

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060923\
 Data File : VU054465.D
 Acq On : 09 Jun 2023 16:11
 Operator : MD/SY
 Sample : 03118-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

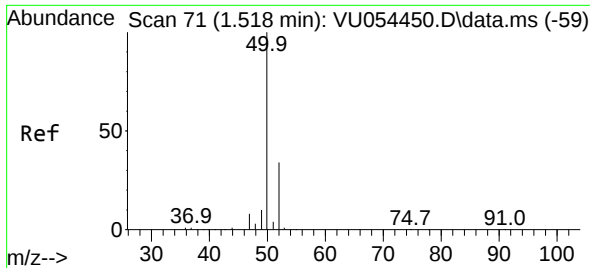
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 12 01:01:36 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	297605	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	287609	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134876	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	61316	3.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.914	69	70192	3.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.567	65	30441	3.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.628	46	279426	52.473	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.940%
24) Chloroform-d	5.059	84	171589	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.698	65	89699	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.724	84	329126	4.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.689	67	117495	4.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.894	98	278682	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	38179	4.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.631	63	180225	46.267	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94688	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	108737	4.780	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	5603	0.175	ug/L	86
13) Acetone	2.637	43	312221	62.184	ug/L	99
14) Carbon disulfide	2.795	76	18920	0.296	ug/L	97
21) 2-Butanone	4.724	43	12005	1.842	ug/L	94
35) Methylcyclohexane	6.689	83	26181	0.634	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12579	0.450	ug/L #	90
48) 2-Hexanone	8.685	43	15054	1.355	ug/L #	84
61) 1,2,3-Trichloropropane	11.807	75	16901	1.240	ug/L #	71

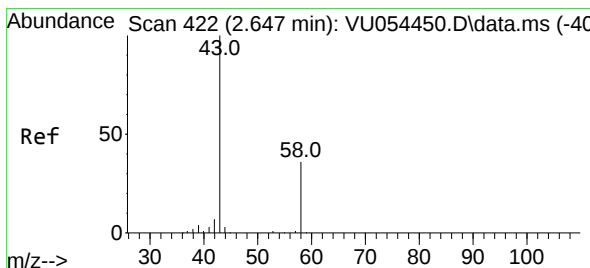
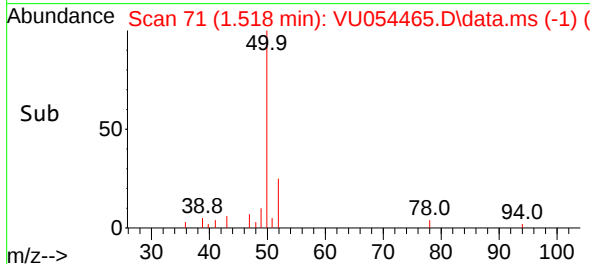
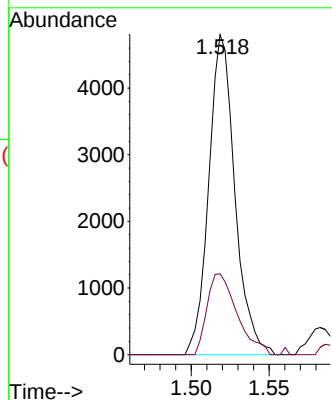
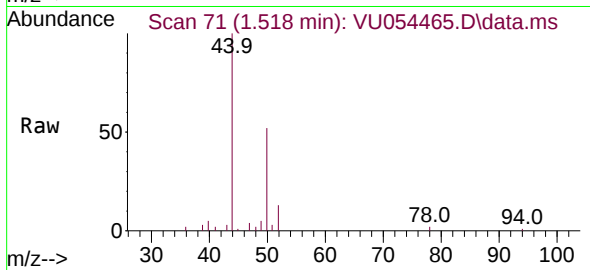
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.175 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054465.D
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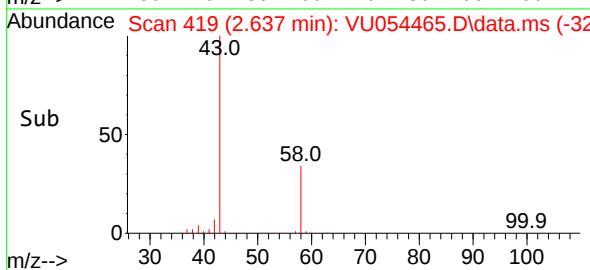
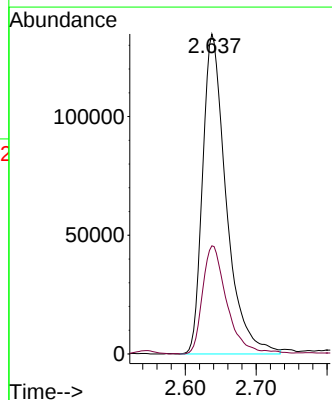
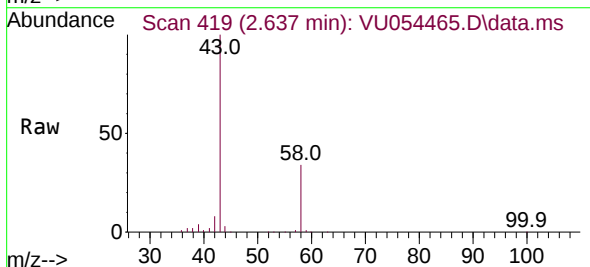
Instrument :
MSVOA_U
ClientSampleId :

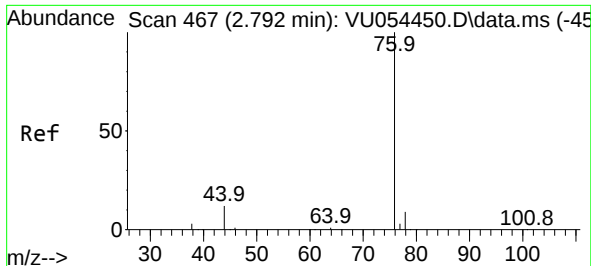
Tgt Ion: 50 Resp: 5603
Ion Ratio Lower Upper
50 100
52 25.3 23.4 43.4



#13
Acetone
Concen: 62.184 ug/L
RT: 2.637 min Scan# 419
Delta R.T. -0.009 min
Lab File: VU054465.D
Acq: 09 Jun 2023 16:11

Tgt Ion: 43 Resp: 312221
Ion Ratio Lower Upper
43 100
58 34.2 0.0 67.2

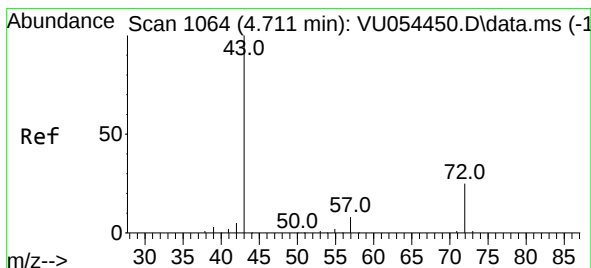
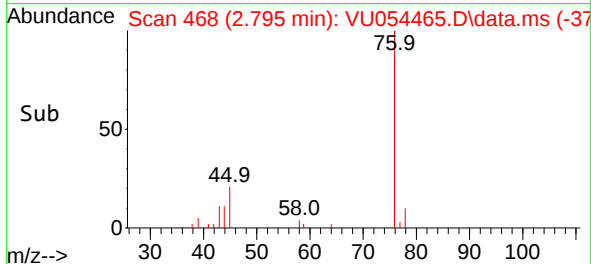
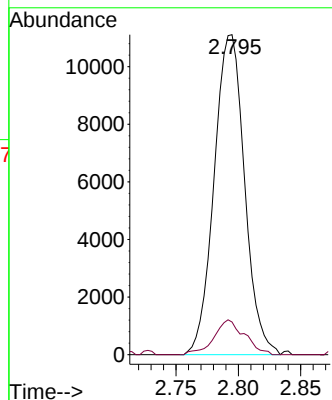
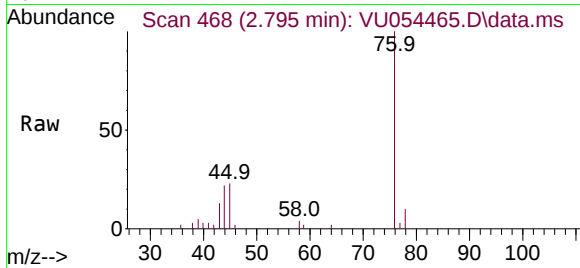




#14
Carbon disulfide
Concen: 0.296 ug/L
RT: 2.795 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU054465.D
Acq: 09 Jun 2023 16:11

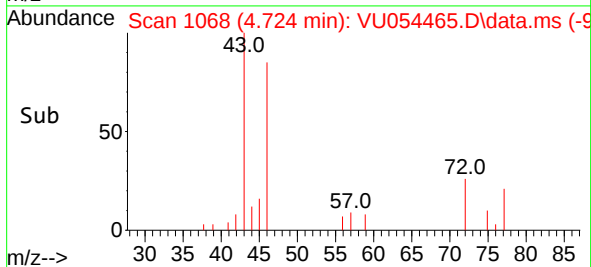
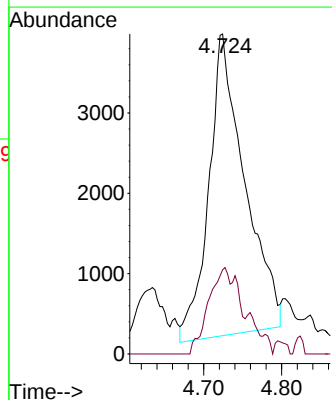
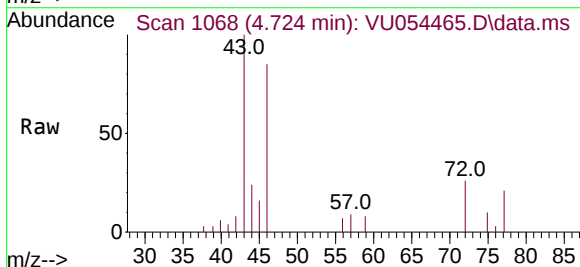
Instrument :
MSVOA_U
ClientSampleId :

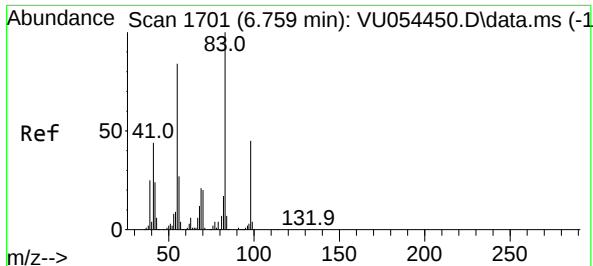
Tgt Ion: 76 Resp: 18920
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#21
2-Butanone
Concen: 1.842 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.013 min
Lab File: VU054465.D
Acq: 09 Jun 2023 16:11

Tgt Ion: 43 Resp: 12005
Ion Ratio Lower Upper
43 100
72 23.6 13.4 40.1





#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054465.D

Acq: 09 Jun 2023 16:11

Instrument :

MSVOA_U

ClientSampleId :

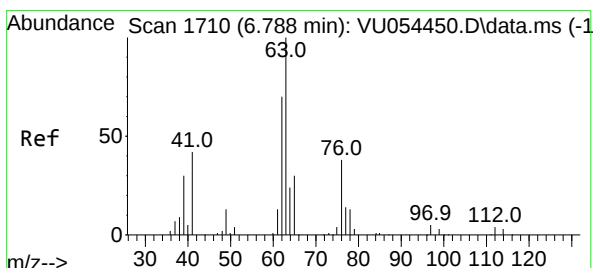
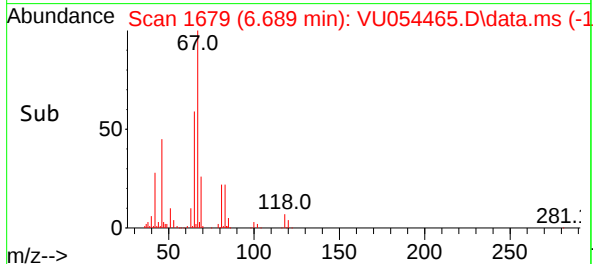
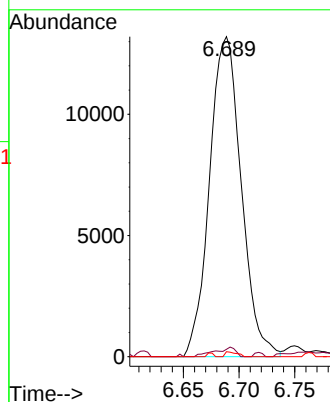
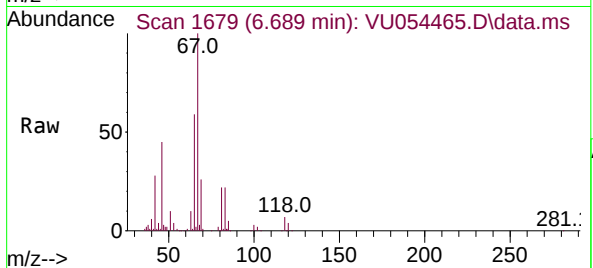
Tgt Ion: 83 Resp: 26181

Ion Ratio Lower Upper

83 100

55 1.9 67.1 100.7#

98 0.6 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.450 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU054465.D

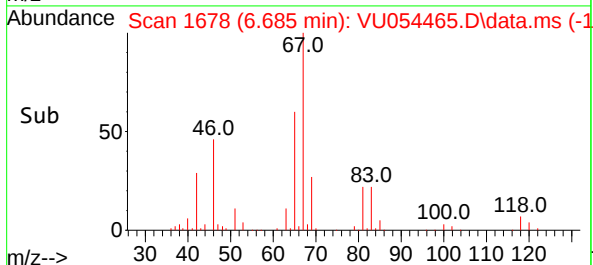
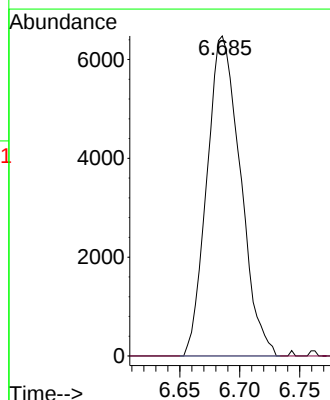
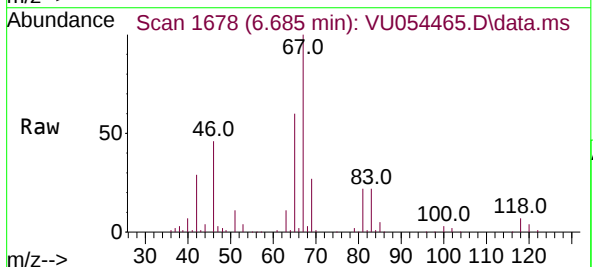
Acq: 09 Jun 2023 16:11

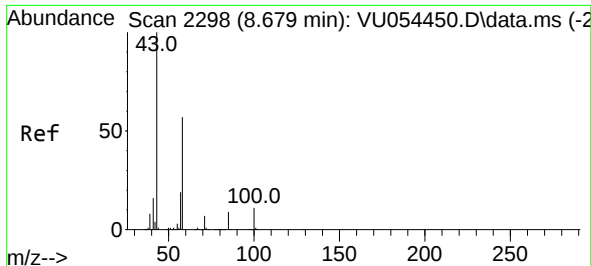
Tgt Ion: 63 Resp: 12579

Ion Ratio Lower Upper

63 100

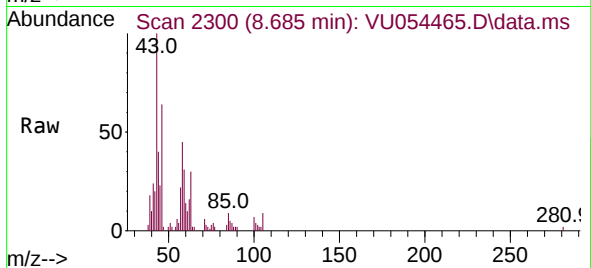
112 0.6 3.0 4.6#



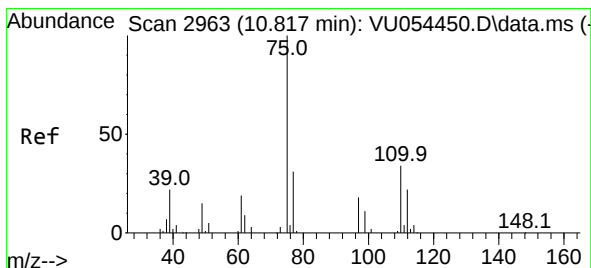
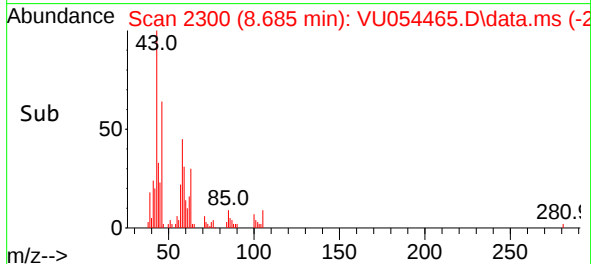
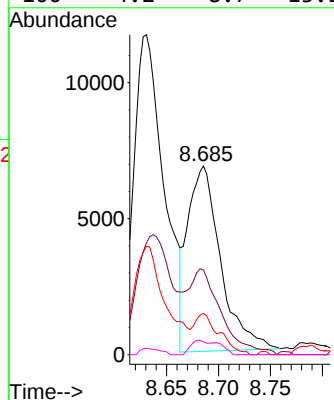


#48
2-Hexanone
Concen: 1.355 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU054465.D
Acq: 09 Jun 2023 16:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 15054
Ion Ratio Lower Upper
43 100
58 42.3 45.2 67.8#
57 16.7 15.8 23.6
100 4.2 8.7 13.1#



#61
1,2,3-Trichloropropane
Concen: 1.240 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054465.D
Acq: 09 Jun 2023 16:11

Tgt Ion: 75 Resp: 16901
Ion Ratio Lower Upper
75 100
110 2.7 28.0 42.0#
77 31.9 25.4 38.2

