

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057387.D
 Acq On : 08 Jan 2024 17:07
 Operator : MD/SY
 Sample : 05787-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 05:05:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:42:22 2024
 Response via : Initial Calibration

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

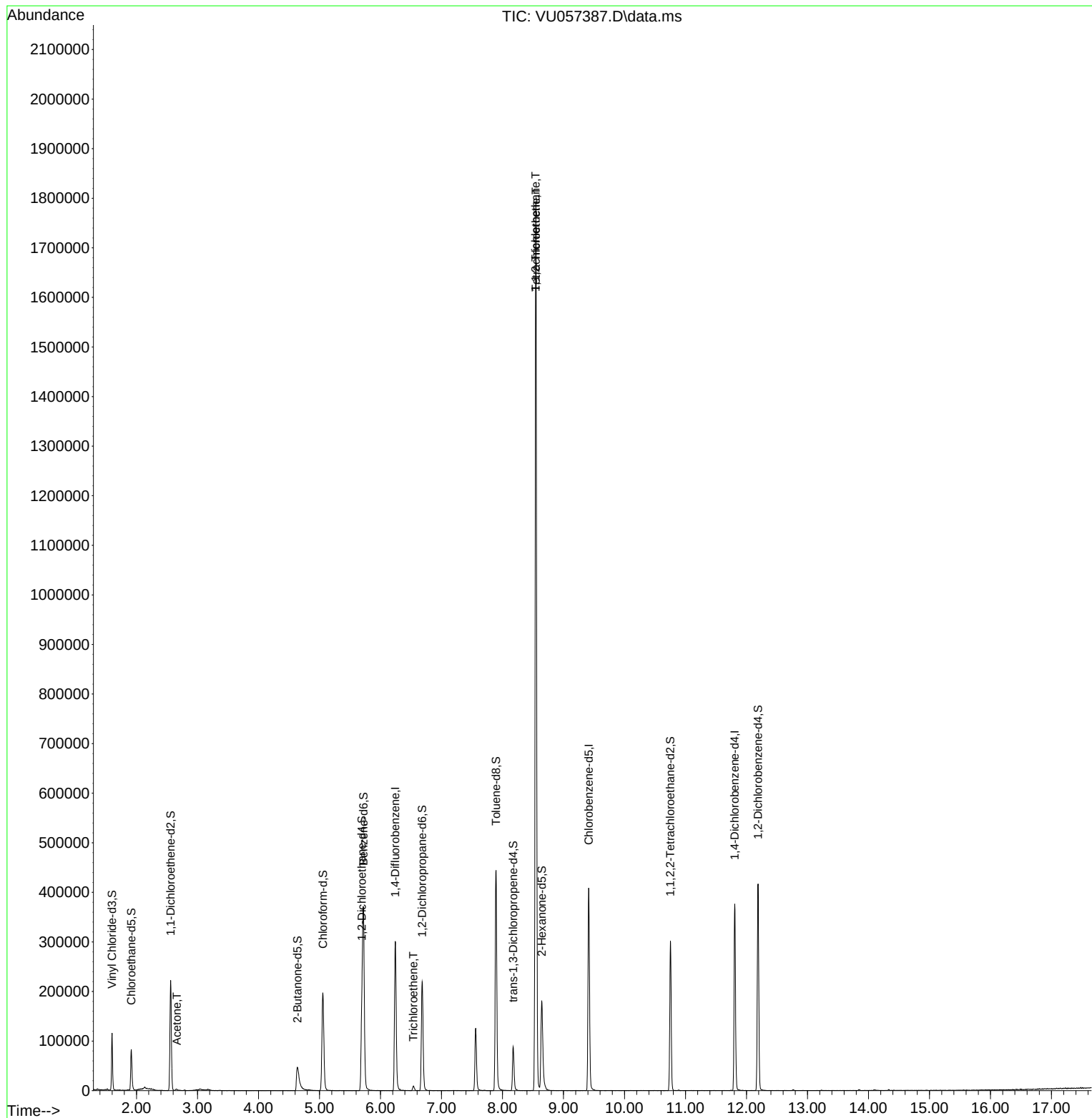
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	243507	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	236822	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99726	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	82668	49.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.660%		
7) Chloroethane-d5	1.914	69	66208	51.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.100%		
11) 1,1-Dichloroethene-d2	2.560	63	134594	37.889	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.780%		
21) 2-Butanone-d5	4.637	46	78304	96.420	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.420%		
24) Chloroform-d	5.055	84	190661	48.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.220%		
26) 1,2-Dichloroethane-d4	5.695	65	138041	52.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.440%		
32) Benzene-d6	5.721	84	340699	53.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.180%		
36) 1,2-Dichloropropane-d6	6.682	67	97199	54.173	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.340%		
41) Toluene-d8	7.894	98	307409	51.602	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.200%		
43) trans-1,3-Dichloroprop...	8.174	79	55386	51.717	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.440%		
47) 2-Hexanone-d5	8.643	63	68939	117.534	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	117.530%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	136902	51.058	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.120%		
66) 1,2-Dichlorobenzene-d4	12.190	152	108842	55.802	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.600%		
Target Compounds					Qvalue	
13) Acetone	2.660	43	3301	3.338	ug/L	71
34) Trichloroethene	6.537	95	3793	1.952	ug/L	79
45) 1,1,2-Trichloroethane	8.544	97	3877	2.145	ug/L #	33
46) Tetrachloroethene	8.547	164	376927	256.442	ug/L	98

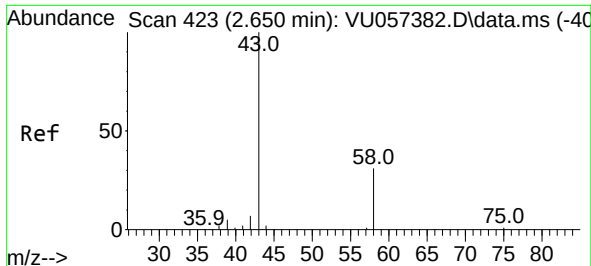
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.338 ug/L

RT: 2.660 min Scan# 426

Delta R.T. 0.010 min

Lab File: VU057387.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_U

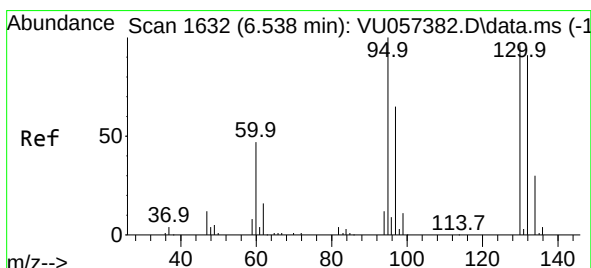
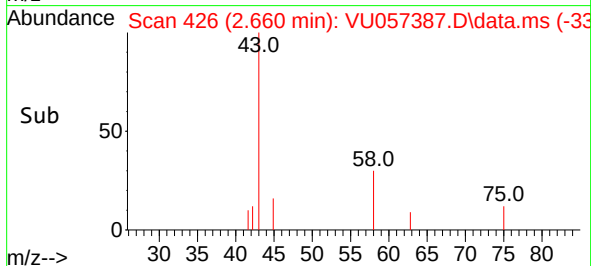
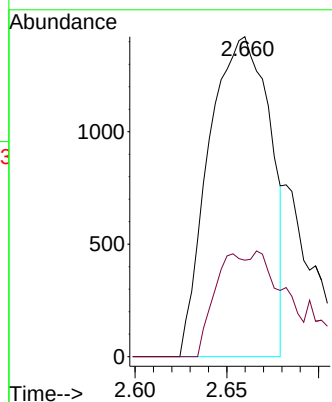
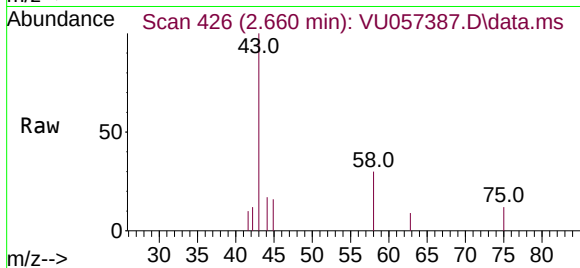
ClientSampleId :

Tgt Ion: 43 Resp: 3301

Ion Ratio Lower Upper

43 100

58 16.3 0.0 65.2



#34

Trichloroethene

Concen: 1.952 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.001 min

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Tgt Ion: 95 Resp: 3793

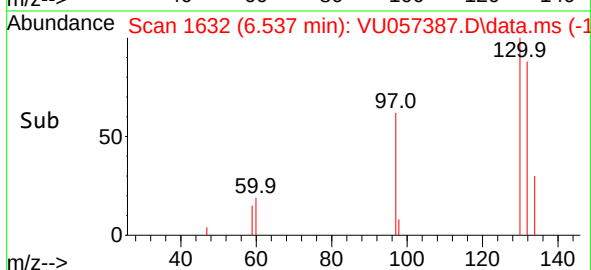
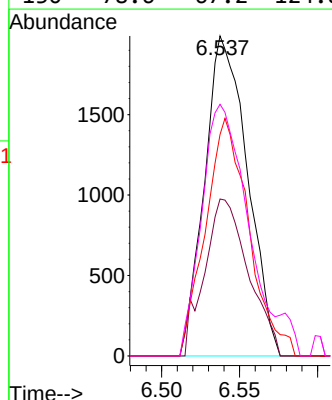
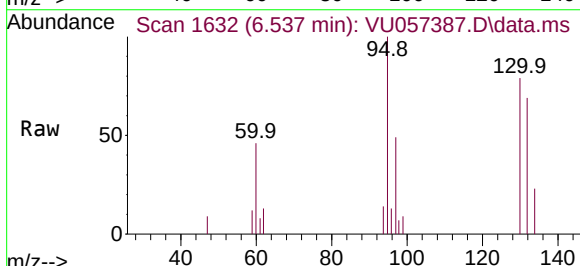
Ion Ratio Lower Upper

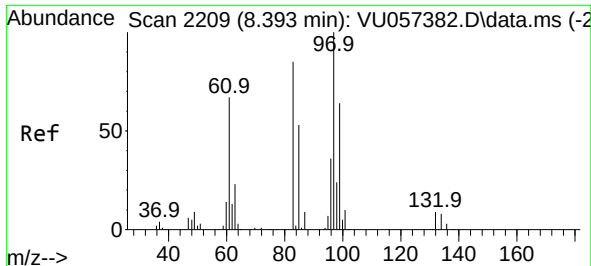
95 100

97 49.0 46.2 85.8

132 69.2 64.3 119.5

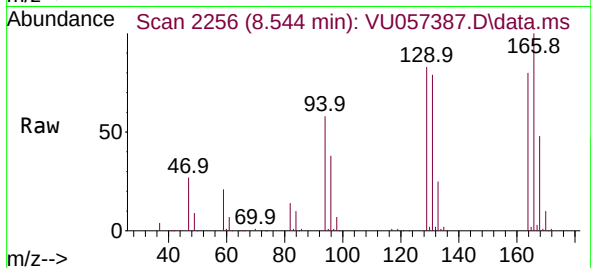
130 78.6 67.2 124.8



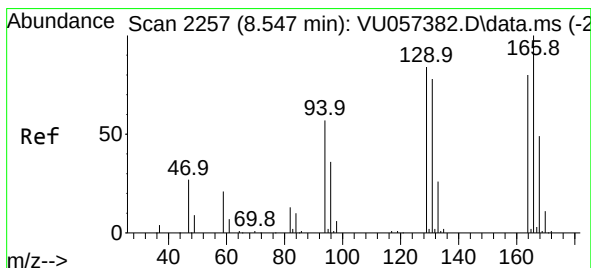
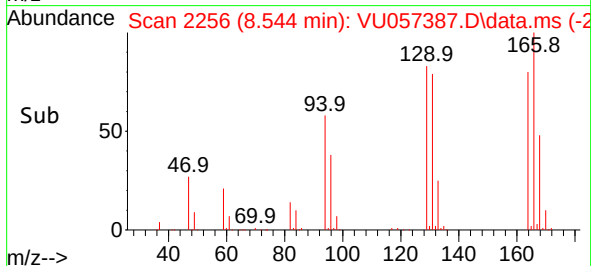
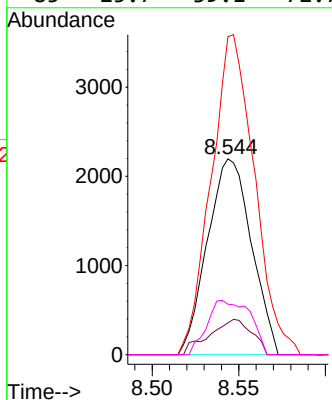


#45
1,1,2-Trichloroethane
Concen: 2.145 ug/L
RT: 8.544 min Scan# 2209
Delta R.T. 0.151 min
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Instrument :
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ClientSampleId :



Tgt Ion: 97 Resp: 3877
Ion Ratio Lower Upper
97 100
99 16.2 43.3 80.5#
83 162.5 56.9 105.7#
85 25.7 39.1 72.7#



#46
Tetrachloroethene
Concen: 256.442 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057387.D
Acq: 08 Jan 2024 17:07

Tgt Ion:164 Resp: 376927
Ion Ratio Lower Upper
164 100
129 102.5 72.3 134.3
131 98.5 68.8 127.8
166 126.3 91.8 170.4

