

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060923\
 Data File : VU054464.D
 Acq On : 09 Jun 2023 15:47
 Operator : MD/SY
 Sample : 03118-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

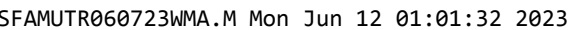
Quant Time: Jun 12 01:01:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 12 00:58:03 2023
 Response via : Initial Calibration

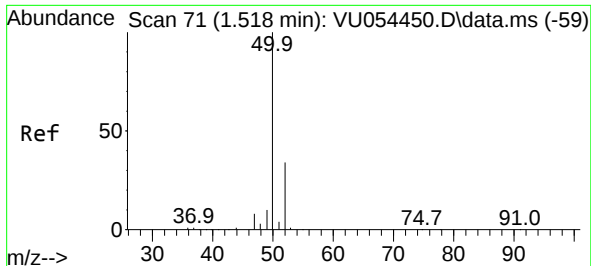
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	283398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	270068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59232	3.284	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.914	69	66025	3.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.566	65	28589	3.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.627	46	255730	50.431	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.860%
24) Chloroform-d	5.058	84	166959	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.698	65	84603	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.724	84	311251	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.688	67	112892	4.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.894	98	262286	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.177	79	36096	4.140	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.630	63	164109	44.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.740%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86655	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	103462	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.521	50	5821	0.191	ug/L	88
17) Methyl tert-butyl Ether	3.361	73	7096	0.140	ug/L #	77
35) Methylcyclohexane	6.688	83	24242	0.625	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11604	0.442	ug/L #	90
48) 2-Hexanone	8.685	43	13614	1.305	ug/L #	82
61) 1,2,3-Trichloropropane	11.807	75	16195	1.222	ug/L #	68

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

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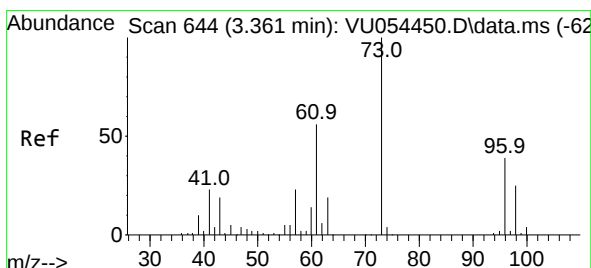
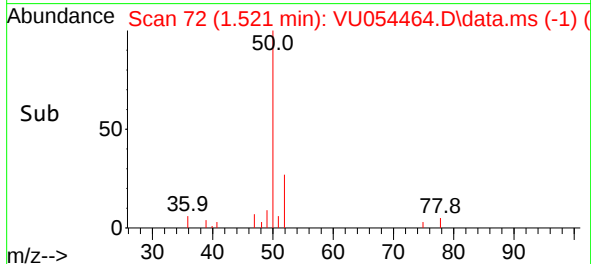
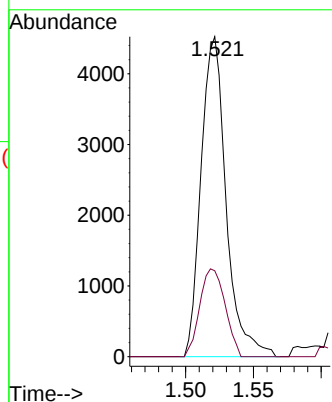
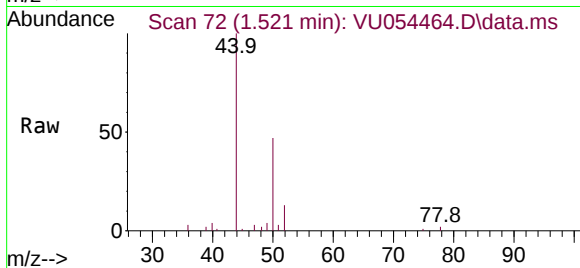




#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.521 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU054464.D
Acq: 09 Jun 2023 15:47

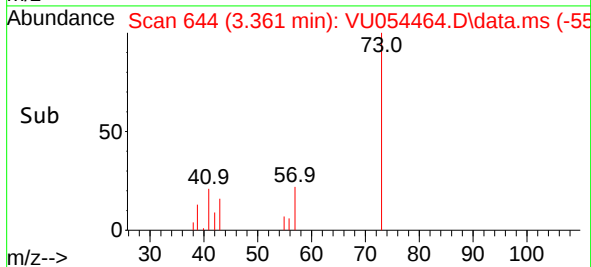
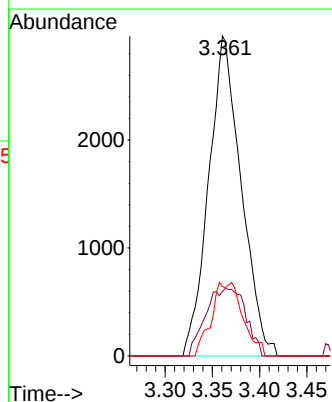
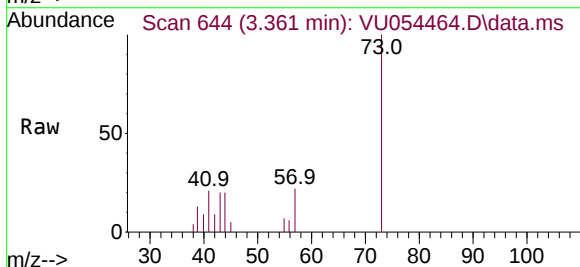
Instrument :
MSVOA_U
ClientSampleId :

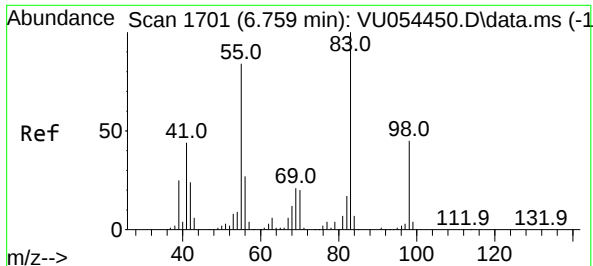
Tgt Ion: 50 Resp: 5821
Ion Ratio Lower Upper
50 100
52 26.8 23.4 43.4



#17
Methyl tert-butyl Ether
Concen: 0.140 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054464.D
Acq: 09 Jun 2023 15:47

Tgt Ion: 73 Resp: 7096
Ion Ratio Lower Upper
73 100
43 10.3 15.7 23.5#
57 10.7 18.6 28.0#





#35

Methylcyclohexane

Concen: 0.625 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054464.D

Acq: 09 Jun 2023 15:47

Instrument :

MSVOA_U

ClientSampleId :

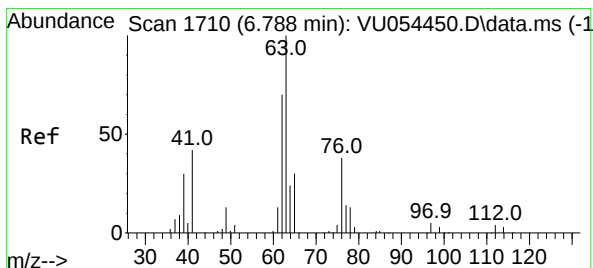
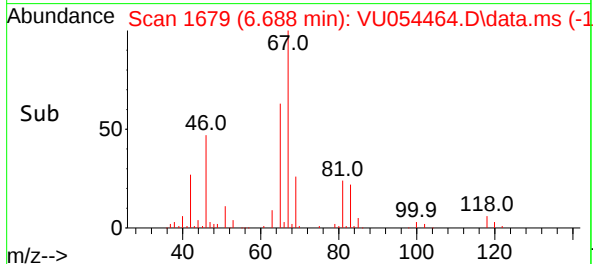
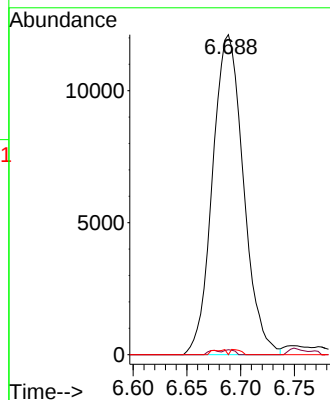
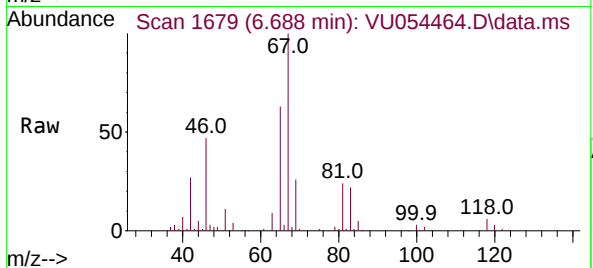
Tgt Ion: 83 Resp: 24242

Ion Ratio Lower Upper

83 100

55 0.5 67.1 100.7#

98 0.6 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.442 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.106 min

Lab File: VU054464.D

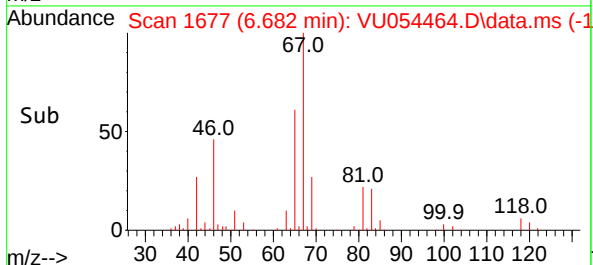
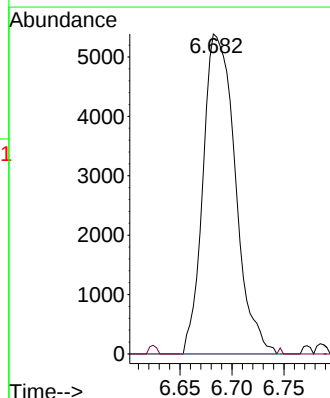
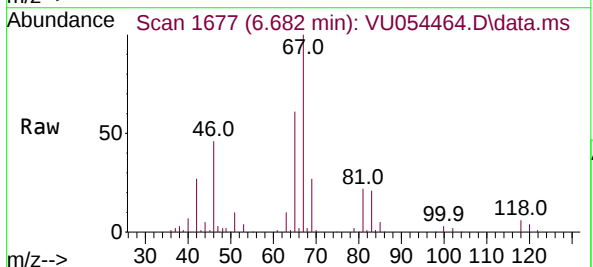
Acq: 09 Jun 2023 15:47

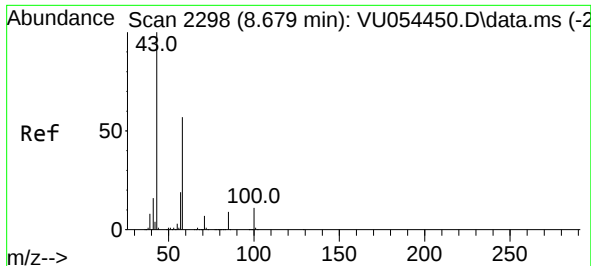
Tgt Ion: 63 Resp: 11604

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#

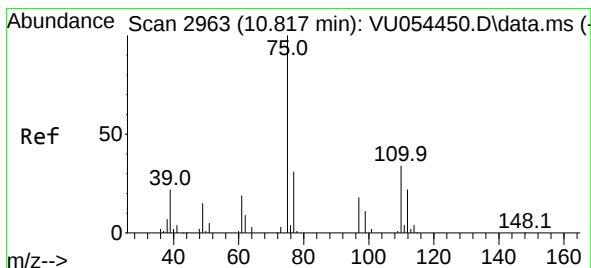
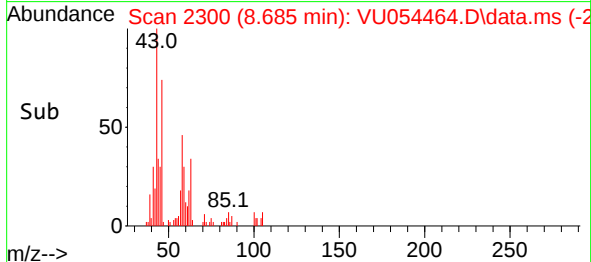
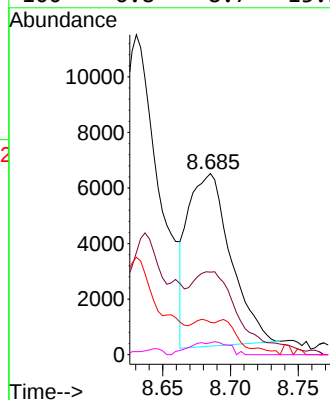
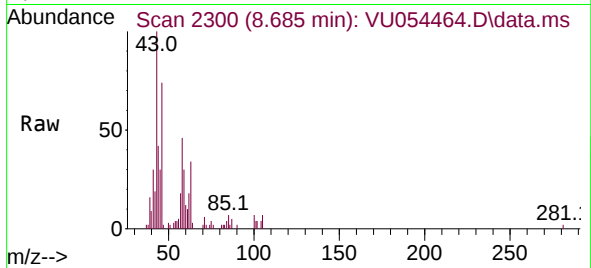




#48
2-Hexanone
Concen: 1.305 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054464.D
Acq: 09 Jun 2023 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 13614
Ion Ratio	Lower Upper
43	100
58	48.0 45.2 67.8
57	1.9 15.8 23.6#
100	6.8 8.7 13.1#



#61
1,2,3-Trichloropropane
Concen: 1.222 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054464.D
Acq: 09 Jun 2023 15:47

Tgt Ion: 75	Resp: 16195
Ion Ratio	Lower Upper
75	100
110	2.1 28.0 42.0#
77	29.3 25.4 38.2

