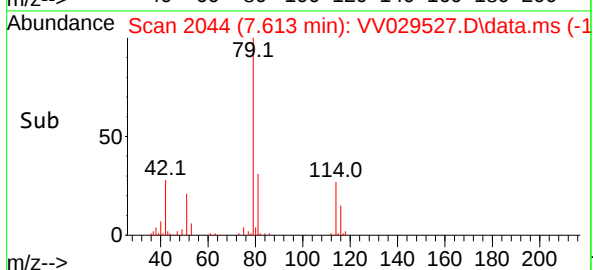
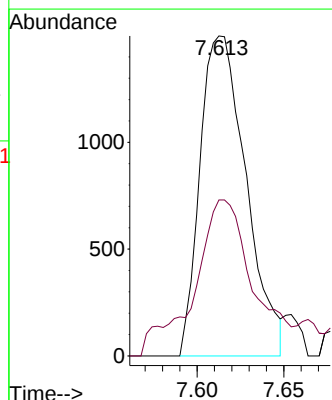
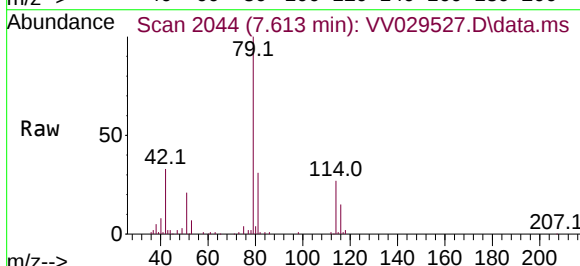
Acq: 09 Dec 2022 17:31

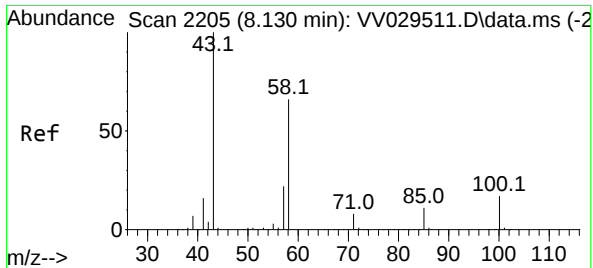
Tgt Ion: 75 Resp: 2765

Ion Ratio Lower Upper

75 100

77 48.7 22.3 41.5#





#48
 2-Hexanone
 Concen: 5.521 ug/L
 RT: 8.082 min Scan# 21
 Delta R.T. -0.048 min
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Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK3

Tgt Ion: 43	Resp: 14577
Ion Ratio	Lower Upper
43 100	
58 32.1	54.1 81.1#
57 31.8	17.4 26.0#
100 0.3	13.6 20.4#

