

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060923\
 Data File : VU054476.D
 Acq On : 09 Jun 2023 20:39
 Operator : MD/SY
 Sample : 03104-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 12 01:03:52 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

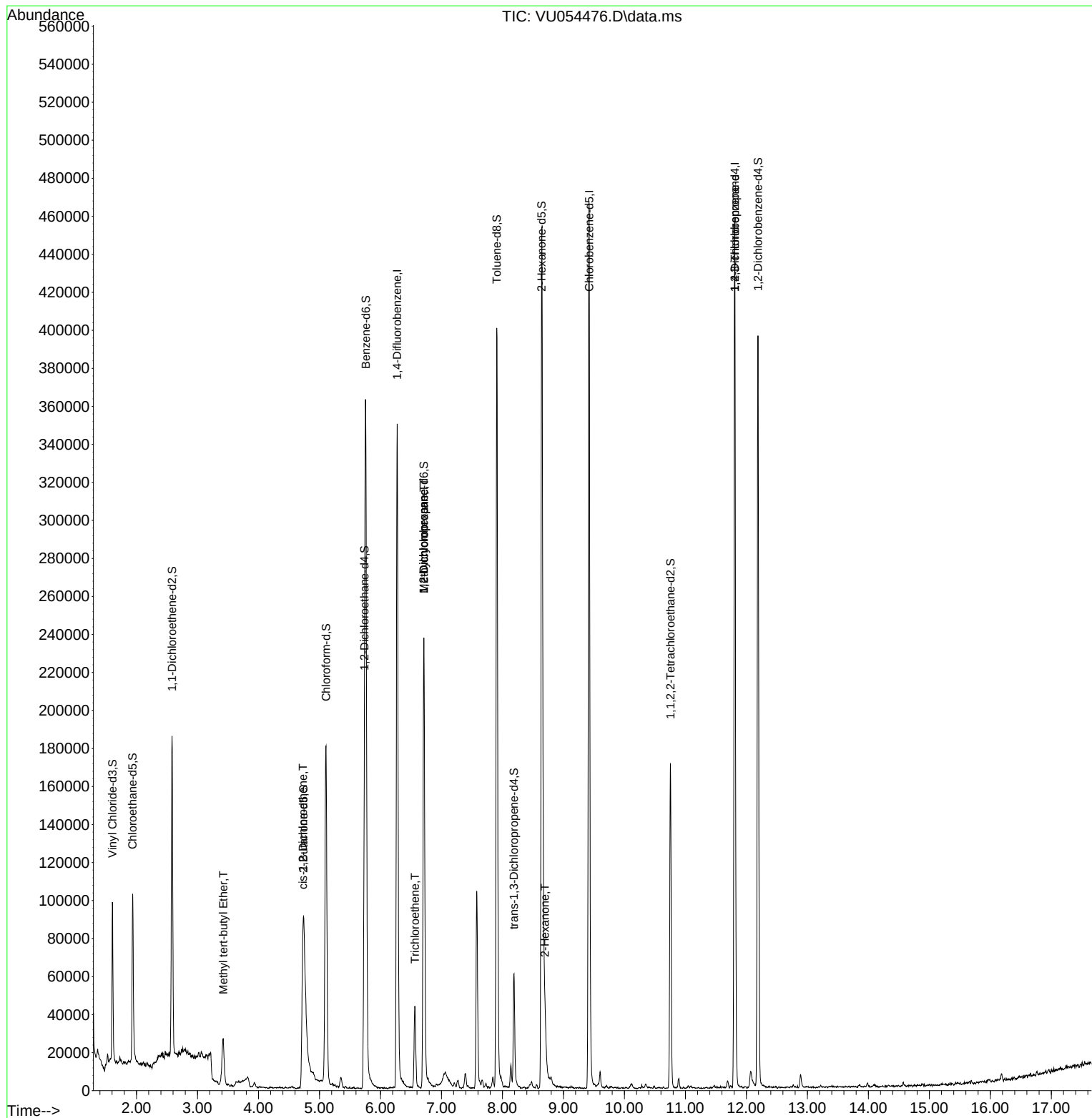
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.274	114	282906	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.422	117	266458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	122240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.605	65	61388	3.410	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.200%	
7) Chloroethane-d5	1.936	69	69615	4.130	ug/L	0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.600%	
11) 1,1-Dichloroethene-d2	2.583	65	31326	3.896	ug/L	0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	4.737	46	223204	44.093	ug/L	0.11
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.180%	
24) Chloroform-d	5.107	84	167759	4.458	ug/L	0.05
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.737	65	88007	4.797	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.759	84	322949	4.360	ug/L	0.04
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.711	67	117567	4.753	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.907	98	271372	4.128	ug/L	0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	8.190	79	36333	4.224	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.643	63	161244	44.680	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.360%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	87579	4.748	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	102689	4.980	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						
17) Methyl tert-butyl Ether	3.422	73	28287	0.559	ug/L	98
22) cis-1,2-Dichloroethene	4.727	96	2988	0.124	ug/L	91
34) Trichloroethene	6.566	95	15104	0.596	ug/L	94
35) Methylcyclohexane	6.711	83	25755	0.673	ug/L #	17
37) 1,2-Dichloropropane	6.711	63	12345	0.477	ug/L #	90
48) 2-Hexanone	8.698	43	18470	1.794	ug/L #	91
61) 1,2,3-Trichloropropane	11.811	75	15356	1.243	ug/L #	70

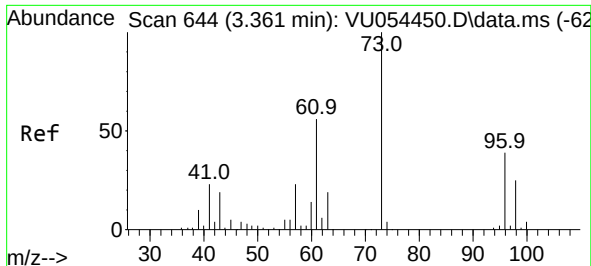
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 12 00:58:03 2023
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#17

Methyl tert-butyl Ether

Concen: 0.559 ug/L

RT: 3.422 min Scan# 6

Delta R.T. 0.061 min

Lab File: VU054476.D

Acq: 09 Jun 2023 20:39

Instrument :

MSVOA_U

ClientSampleId :

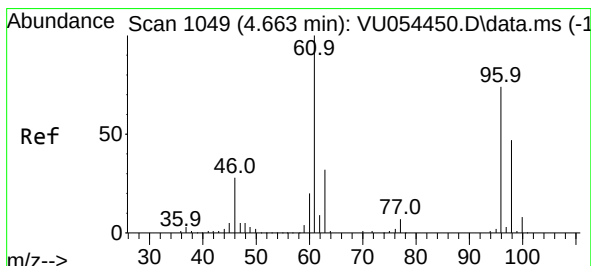
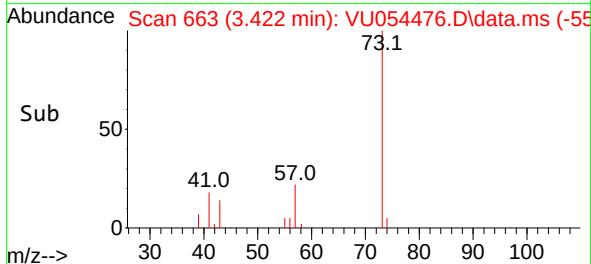
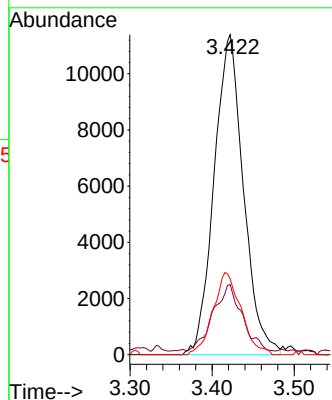
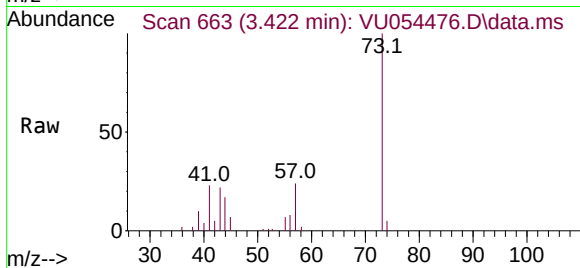
Tgt Ion: 73 Resp: 28287

Ion Ratio Lower Upper

73 100

43 20.3 15.7 23.5

57 24.5 18.6 28.0



#22

cis-1,2-Dichloroethene

Concen: 0.124 ug/L

RT: 4.727 min Scan# 1069

Delta R.T. 0.064 min

Lab File: VU054476.D

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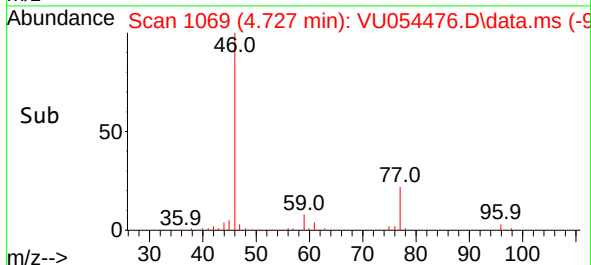
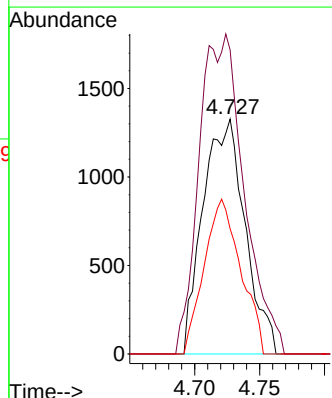
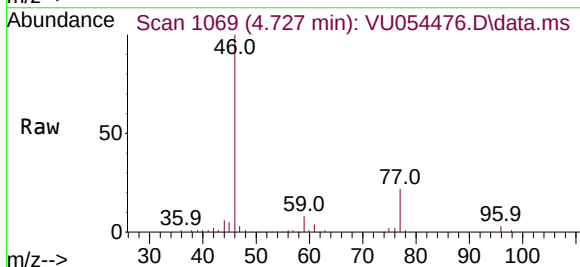
Tgt Ion: 96 Resp: 2988

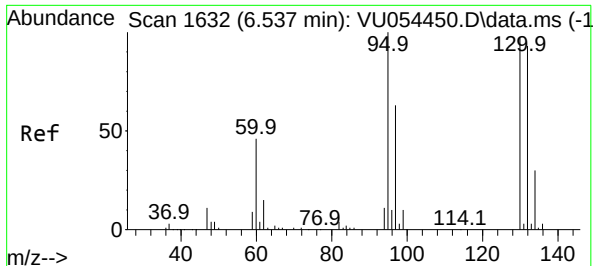
Ion Ratio Lower Upper

96 100

61 129.5 96.5 179.1

98 53.3 44.9 83.3



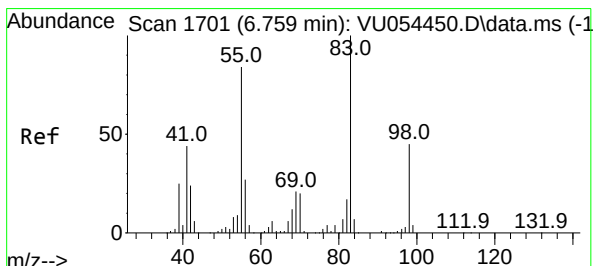
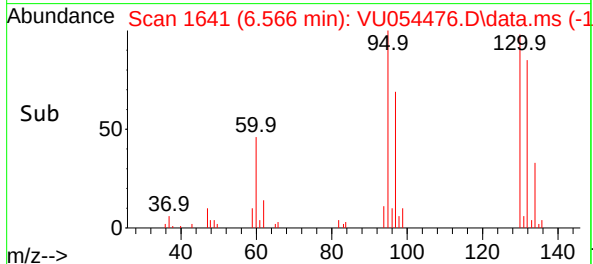
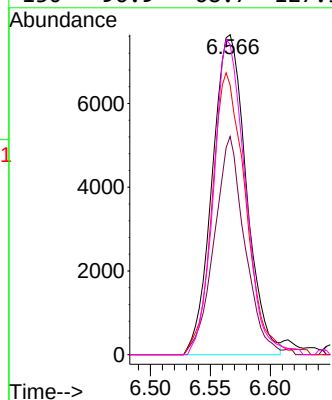
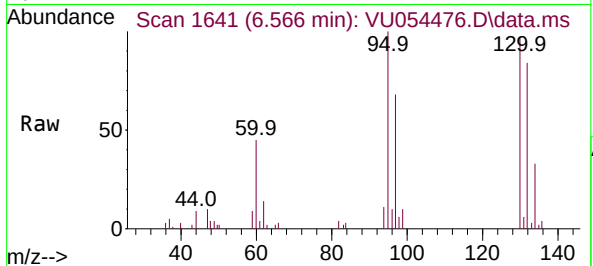


#34
Trichloroethene
Concen: 0.596 ug/L
RT: 6.566 min Scan# 1641
Delta R.T. 0.029 min
Lab File: VU054476.D
Acq: 09 Jun 2023 20:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 15104

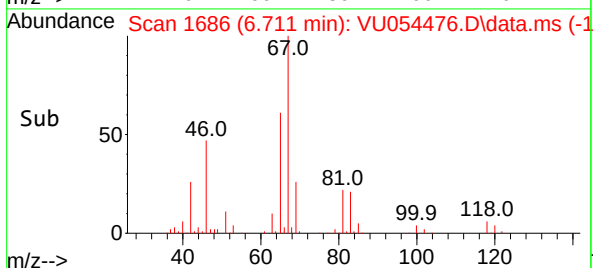
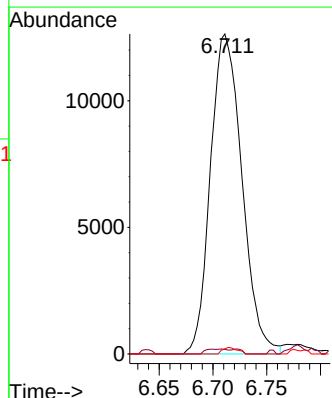
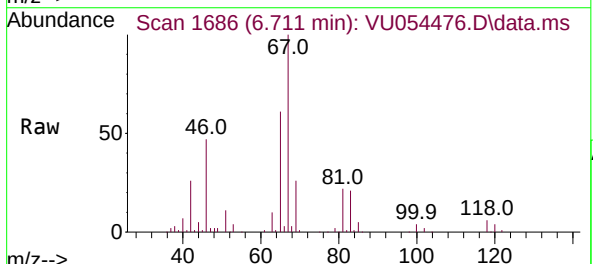
Ion	Ratio	Lower	Upper
95	100		
97	68.2	46.8	87.0
132	84.2	68.4	127.0
130	96.9	68.7	127.5

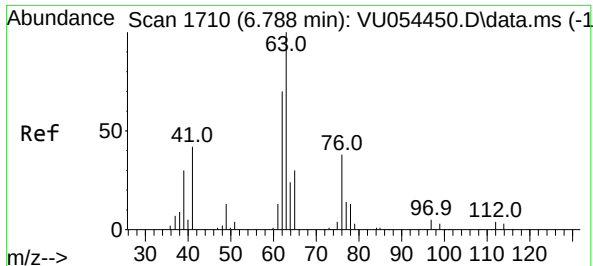


#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.711 min Scan# 1686
Delta R.T. -0.048 min
Lab File: VU054476.D
Acq: 09 Jun 2023 20:39

Tgt Ion: 83 Resp: 25755

Ion	Ratio	Lower	Upper
83	100		
55	1.0	67.1	100.7#
98	0.9	35.1	52.7#

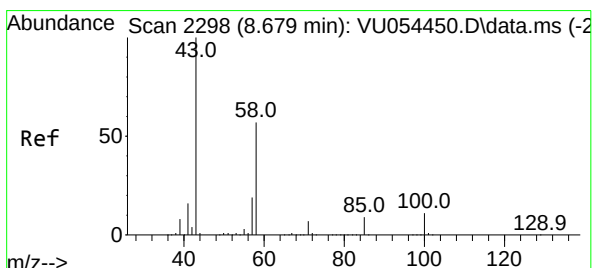
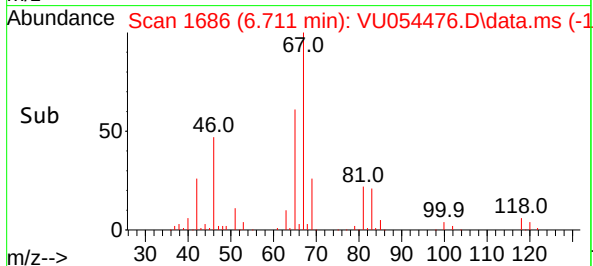
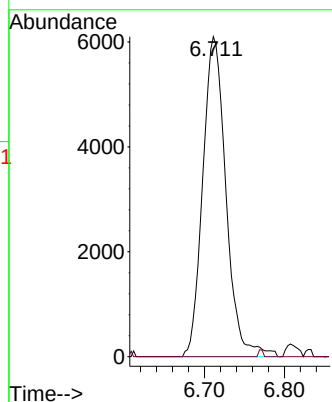
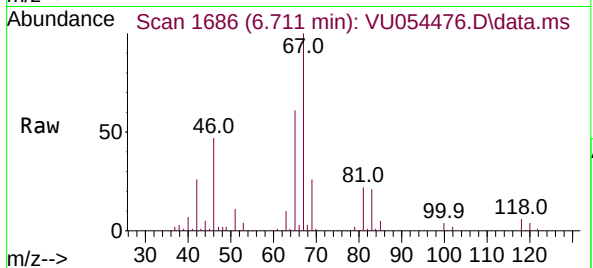




#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.711 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU054476.D
Acq: 09 Jun 2023 20:39

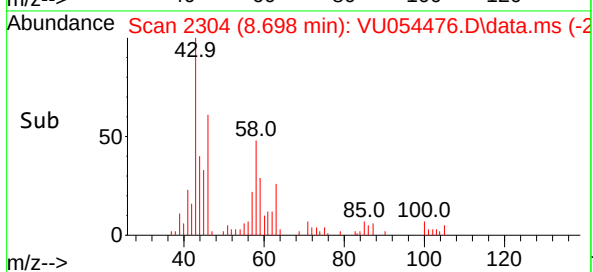
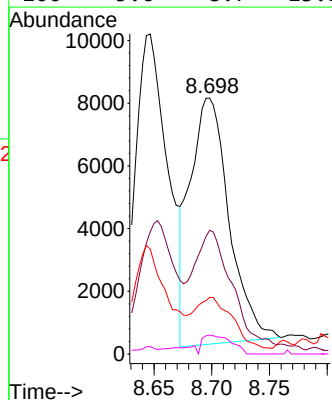
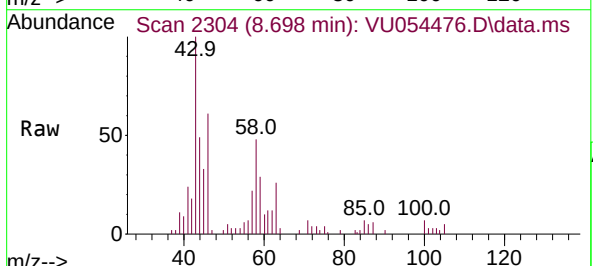
Instrument :
MSVOA_U
ClientSampleId :

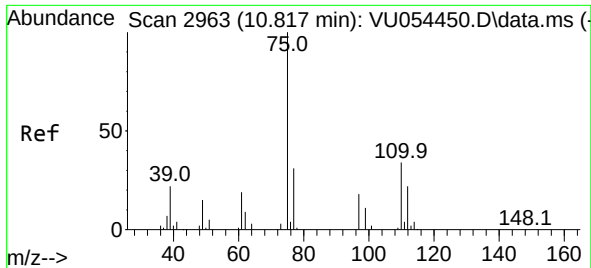
Tgt Ion: 63 Resp: 12345
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



#48
2-Hexanone
Concen: 1.794 ug/L
RT: 8.698 min Scan# 2304
Delta R.T. 0.019 min
Lab File: VU054476.D
Acq: 09 Jun 2023 20:39

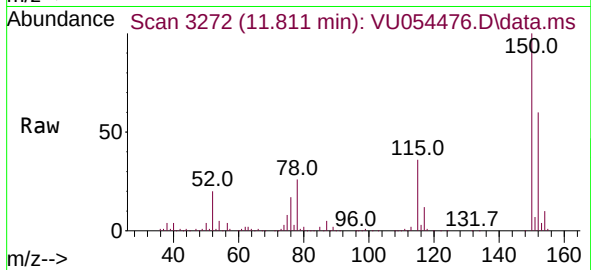
Tgt Ion: 43 Resp: 18470
Ion Ratio Lower Upper
43 100
58 50.8 45.2 67.8
57 23.7 15.8 23.6#
100 5.6 8.7 13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.243 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU054476.D
 Acq: 09 Jun 2023 20:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 15356
 Ion Ratio Lower Upper
 75 100
 110 3.3 28.0 42.0#
 77 33.4 25.4 38.2

