

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010924\
 Data File : VU057444.D
 Acq On : 09 Jan 2024 17:00
 Operator : MD/SY
 Sample : 05787-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 00:38:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 10 00:35:16 2024
 Response via : Initial Calibration

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

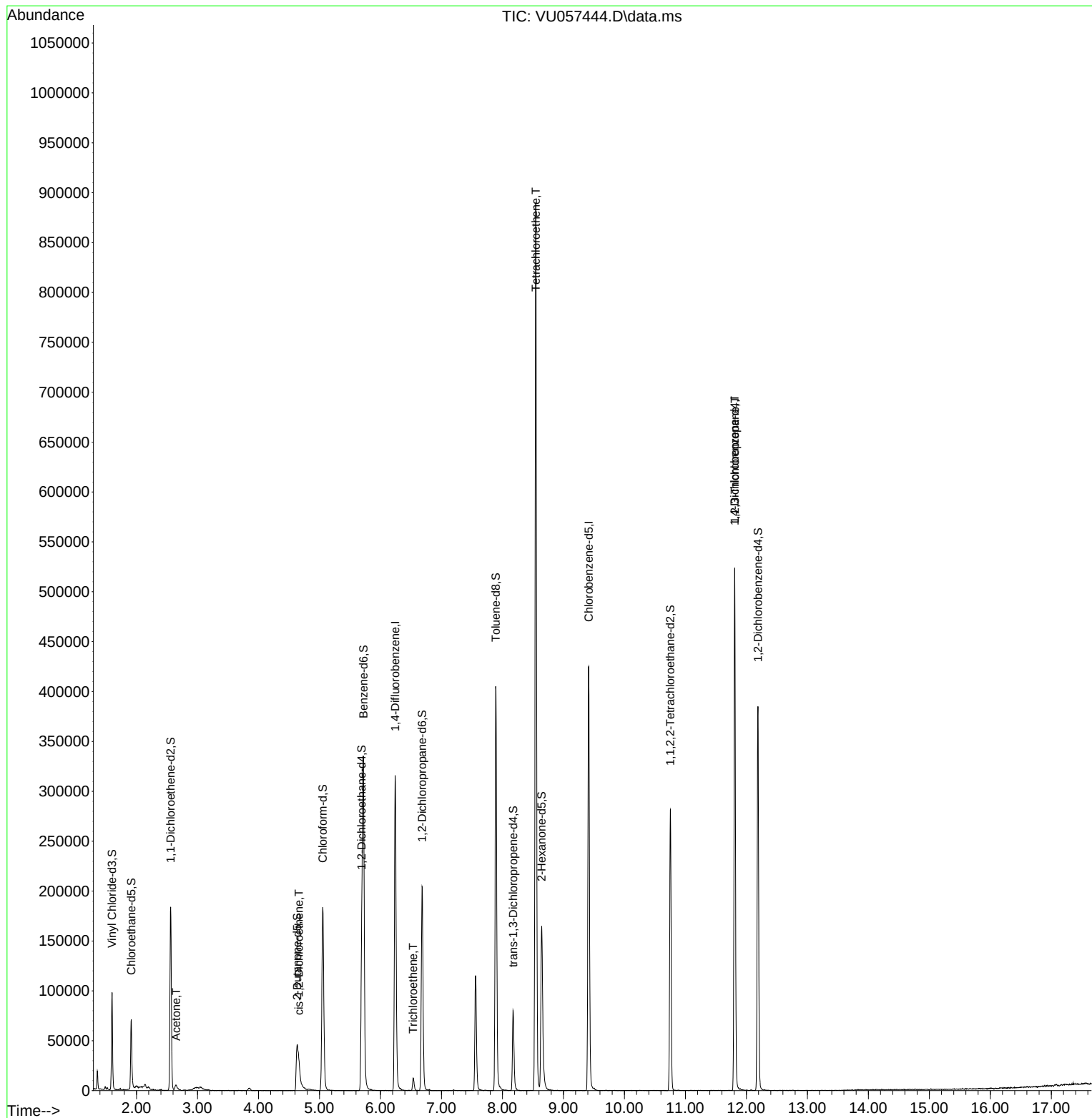
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	256570	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	248780	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131822	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	66367	37.583	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.160%		
7) Chloroethane-d5	1.914	69	53995	39.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.020%		
11) 1,1-Dichloroethene-d2	2.560	63	111620	29.822	ug/L	0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.640%#		
21) 2-Butanone-d5	4.634	46	82947	96.937	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.940%		
24) Chloroform-d	5.055	84	175715	42.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.160%		
26) 1,2-Dichloroethane-d4	5.692	65	127009	46.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.080%		
32) Benzene-d6	5.721	84	306809	45.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.880%		
36) 1,2-Dichloropropane-d6	6.682	67	88255	46.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.640%		
41) Toluene-d8	7.891	98	279050	44.590	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.180%		
43) trans-1,3-Dichloroprop...	8.177	79	52205	46.403	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.800%		
47) 2-Hexanone-d5	8.643	63	61229	99.372	ug/L	-0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.370%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	128254	45.533	ug/L	-0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.060%		
66) 1,2-Dichlorobenzene-d4	12.190	152	98260	38.111	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.220%#		
Target Compounds						
					Qvalue	
13) Acetone	2.650	43	9668	9.278	ug/L	67
20) cis-1,2-Dichloroethene	4.663	96	5974	3.140	ug/L	91
34) Trichloroethene	6.537	95	4406	2.159	ug/L	93
46) Tetrachloroethene	8.547	164	185070	119.860	ug/L	98
60) 1,2,3-Trichloropropane	11.811	75	15379	6.159	ug/L #	62

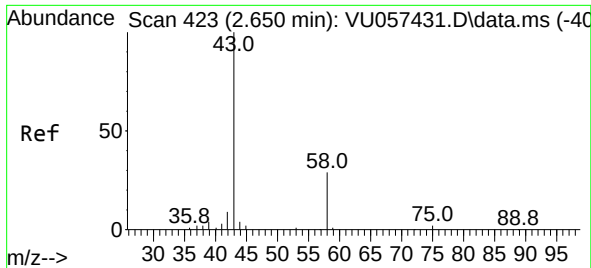
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 9.278 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057444.D

Acq: 09 Jan 2024 17:00

Instrument :

MSVOA_U

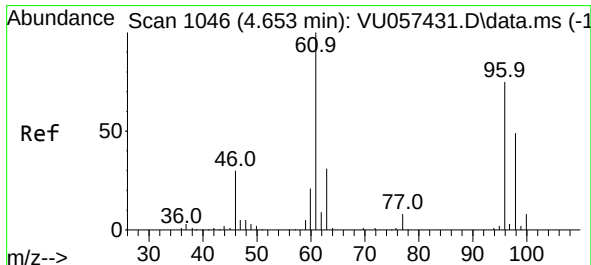
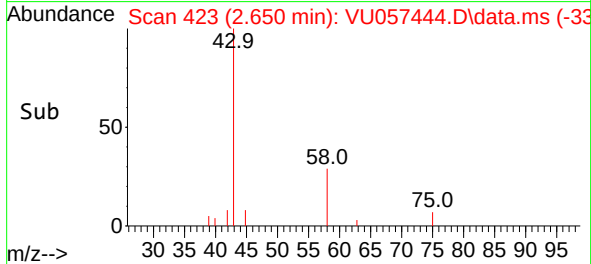
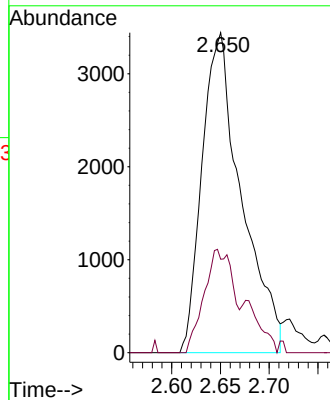
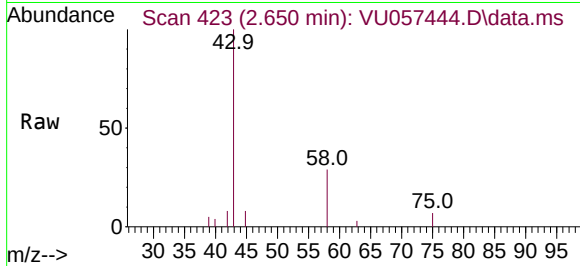
ClientSampleId :

Tgt Ion: 43 Resp: 9668

Ion Ratio Lower Upper

43 100

58 14.2 0.0 65.2



#20

cis-1,2-Dichloroethene

Concen: 3.140 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU057444.D

Acq: 09 Jan 2024 17:00

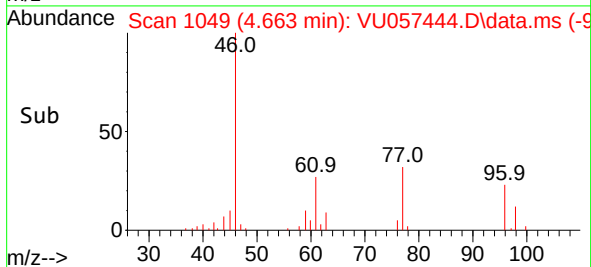
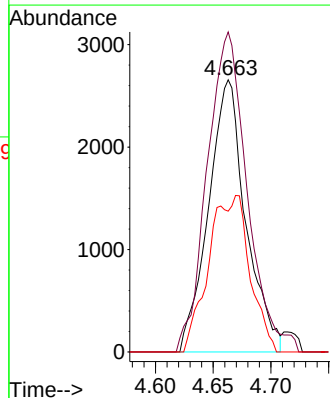
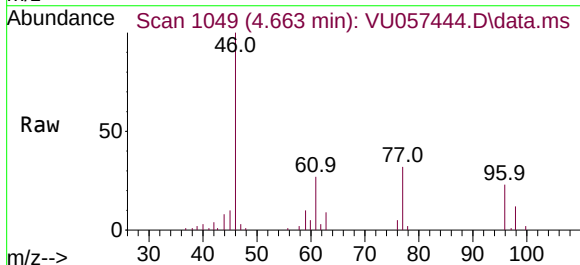
Tgt Ion: 96 Resp: 5974

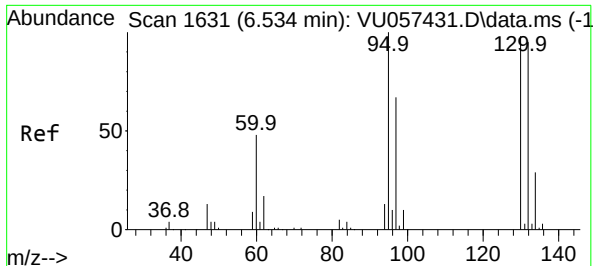
Ion Ratio Lower Upper

96 100

61 117.6 88.0 163.4

98 51.7 43.4 80.6





#34

Trichloroethene

Concen: 2.159 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057444.D

Acq: 09 Jan 2024 17:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4406

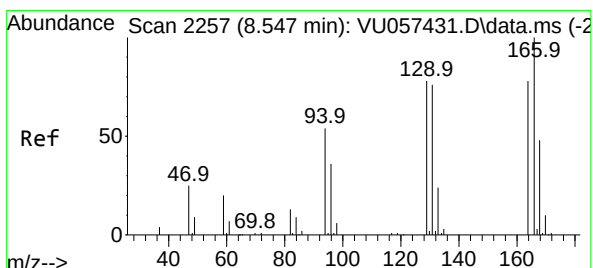
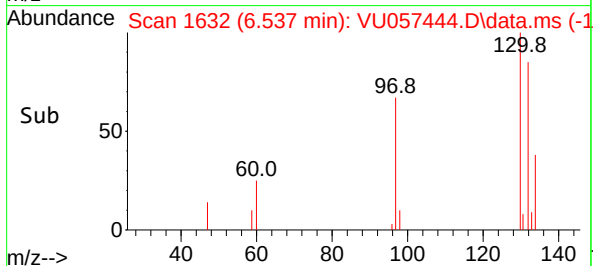
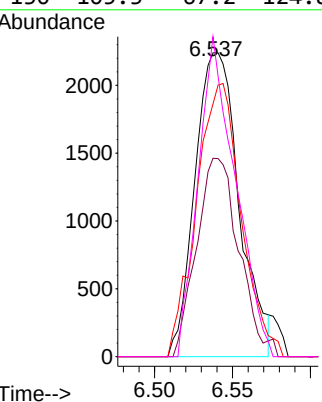
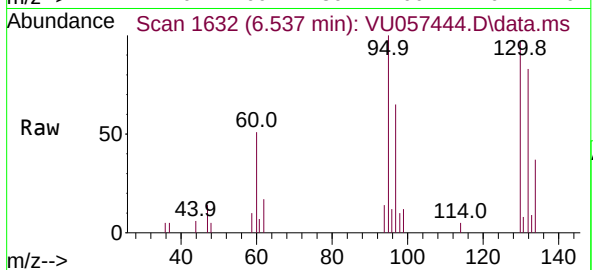
Ion Ratio Lower Upper

95 100

97 65.3 46.2 85.8

132 83.2 64.3 119.5

130 105.3 67.2 124.8



#46

Tetrachloroethene

Concen: 119.860 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057444.D

Acq: 09 Jan 2024 17:00

Tgt Ion:164 Resp: 185070

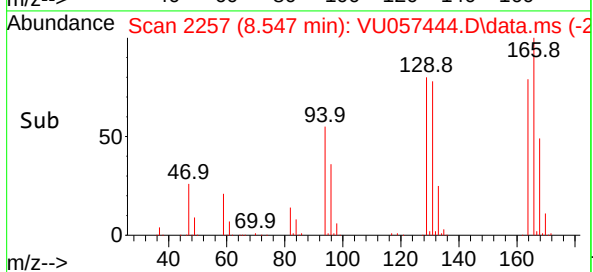
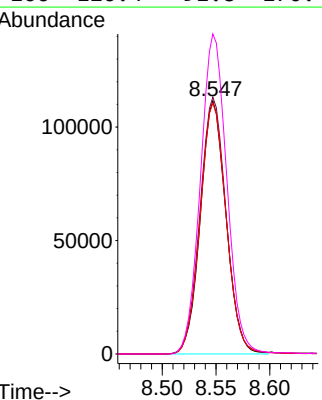
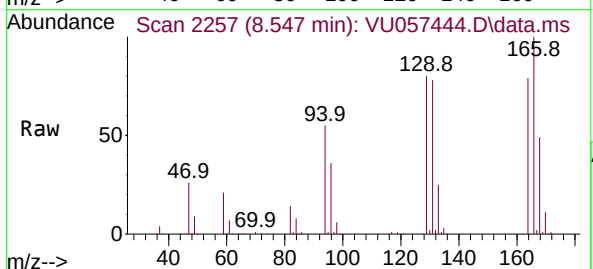
Ion Ratio Lower Upper

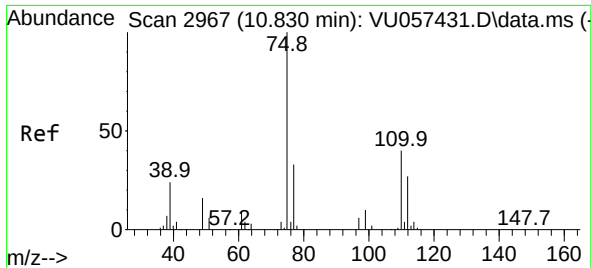
164 100

129 101.5 72.3 134.3

131 99.2 68.8 127.8

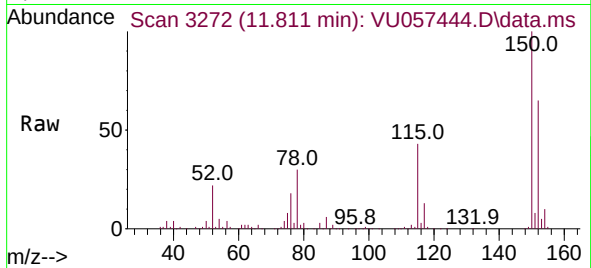
166 126.4 91.8 170.4





#60
 1,2,3-Trichloropropane
 Concen: 6.159 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.981 min
 Lab File: VU057444.D
 Acq: 09 Jan 2024 17:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.0	39.0
110	0.7	33.6	50.4#

