

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010924\
 Data File : VU057442.D
 Acq On : 09 Jan 2024 16:12
 Operator : MD/SY
 Sample : 05787-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 00:38:01 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)

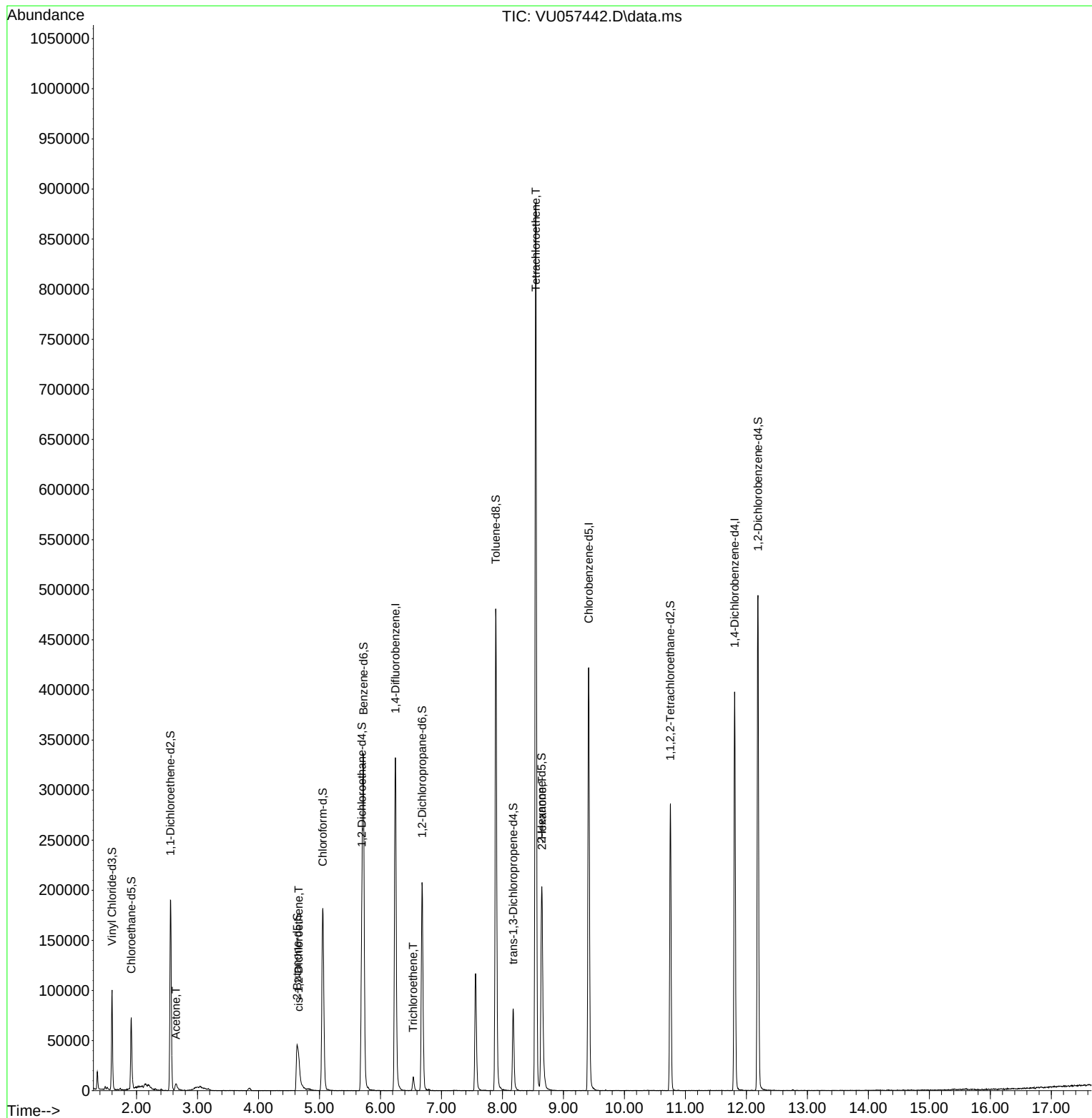
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	283009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	251704	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	67419	34.612	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.220%		
7) Chloroethane-d5	1.914	69	56300	37.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.700%		
11) 1,1-Dichloroethene-d2	2.557	63	115926	28.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.160%#		
21) 2-Butanone-d5	4.634	46	83101	88.045	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.040%		
24) Chloroform-d	5.052	84	178236	38.695	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.380%		
26) 1,2-Dichloroethane-d4	5.695	65	123343	40.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.060%		
32) Benzene-d6	5.721	84	311209	46.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.120%		
36) 1,2-Dichloropropane-d6	6.682	67	89217	46.784	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.560%		
41) Toluene-d8	7.891	98	329244	52.000	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.000%		
43) trans-1,3-Dichloroprop...	8.177	79	52095	45.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.540%		
47) 2-Hexanone-d5	8.643	63	79111	126.902	ug/L	-0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	126.900%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	130119	45.659	ug/L	-0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.320%		
66) 1,2-Dichlorobenzene-d4	12.190	152	127684	62.268	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	124.540%#		
Target Compounds					Qvalue	
13) Acetone	2.647	43	10914	9.495	ug/L	65
20) cis-1,2-Dichloroethene	4.660	96	6090	2.902	ug/L	98
34) Trichloroethene	6.537	95	4688	2.270	ug/L	92
46) Tetrachloroethene	8.547	164	187273	119.878	ug/L	98
48) 2-Hexanone	8.650	43	11566	8.083	ug/L #	75

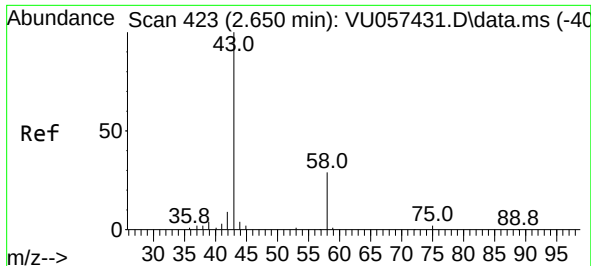
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.495 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057442.D

Acq: 09 Jan 2024 16:12

Instrument :

MSVOA_U

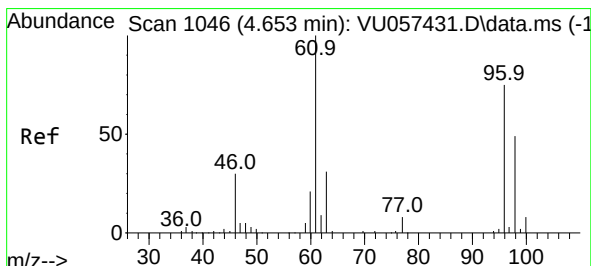
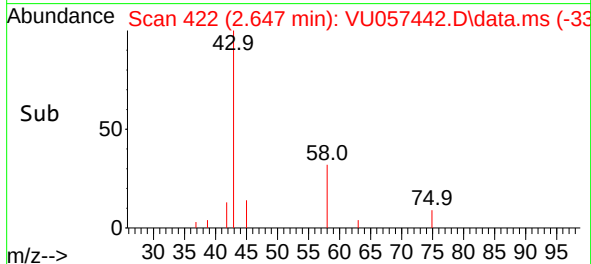
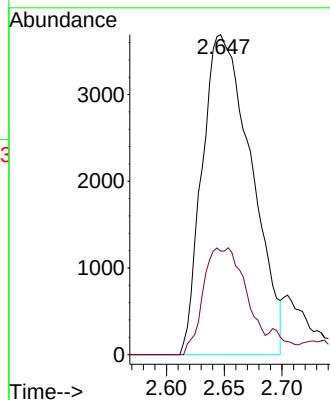
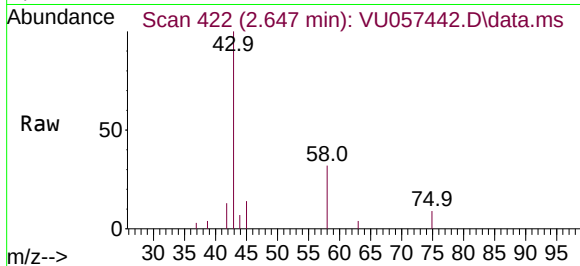
ClientSampleId :

Tgt Ion: 43 Resp: 10914

Ion Ratio Lower Upper

43 100

58 12.8 0.0 65.2



#20

cis-1,2-Dichloroethene

Concen: 2.902 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.007 min

Lab File: VU057442.D

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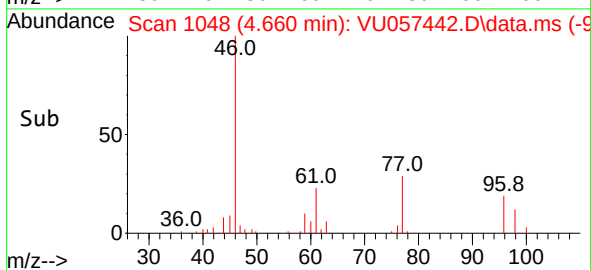
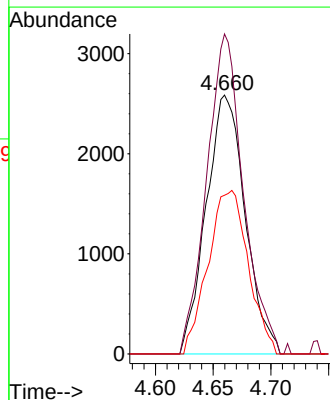
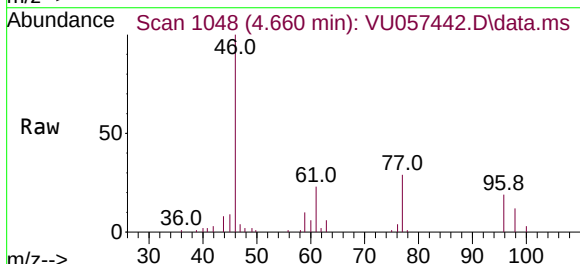
Tgt Ion: 96 Resp: 6090

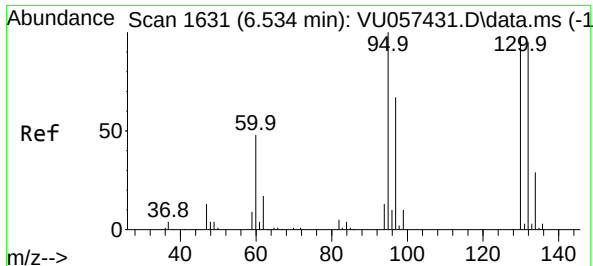
Ion Ratio Lower Upper

96 100

61 123.6 88.0 163.4

98 61.3 43.4 80.6

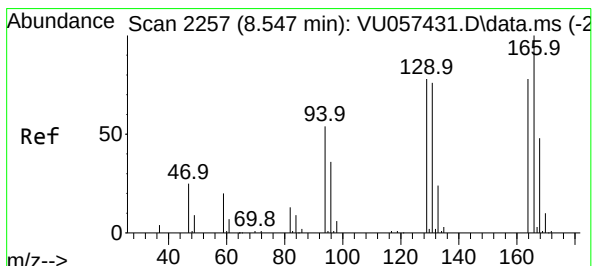
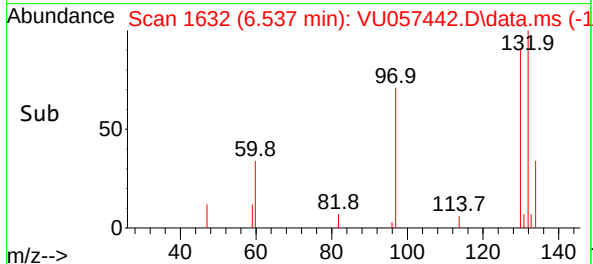
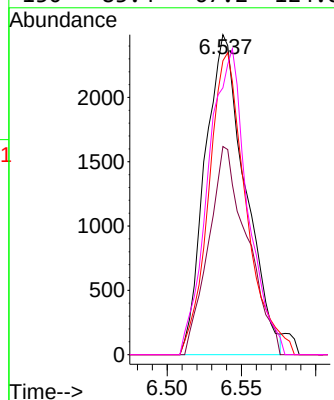
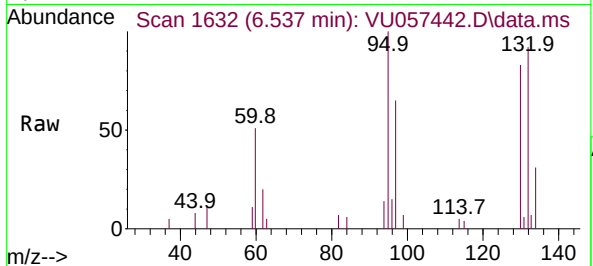




#34
 Trichloroethene
 Concen: 2.270 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU057442.D
 Acq: 09 Jan 2024 16:12

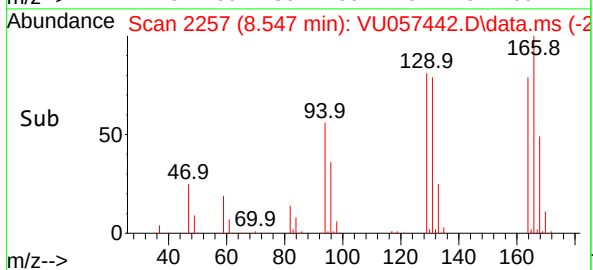
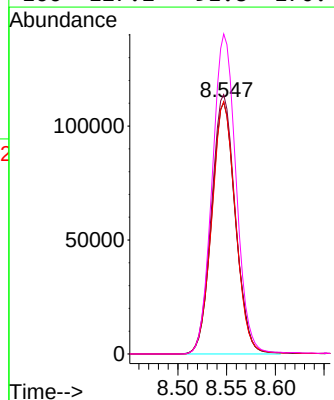
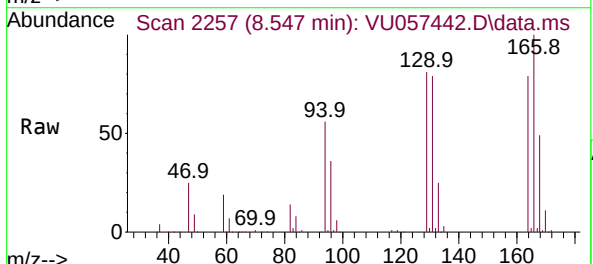
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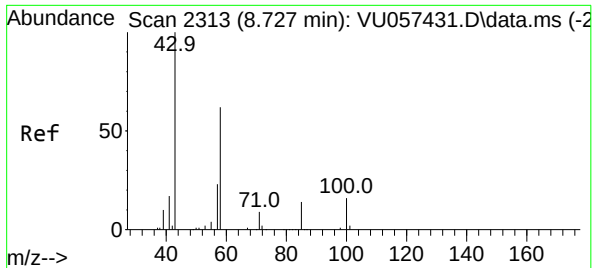
Tgt Ion: 95 Resp: 4688
 Ion Ratio Lower Upper
 95 100
 97 65.0 46.2 85.8
 132 98.5 64.3 119.5
 130 83.4 67.2 124.8



#46
 Tetrachloroethene
 Concen: 119.878 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: VU057442.D
 Acq: 09 Jan 2024 16:12

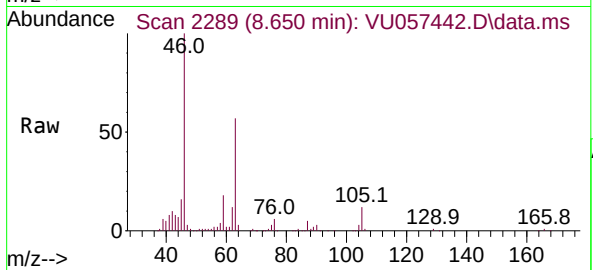
Tgt Ion: 164 Resp: 187273
 Ion Ratio Lower Upper
 164 100
 129 103.1 72.3 134.3
 131 100.3 68.8 127.8
 166 127.2 91.8 170.4





#48
 2-Hexanone
 Concen: 8.083 ug/L
 RT: 8.650 min Scan# 21
 Delta R.T. -0.077 min
 Lab File: VU057442.D
 Acq: 09 Jan 2024 16:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 11566
Ion Ratio	Lower Upper
43	100
58	43.1 49.4 74.2#
57	32.9 19.1 28.7#
100	0.4 13.0 19.6#

