

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022224\
 Data File : VU057923.D
 Acq On : 22 Feb 2024 14:33
 Operator : MD/SY
 Sample : P1567-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 00:04:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 23 00:03:12 2024
 Response via : Initial Calibration

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

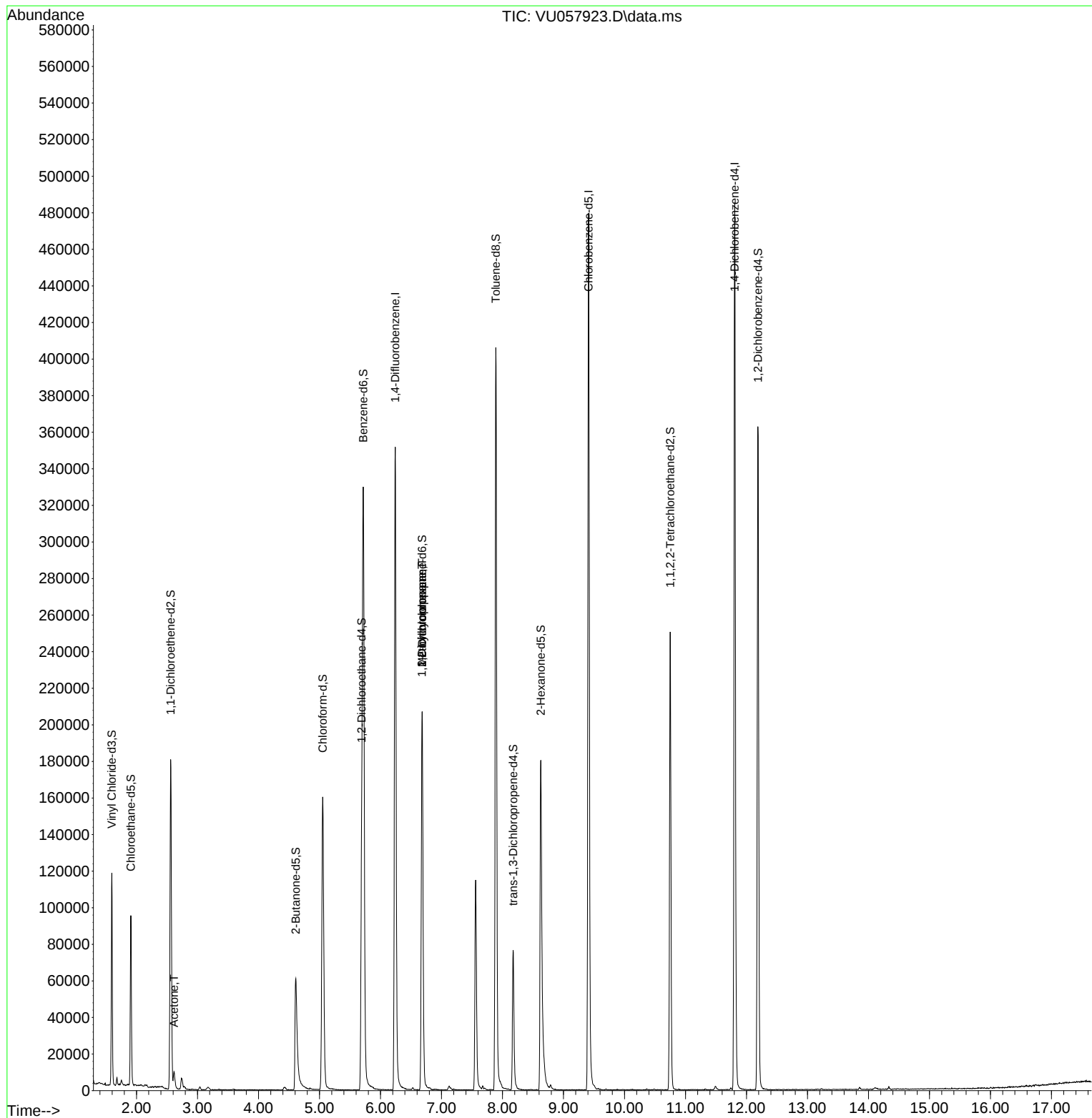
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	278496	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	266038	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120854	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81084	40.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.440%
7) Chloroethane-d5	1.907	69	65941	44.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.500%
11) 1,1-Dichloroethene-d2	2.560	63	114626	30.506	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.020%
21) 2-Butanone-d5	4.612	46	94448	123.288	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.290%
24) Chloroform-d	5.052	84	153286	44.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.680%
26) 1,2-Dichloroethane-d4	5.692	65	100946	47.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
32) Benzene-d6	5.718	84	307676	46.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
36) 1,2-Dichloropropane-d6	6.682	67	101431	47.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	7.891	98	272918	45.222	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.440%
43) trans-1,3-Dichloroprop...	8.174	79	46207	45.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.140%
47) 2-Hexanone-d5	8.627	63	67772	81.888	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.890%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	127053	42.770	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.540%
66) 1,2-Dichlorobenzene-d4	12.187	152	92421	47.228	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.460%
Target Compounds						
					Qvalue	
13) Acetone	2.615	43	10852	7.651	ug/L	100
35) Methylcyclohexane	6.682	83	23064	5.952	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	11510	4.396	ug/L #	89

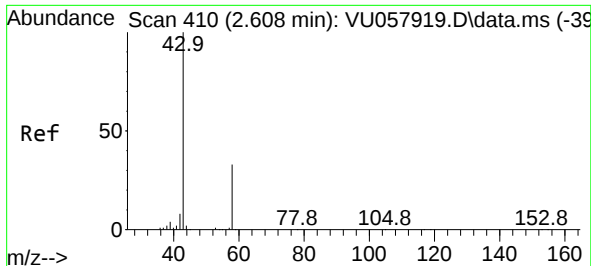
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.651 ug/L

RT: 2.615 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU057923.D

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Instrument :

MSVOA_U

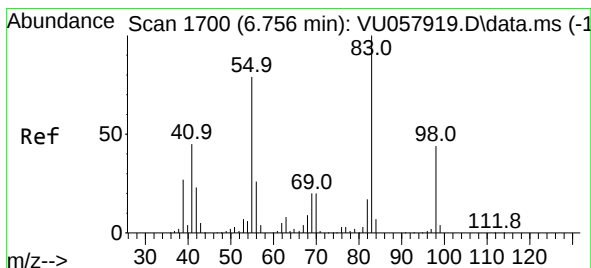
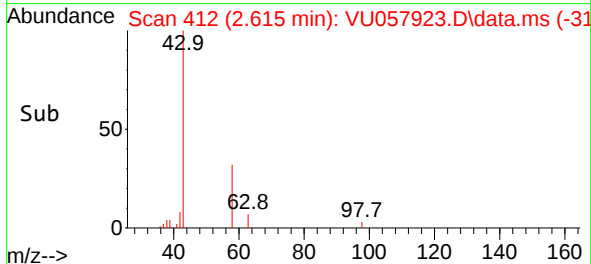
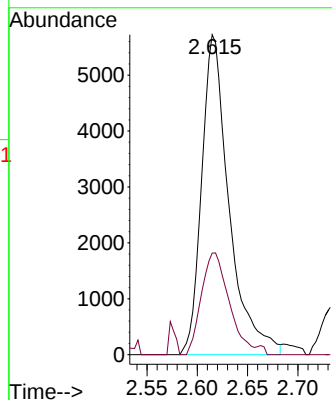
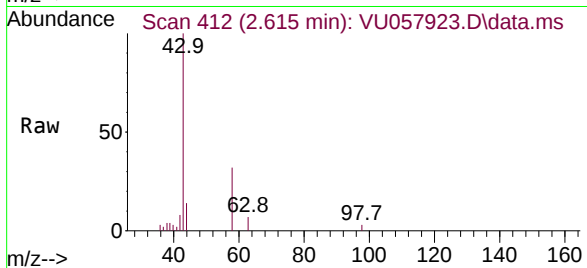
ClientSampleId :

Tgt Ion: 43 Resp: 10852

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.2



#35

Methylcyclohexane

Concen: 5.952 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

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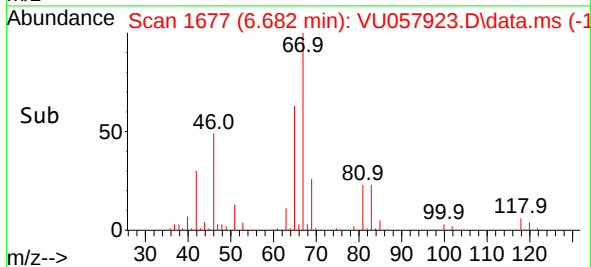
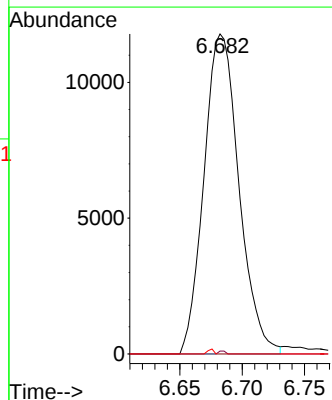
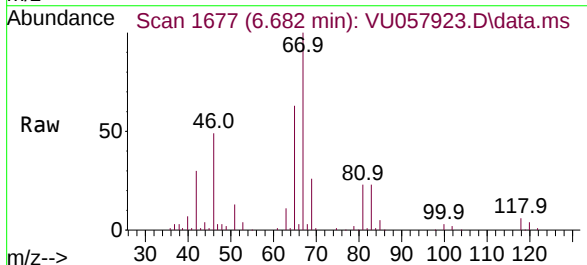
Tgt Ion: 83 Resp: 23064

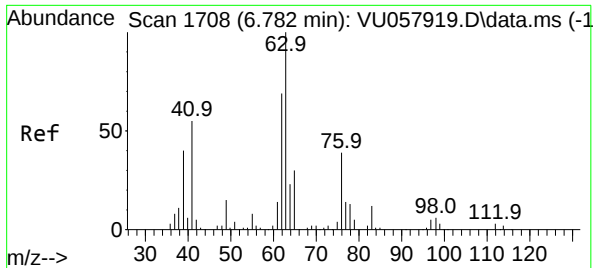
Ion Ratio Lower Upper

83 100

55 0.2 62.7 94.1#

98 0.3 36.3 54.5#





#37
1,2-Dichloropropane
Concen: 4.396 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
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Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11510
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#

