

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022024\
 Data File : VU057896.D
 Acq On : 20 Feb 2024 12:41
 Operator : MD/SY
 Sample : P1496-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 21 00:13:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 21 00:11:26 2024
 Response via : Initial Calibration

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

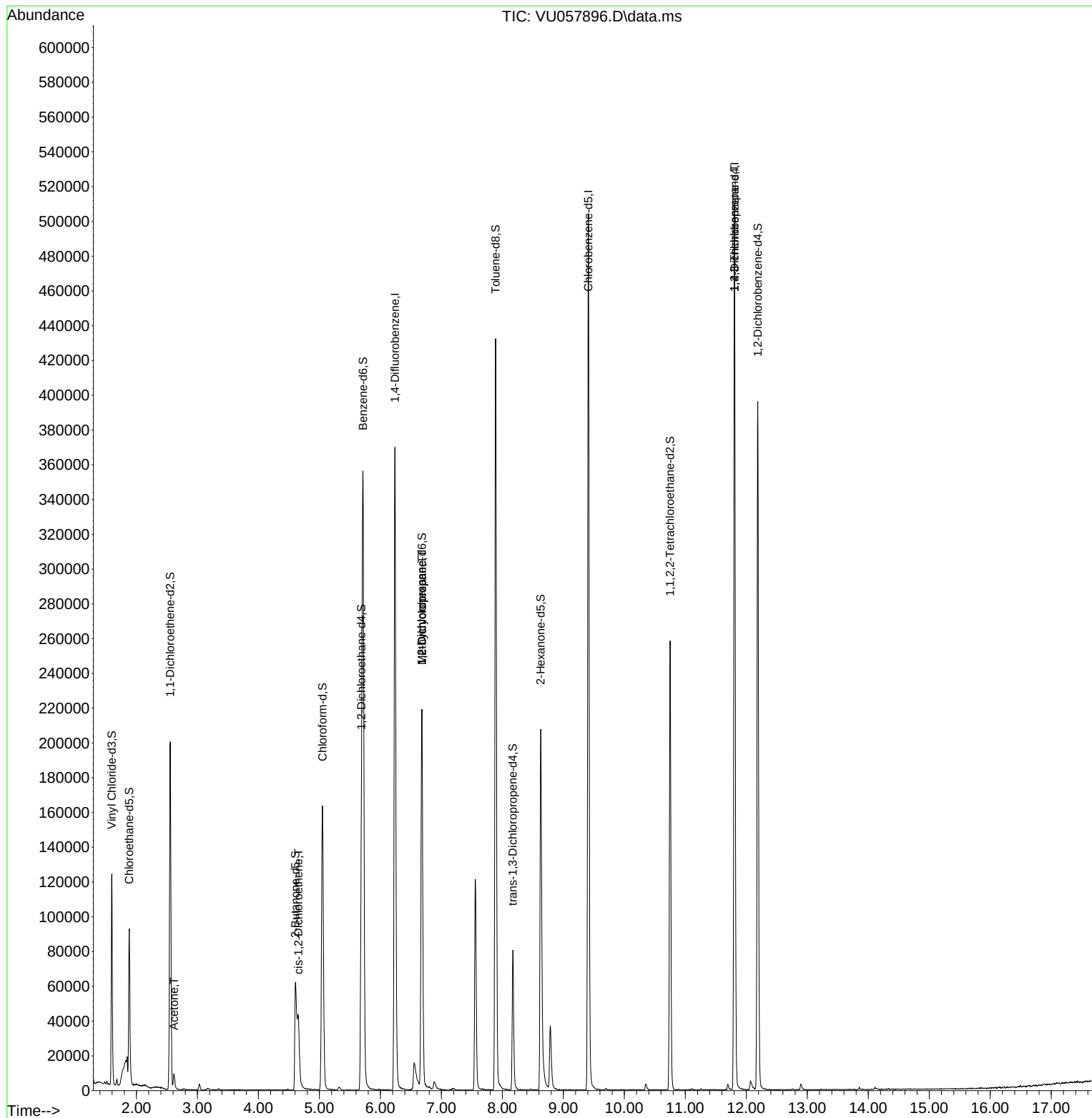
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	290089	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	269431	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	128754	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92294	43.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.900%
7) Chloroethane-d5	1.882	69	71242	45.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.780%
11) 1,1-Dichloroethene-d2	2.554	63	125337	32.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.040%
21) 2-Butanone-d5	4.605	46	93760	117.499	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.500%
24) Chloroform-d	5.049	84	154805	43.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.940%
26) 1,2-Dichloroethane-d4	5.689	65	103760	46.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
32) Benzene-d6	5.715	84	328879	48.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.420%
36) 1,2-Dichloropropane-d6	6.679	67	105860	48.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.100%
41) Toluene-d8	7.888	98	287678	47.067	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
43) trans-1,3-Dichloroprop...	8.171	79	45942	44.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.500%
47) 2-Hexanone-d5	8.628	63	77351	92.286	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.290%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	131255	43.628	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.260%
66) 1,2-Dichlorobenzene-d4	12.187	152	99066	47.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.040%
Target Compounds						
					Qvalue	
13) Acetone	2.615	43	10486	7.097	ug/L	98
20) cis-1,2-Dichloroethene	4.657	96	17870	7.149	ug/L	94
35) Methylcyclohexane	6.679	83	23161	5.901	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	11456	4.320	ug/L #	89
60) 1,2,3-Trichloropropane	11.804	75	17510	5.870	ug/L #	70

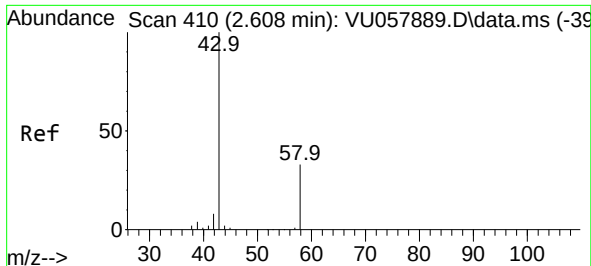
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.097 ug/L

RT: 2.615 min Scan# 41

Delta R.T. 0.007 min

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Acq: 20 Feb 2024 12:41

Instrument :

MSVOA_U

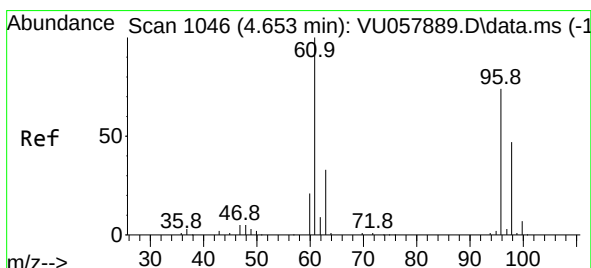
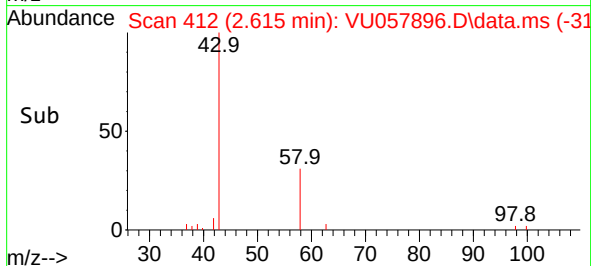
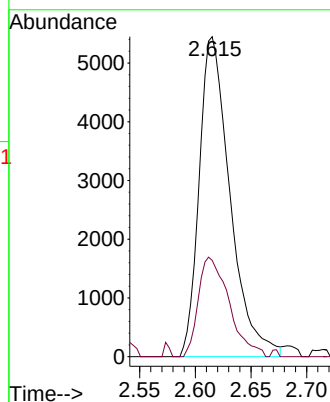
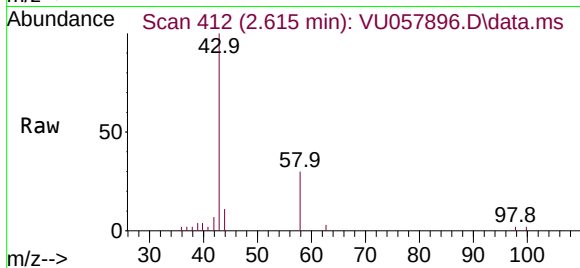
ClientSampleId :

Tgt Ion: 43 Resp: 10486

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.2



#20

cis-1,2-Dichloroethene

Concen: 7.149 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.003 min

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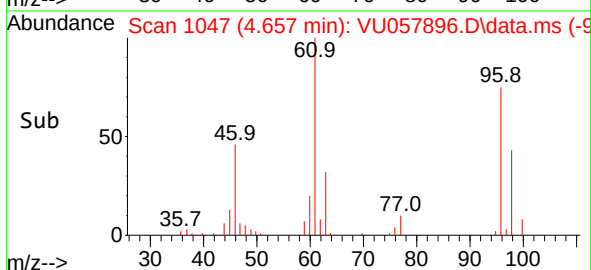
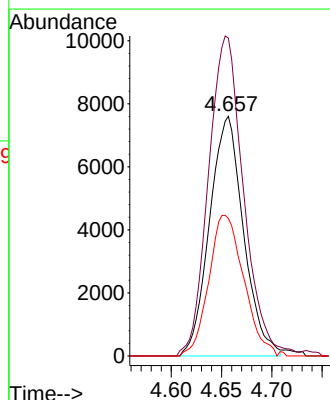
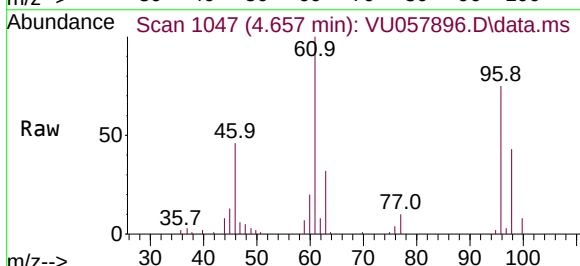
Tgt Ion: 96 Resp: 17870

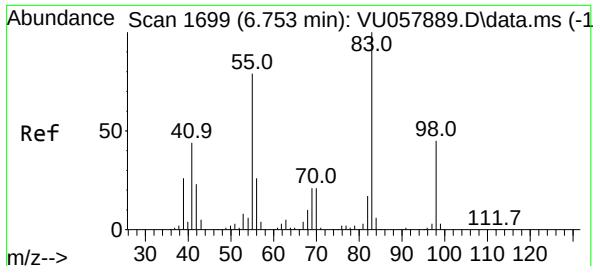
Ion Ratio Lower Upper

96 100

61 132.6 96.7 179.7

98 57.4 44.3 82.3





#35

Methylcyclohexane

Concen: 5.901 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057896.D

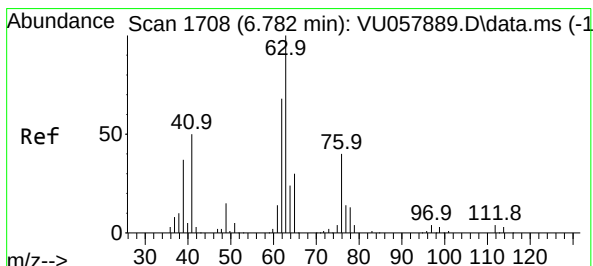
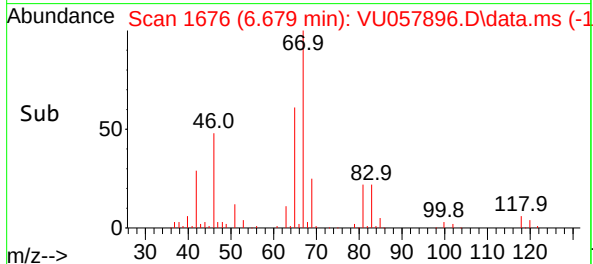
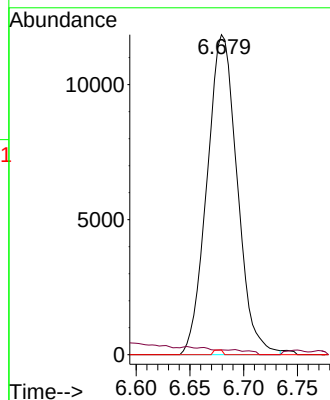
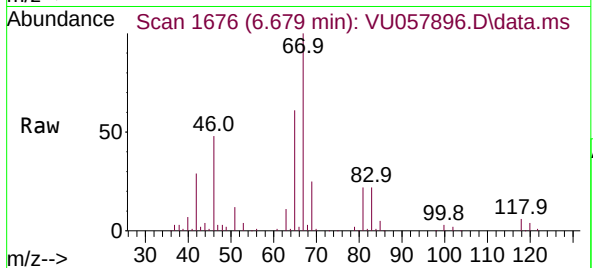
Acq: 20 Feb 2024 12:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 23161
Ion Ratio	Lower Upper
83	100
55	0.1 62.7 94.1#
98	0.4 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 4.320 ug/L

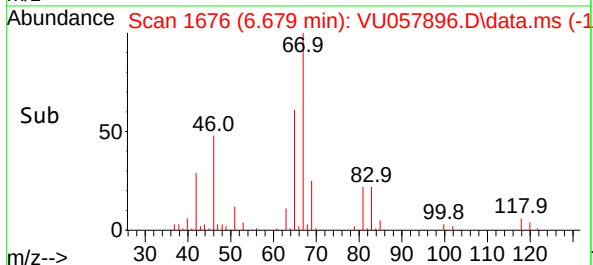
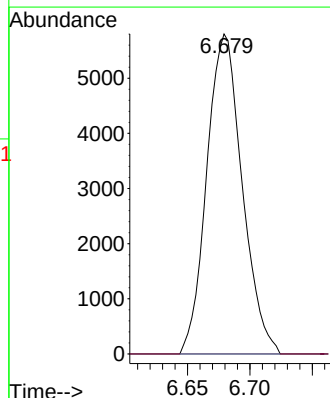
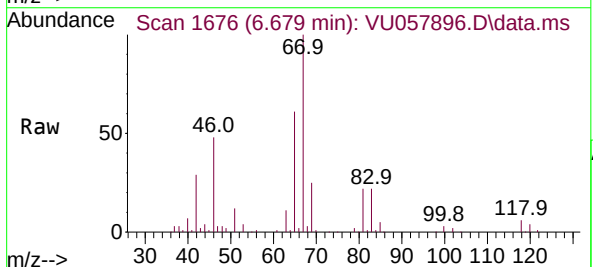
RT: 6.679 min Scan# 1676

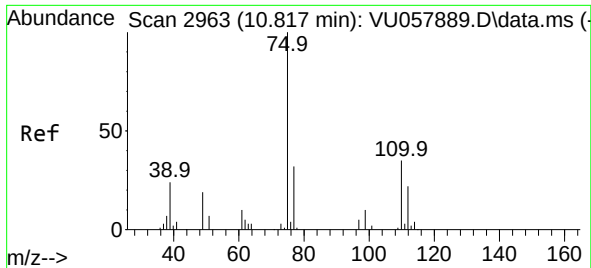
Delta R.T. -0.103 min

Lab File: VU057896.D

Acq: 20 Feb 2024 12:41

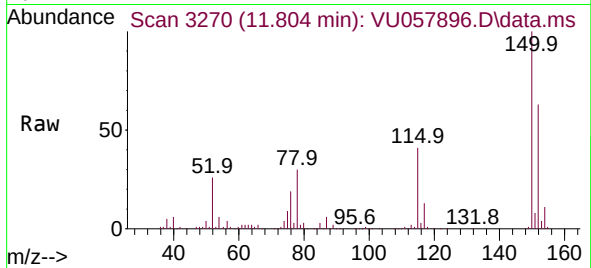
Tgt Ion: 63	Resp: 11456
Ion Ratio	Lower Upper
63	100
112	0.0 2.9 4.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.870 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057896.D
 Acq: 20 Feb 2024 12:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17510
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.9 38.9
 110 3.3 28.3 42.5#

