

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056978.D
 Acq On : 17 Dec 2023 19:18
 Operator : MD/SY
 Sample : 05842-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:19:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

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

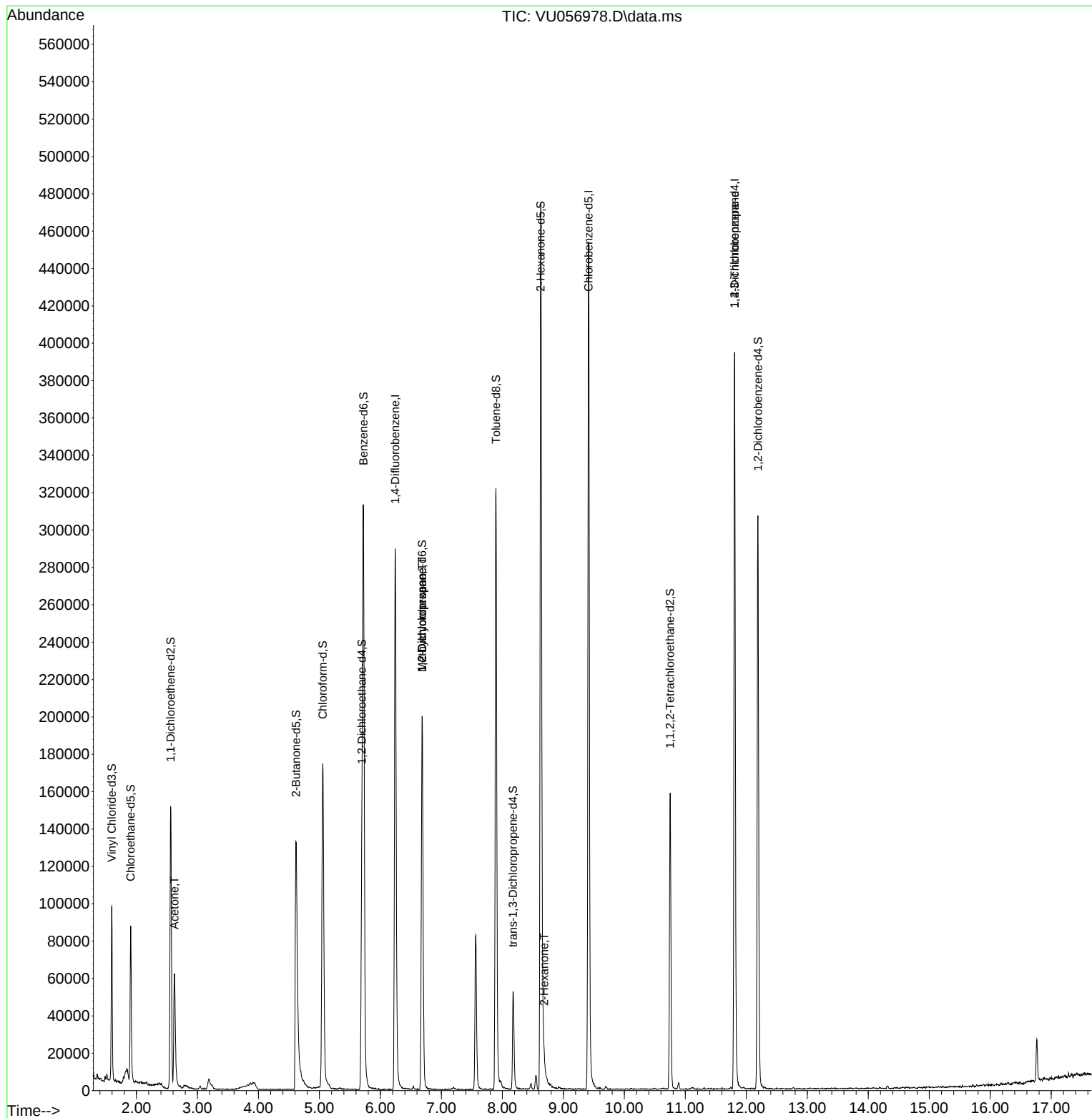
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	237711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104917	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62942	3.089	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.904	69	62948	4.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.560	65	29693	3.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.615	46	211045	52.448	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	5.055	84	167869	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	84535	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.721	84	294906	3.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.682	67	99387	3.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.894	98	223519	3.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.800%#
43) trans-1,3-Dichloroprop...	8.174	79	31836	3.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.627	63	155963	42.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80566	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	83127	4.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
13) Acetone	2.621	43	75956	30.974	ug/L	98
35) Methylcyclohexane	6.685	83	22472	0.605	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	10979	0.468	ug/L #	89
48) 2-Hexanone	8.685	43	5883	0.741	ug/L #	42
61) 1,2,3-Trichloropropane	11.807	75	13353	1.185	ug/L #	67

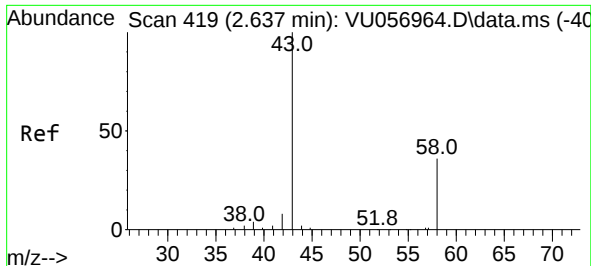
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 30.974 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.016 min

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Instrument :

MSVOA_U

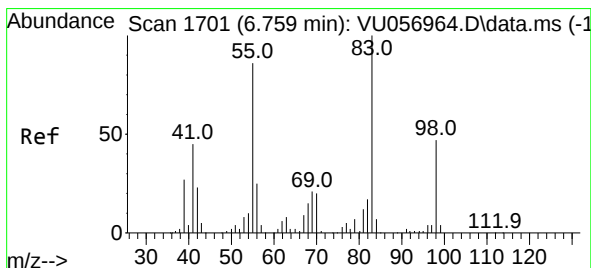
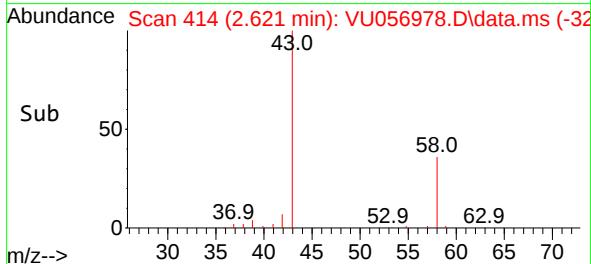
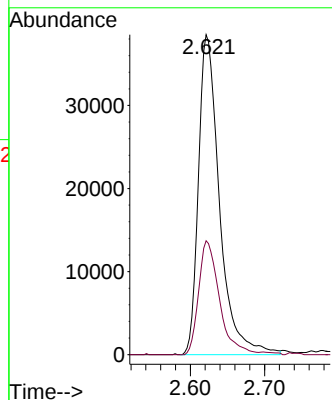
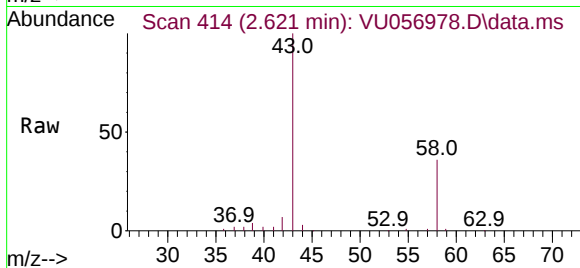
ClientSampleId :

Tgt Ion: 43 Resp: 75956

Ion Ratio Lower Upper

43 100

58 35.1 0.0 72.6



#35

Methylcyclohexane

Concen: 0.605 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056978.D

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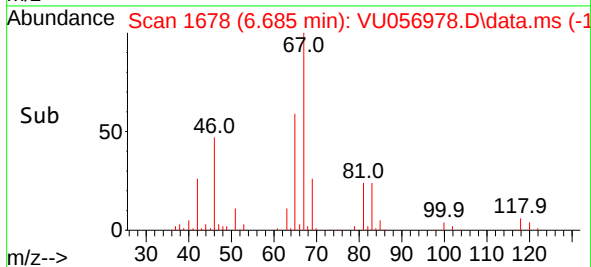
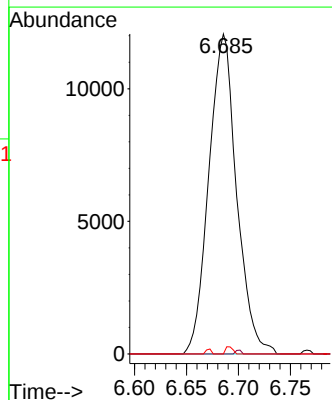
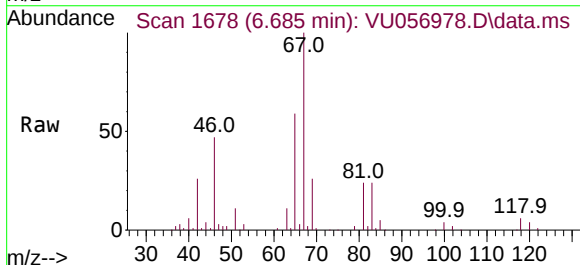
Tgt Ion: 83 Resp: 22472

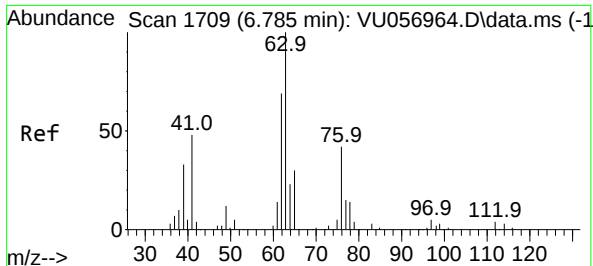
Ion Ratio Lower Upper

83 100

55 0.2 64.6 97.0#

98 0.6 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056978.D

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Instrument :

MSVOA_U

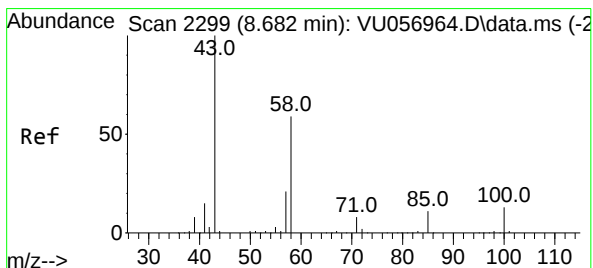
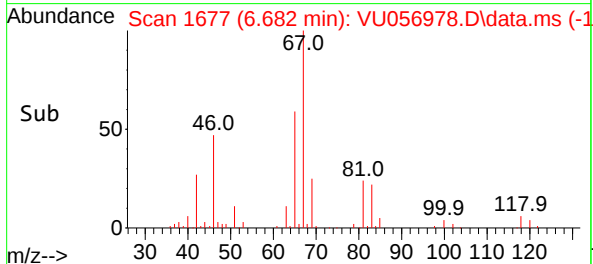
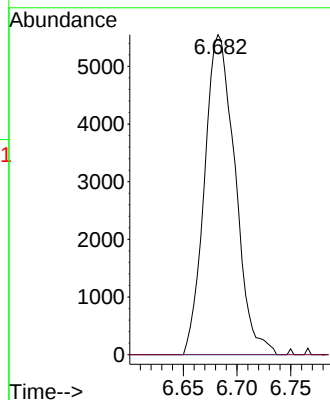
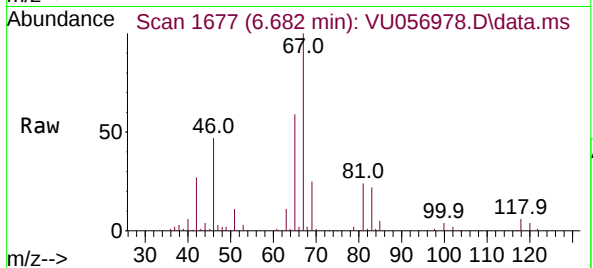
ClientSampleId :

Tgt Ion: 63 Resp: 10979

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#48

2-Hexanone

Concen: 0.741 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU056978.D

Acq: 17 Dec 2023 19:18

Tgt Ion: 43 Resp: 5883

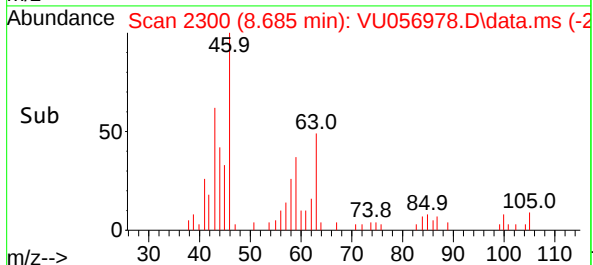
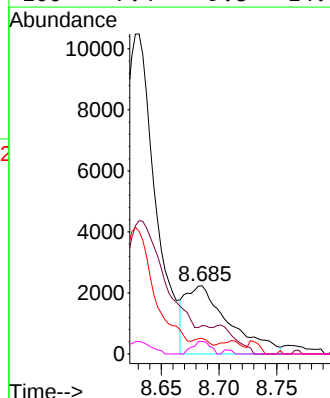
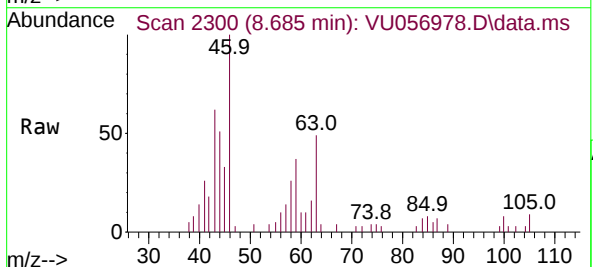
Ion Ratio Lower Upper

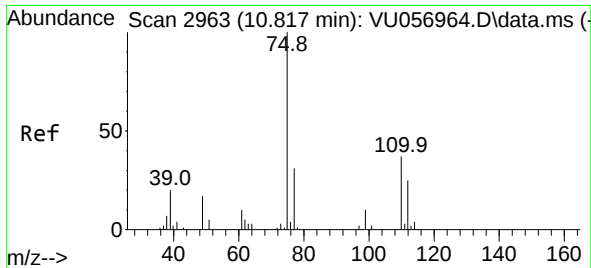
43 100

58 0.0 47.5 71.3#

57 8.4 17.0 25.4#

100 7.4 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 1.185 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

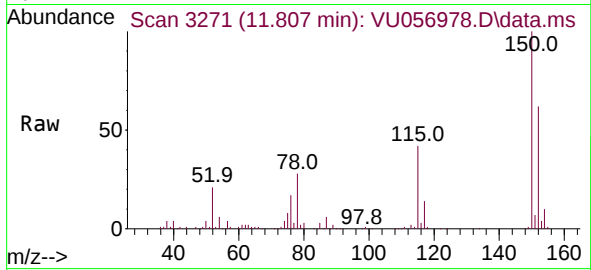
Lab File: VU056978.D

Acq: 17 Dec 2023 19:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 13353

Ion Ratio Lower Upper

75 100

110 2.1 28.4 42.6#

77 36.8 26.3 39.5

