

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057389.D
 Acq On : 08 Jan 2024 17:55
 Operator : MD/SY
 Sample : 05787-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 05:05:35 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)

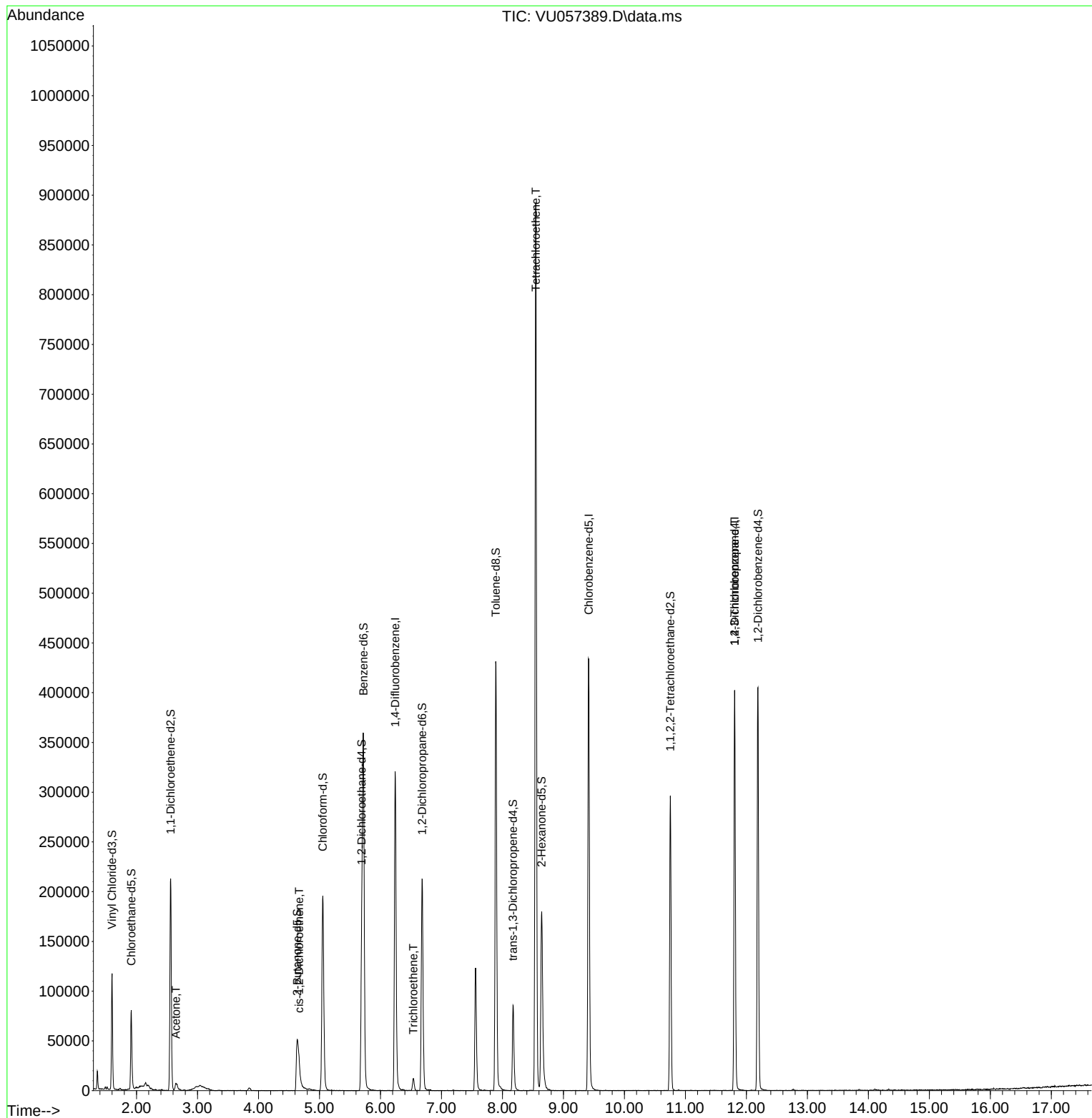
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	256578	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253691	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80563	45.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.240%
7) Chloroethane-d5	1.914	69	63038	46.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.260%
11) 1,1-Dichloroethene-d2	2.560	63	129132	34.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.000%
21) 2-Butanone-d5	4.634	46	90498	105.759	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.760%
24) Chloroform-d	5.055	84	184620	44.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.420%
26) 1,2-Dichloroethane-d4	5.692	65	129989	47.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
32) Benzene-d6	5.721	84	332167	48.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
36) 1,2-Dichloropropane-d6	6.685	67	91877	47.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	7.891	98	296095	46.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.174	79	54318	47.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.700%
47) 2-Hexanone-d5	8.643	63	67057	106.723	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	134979	46.993	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.980%
66) 1,2-Dichlorobenzene-d4	12.190	152	106070	51.262	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.520%
Target Compounds						
					Qvalue	
13) Acetone	2.647	43	6684	6.414	ug/L	98
20) cis-1,2-Dichloroethene	4.666	96	5777	3.036	ug/L	88
34) Trichloroethene	6.541	95	4328	2.079	ug/L	90
46) Tetrachloroethene	8.547	164	188448	119.685	ug/L	99
60) 1,2,3-Trichloropropane	11.807	75	10993	5.486	ug/L #	58

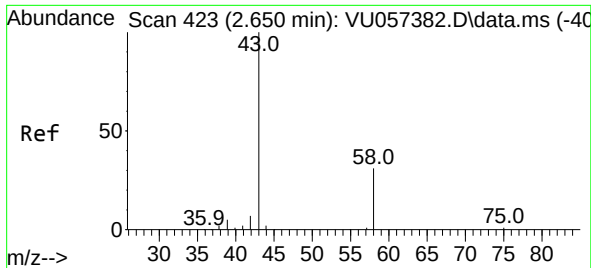
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.414 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057389.D

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Instrument :

MSVOA_U

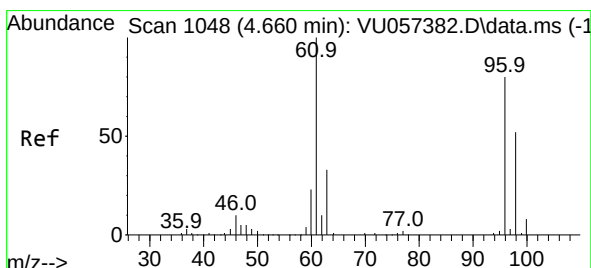
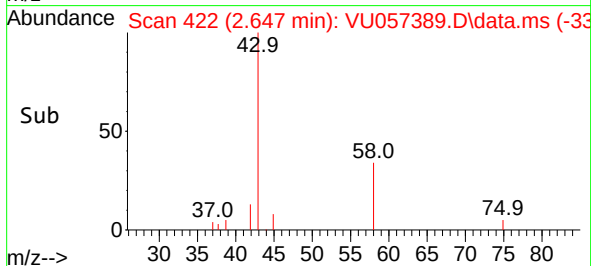
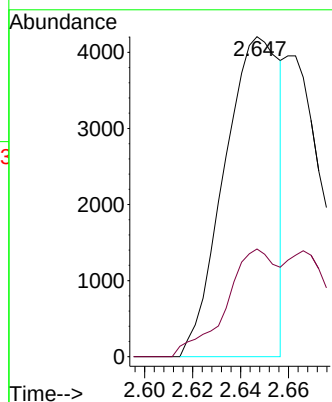
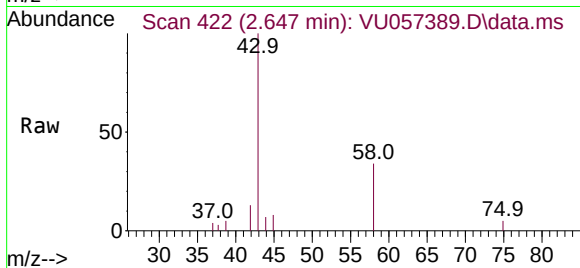
ClientSampleId :

Tgt Ion: 43 Resp: 6684

Ion Ratio Lower Upper

43 100

58 31.6 0.0 65.2



#20

cis-1,2-Dichloroethene

Concen: 3.036 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

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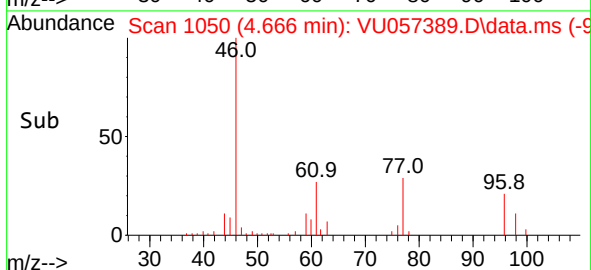
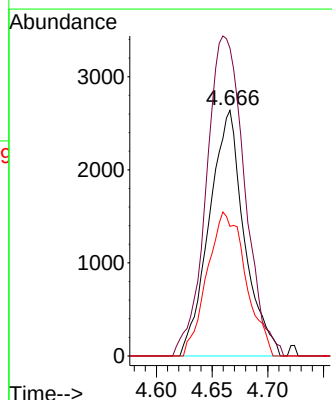
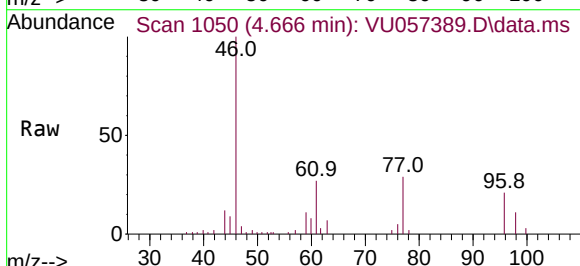
Tgt Ion: 96 Resp: 5777

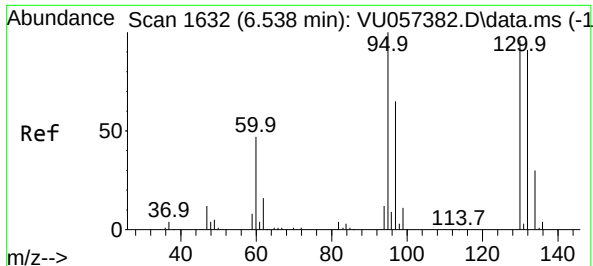
Ion Ratio Lower Upper

96 100

61 138.9 88.0 163.4

98 52.8 43.4 80.6

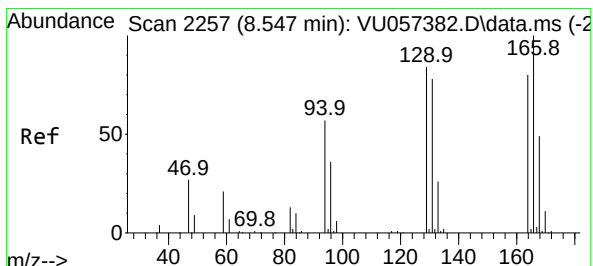
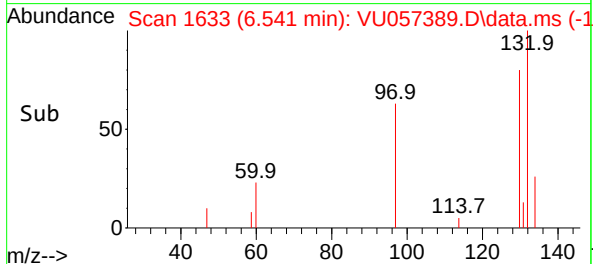
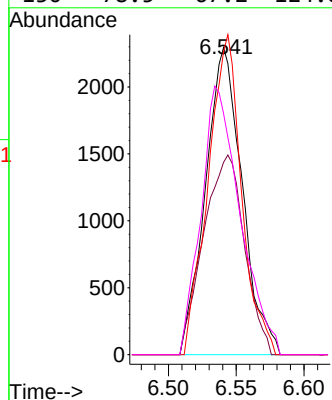
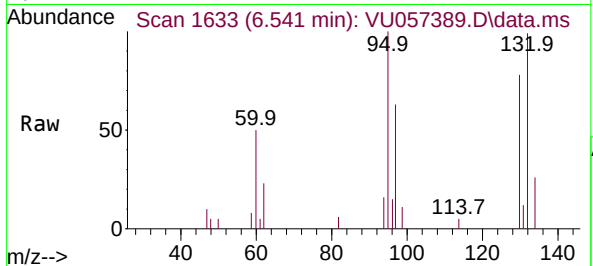




#34
Trichloroethene
Concen: 2.079 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
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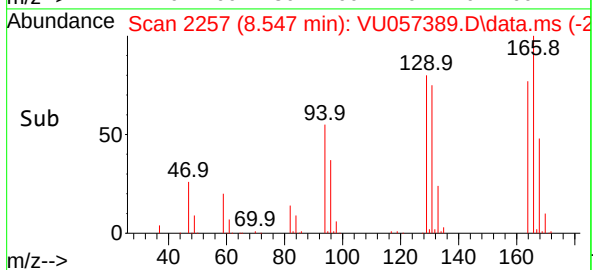
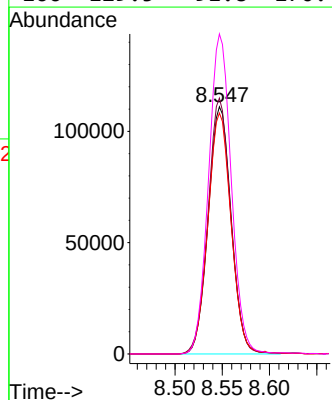
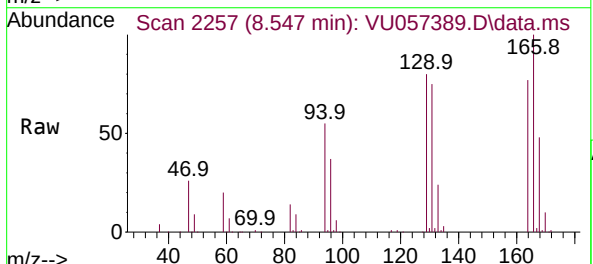
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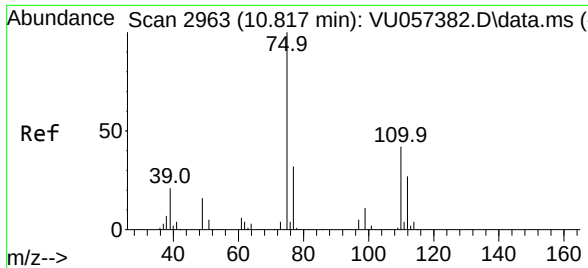
Tgt Ion: 95 Resp: 4328
Ion Ratio Lower Upper
95 100
97 62.6 46.2 85.8
132 98.7 64.3 119.5
130 78.5 67.2 124.8



#46
Tetrachloroethene
Concen: 119.685 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057389.D
Acq: 08 Jan 2024 17:55

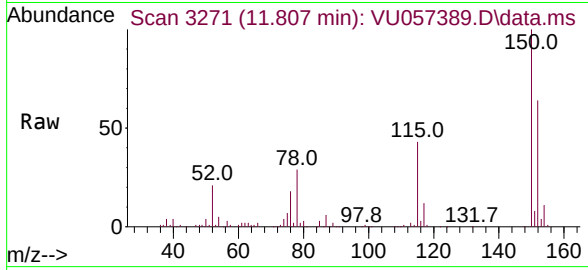
Tgt Ion:164 Resp: 188448
Ion Ratio Lower Upper
164 100
129 103.5 72.3 134.3
131 97.5 68.8 127.8
166 129.5 91.8 170.4





#60
 1,2,3-Trichloropropane
 Concen: 5.486 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057389.D
 Acq: 08 Jan 2024 17:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10993
 Ion Ratio Lower Upper
 75 100
 77 39.4 26.0 39.0#
 110 0.4 33.6 50.4#

