

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052708.D
 Acq On : 16 Jan 2023 18:07
 Operator : JC/MD
 Sample : 01138-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W9

Quant Time: Jan 17 05:34:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	50936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	50135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	21521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	16282	3.638	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.800%	
7) Chloroethane-d5	1.916	69	15034	4.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.400%	
11) 1,1-Dichloroethene-d2	2.568	65	8264	4.193	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.800%	
20) 2-Butanone-d5	4.633	46	123094	102.878	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	205.760%#	
24) Chloroform-d	5.057	84	43607	5.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	5.697	65	28329	6.609	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	132.200%#	
32) Benzene-d6	5.726	84	80095	4.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.687	67	28031	5.177	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.893	98	60228	4.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	8.176	79	9715	4.824	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.400%	
46) 2-Hexanone-d5	8.629	63	75714	90.512	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	181.020%#	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33721	8.133	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	162.600%#	
66) 1,2-Dichlorobenzene-d4	12.188	152	23818	6.080	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.600%#	
Target Compounds						Qvalue
3) Chloromethane	1.514	50	5866	0.883	ug/L #	53
5) Vinyl chloride	1.604	62	25524	4.014	ug/L #	1
8) Chloroethane	2.176	64	2748	0.711	ug/L #	53
12) 1,1-Dichloroethene	2.581	96	134643	30.489	ug/L #	75
13) Acetone	2.655	43	11052	12.879	ug/L	65
14) Carbon disulfide	2.797	76	4464	0.292	ug/L	98
15) Methyl Acetate	2.961	43	586	0.285	ug/L #	54
16) Methylene chloride	3.044	84	3140	0.534	ug/L	86
19) 1,1-Dichloroethane	3.867	63	83640	8.943	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	121148	25.048	ug/L	95
27) 1,2-Dichloroethane	5.790	62	2123	0.381	ug/L #	74
34) Trichloroethene	6.539	95	37062	7.896	ug/L	99
35) Methylcyclohexane	6.687	83	6801	0.877	ug/L #	16
37) 1,2-Dichloropropane	6.787	63	1838	0.345	ug/L #	89
48) 2-Hexanone	8.684	43	2215	0.993	ug/L #	85
61) 1,2,3-Trichloropropane	11.806	75	2465	0.986	ug/L #	59

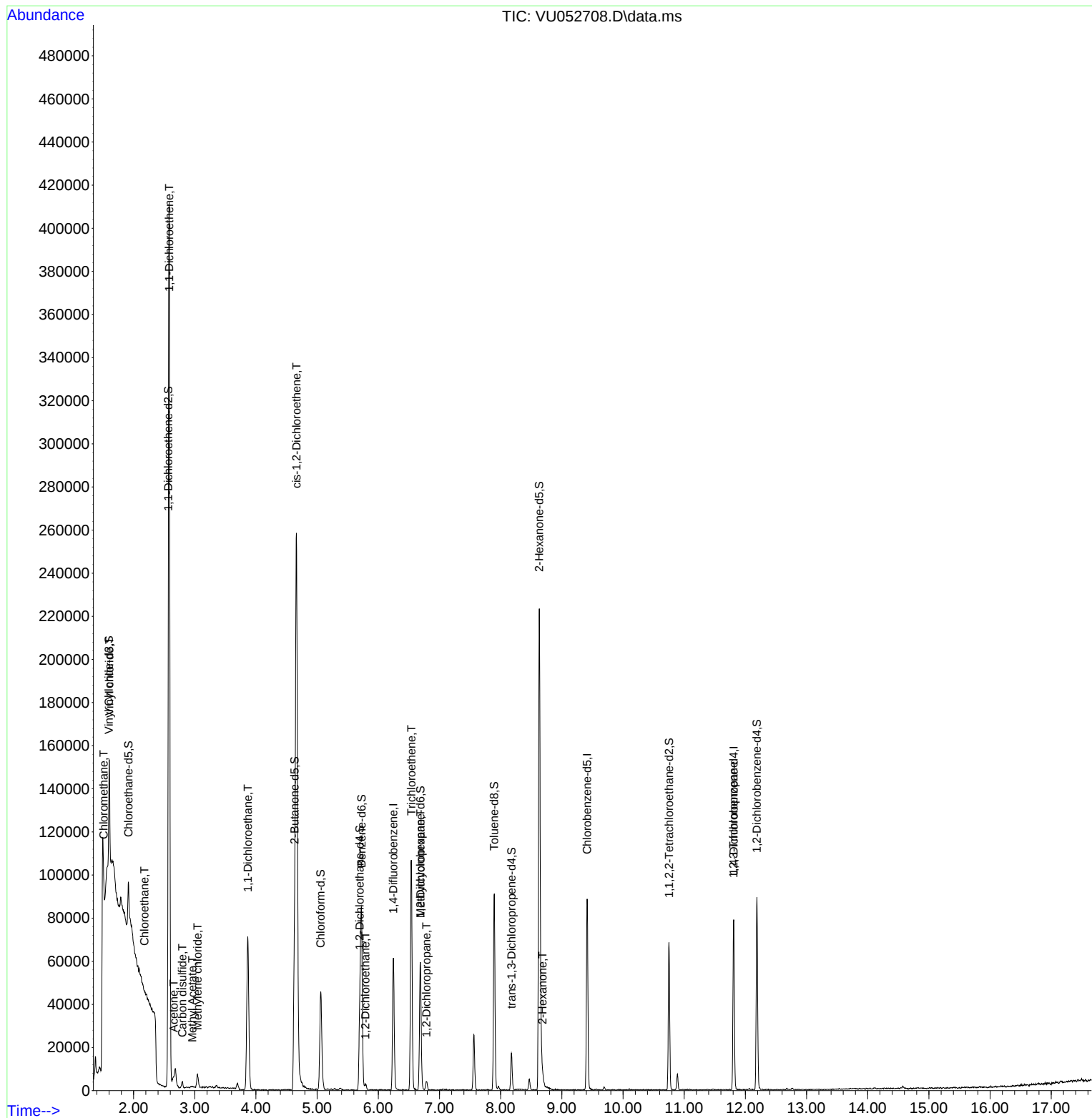
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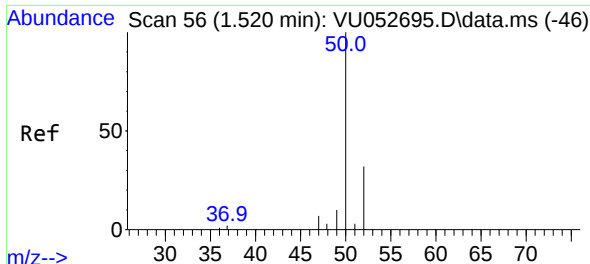
Instrument :
MSVOA_U
ClientSampleId :
BH1W9

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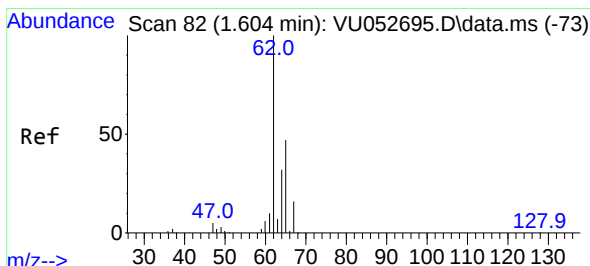
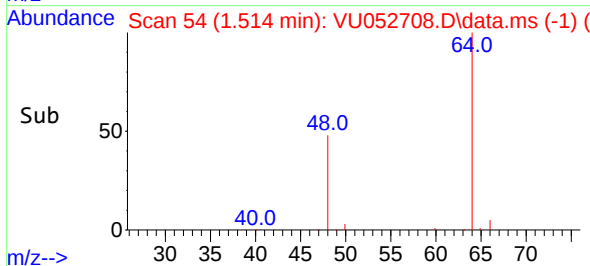
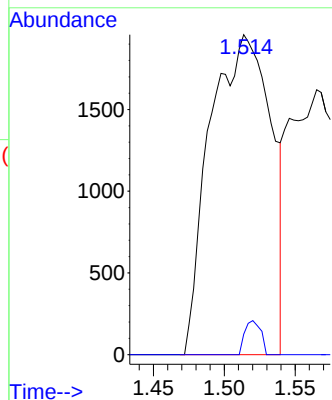
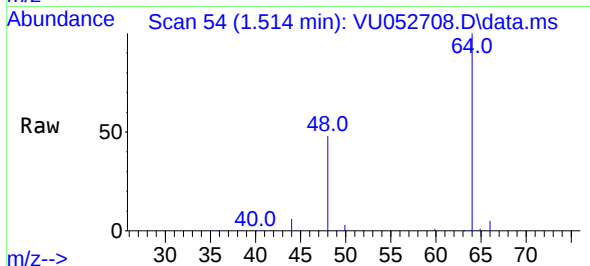




#3
Chloromethane
Concen: 0.883 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

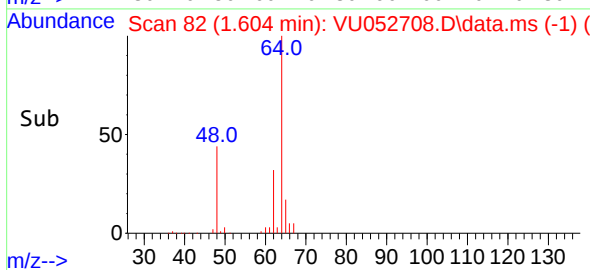
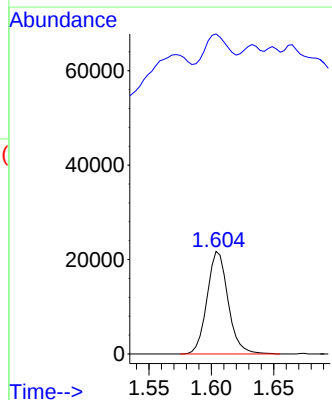
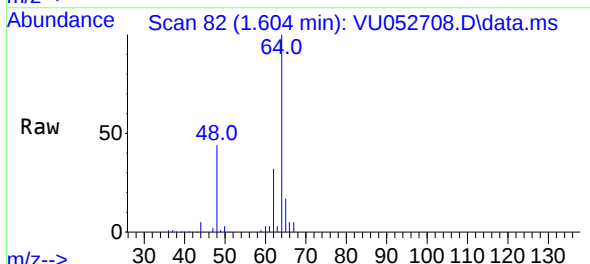
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MSVOA_U
ClientSampleId :
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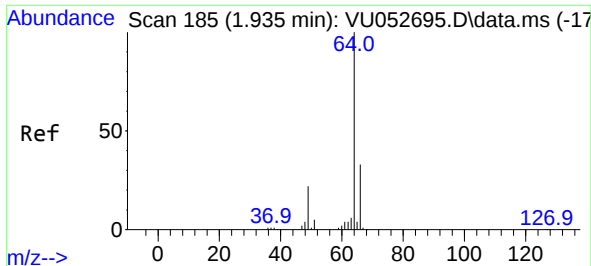
Tgt Ion: 50 Resp: 5866
Ion Ratio Lower Upper
50 100
52 6.4 22.7 42.3#



#5
Vinyl chloride
Concen: 4.014 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

Tgt Ion: 62 Resp: 25524
Ion Ratio Lower Upper
62 100
64 312.0 22.3 41.3#

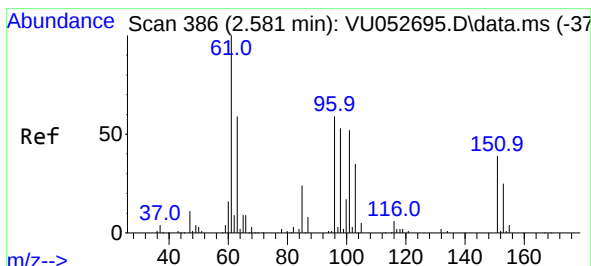
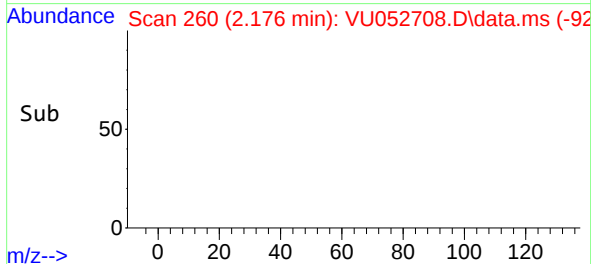
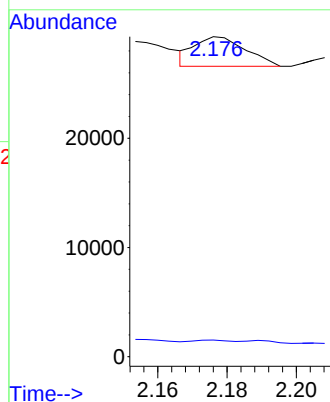
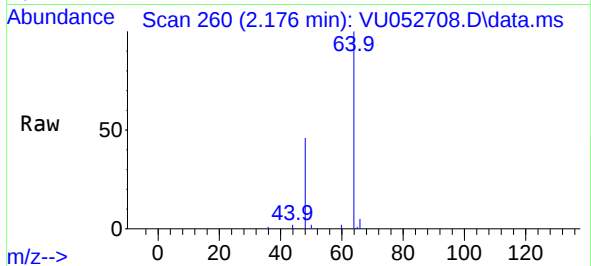




#8
Chloroethane
Concen: 0.711 ug/L
RT: 2.176 min Scan# 21
Delta R.T. 0.241 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

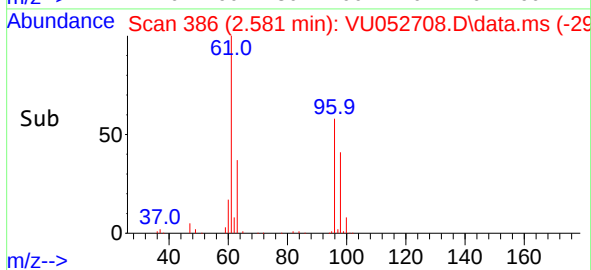
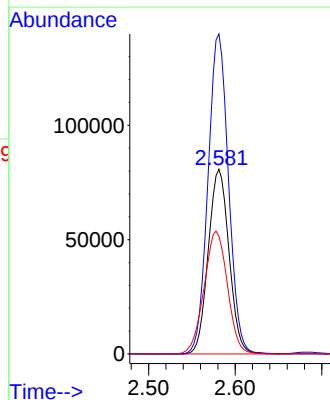
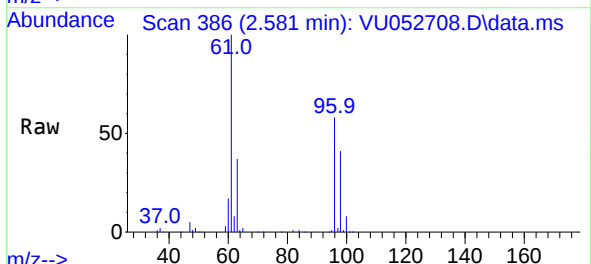
Instrument :
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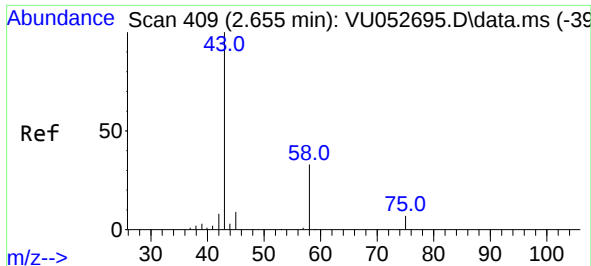
Tgt Ion: 64 Resp: 2748
Ion Ratio Lower Upper
64 100
66 5.2 21.6 40.2#



#12
1,1-Dichloroethene
Concen: 30.489 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

Tgt Ion: 96 Resp: 134643
Ion Ratio Lower Upper
96 100
61 173.4 129.6 240.8
63 63.8 83.7 155.5#





#13

Acetone

Concen: 12.879 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU052708.D

Acq: 16 Jan 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

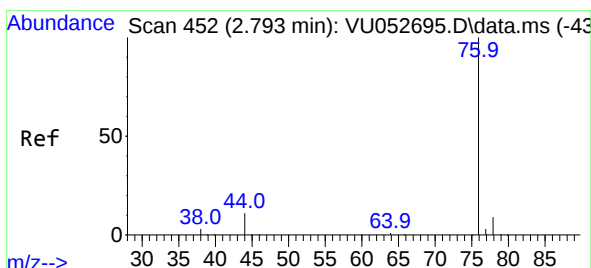
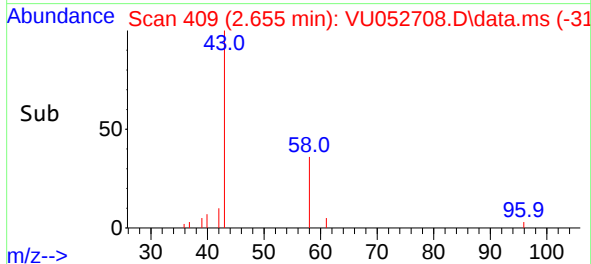
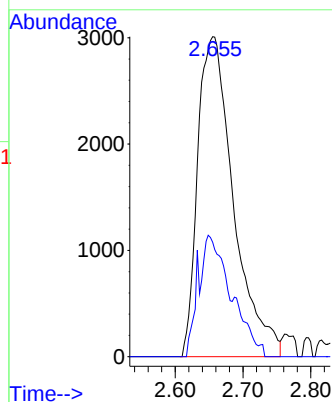
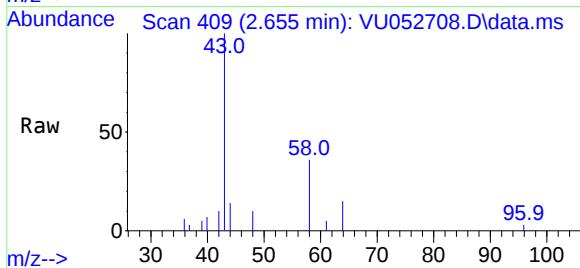
BH1W9

Tgt Ion: 43 Resp: 11052

Ion Ratio Lower Upper

43 100

58 14.1 0.0 68.8



#14

Carbon disulfide

Concen: 0.292 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU052708.D

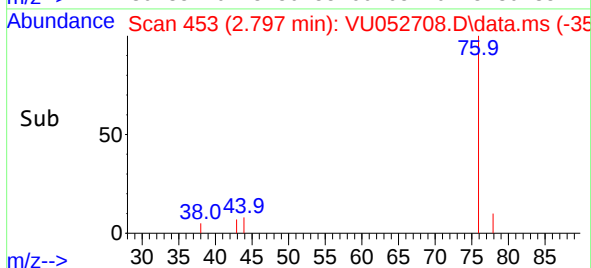
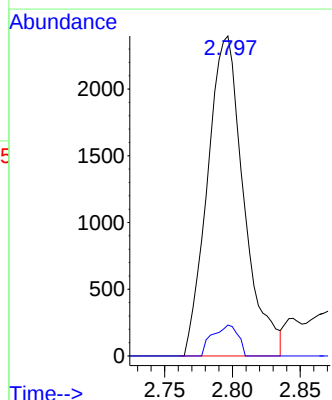
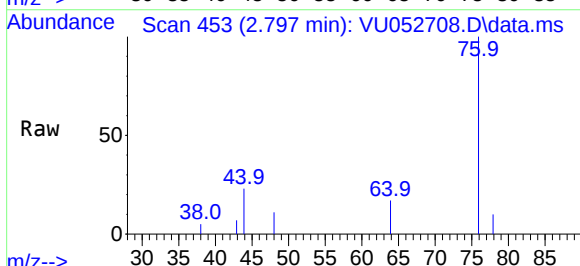
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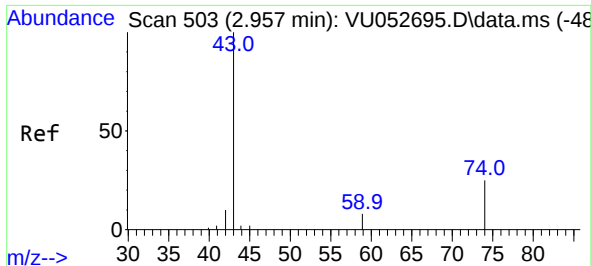
Tgt Ion: 76 Resp: 4464

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6

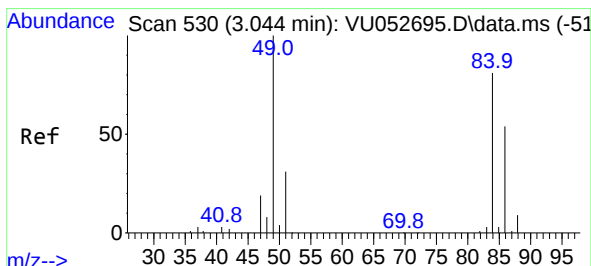
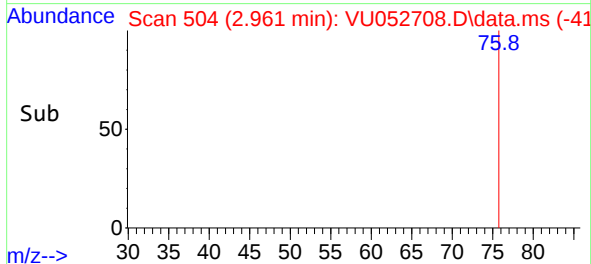
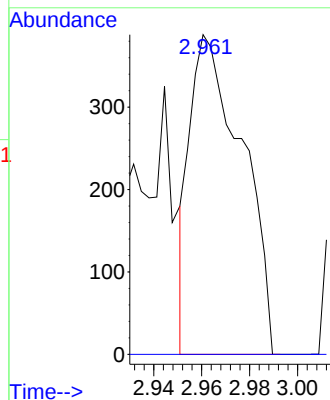
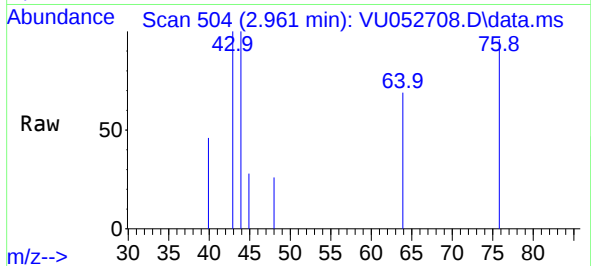




#15
Methyl Acetate
Concen: 0.285 ug/L
RT: 2.961 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

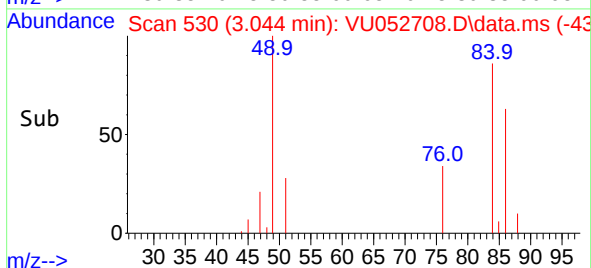
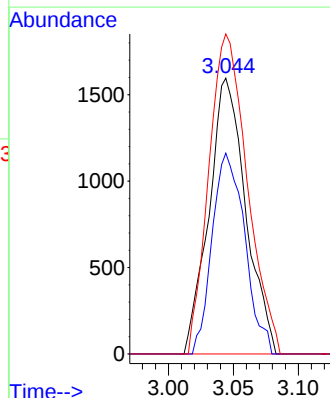
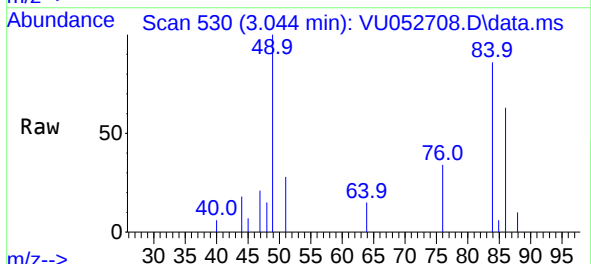
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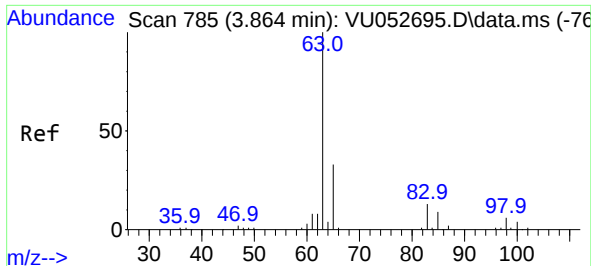
Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#16
Methylene chloride
Concen: 0.534 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

Tgt Ion: 84 Resp: 3140
Ion Ratio Lower Upper
84 100
86 72.8 45.6 84.6
49 116.0 94.8 176.0

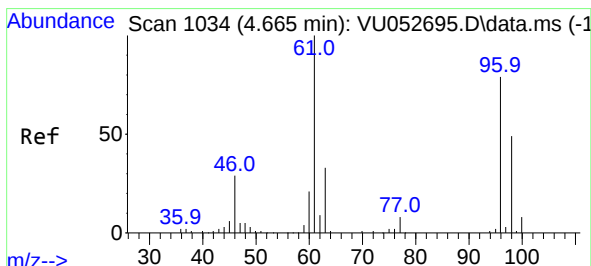
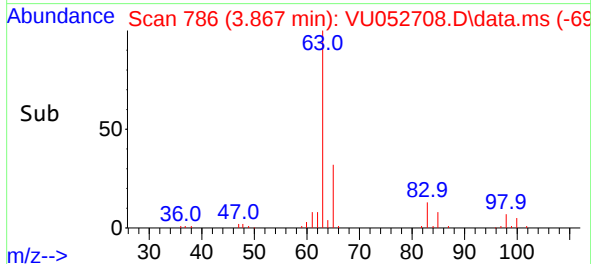
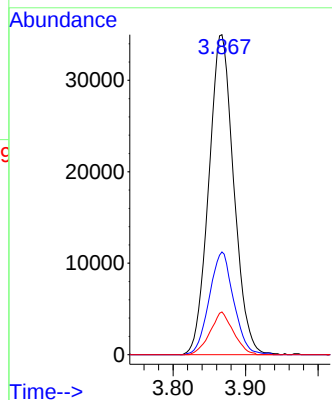
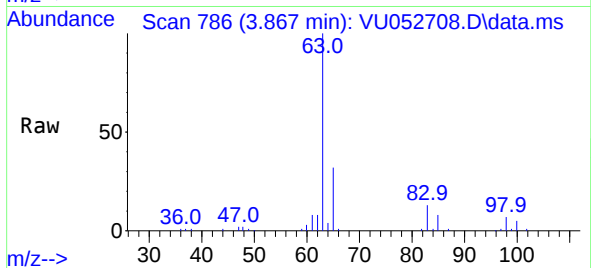




#19
1,1-Dichloroethane
Concen: 8.943 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

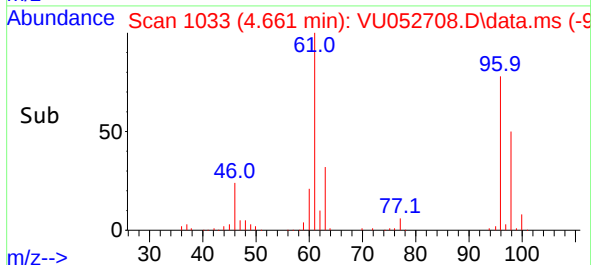
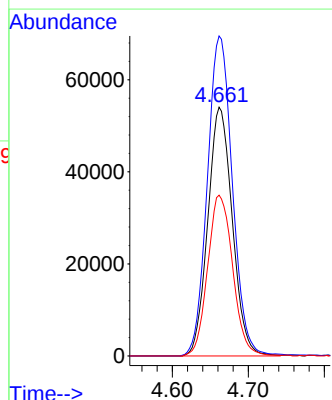
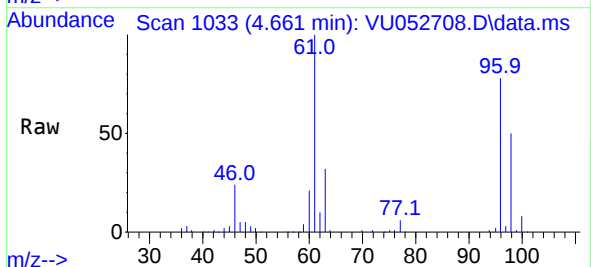
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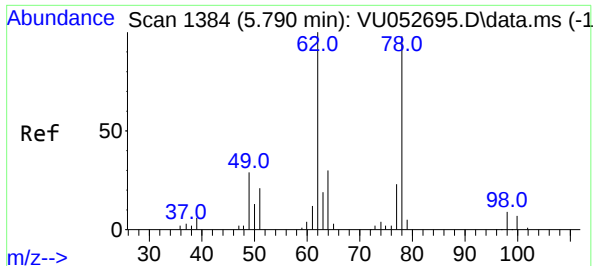
Tgt Ion: 63 Resp: 83640
Ion Ratio Lower Upper
63 100
65 32.1 22.0 41.0
83 13.3 8.9 16.5



#22
cis-1,2-Dichloroethene
Concen: 25.048 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

Tgt Ion: 96 Resp: 121148
Ion Ratio Lower Upper
96 100
61 128.6 94.6 175.8
98 64.6 43.3 80.3

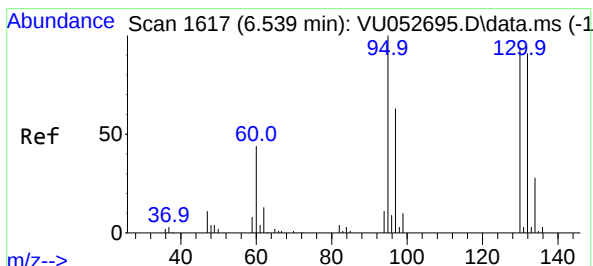
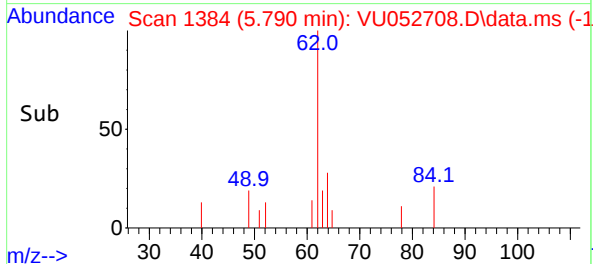
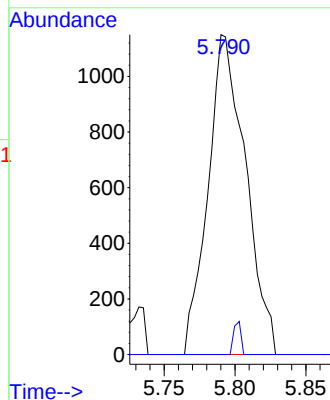
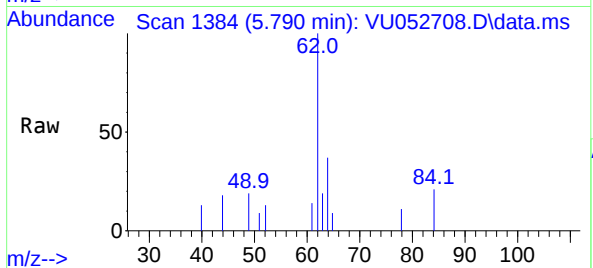




#27
1,2-Dichloroethane
Concen: 0.381 ug/L
RT: 5.790 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

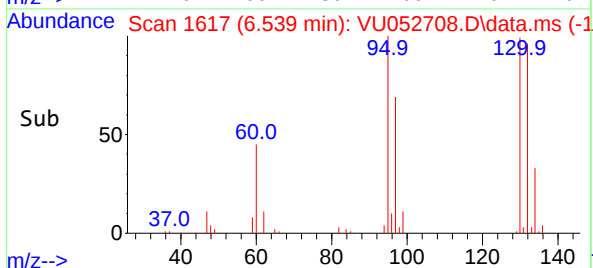
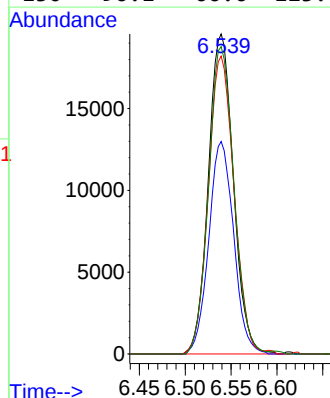
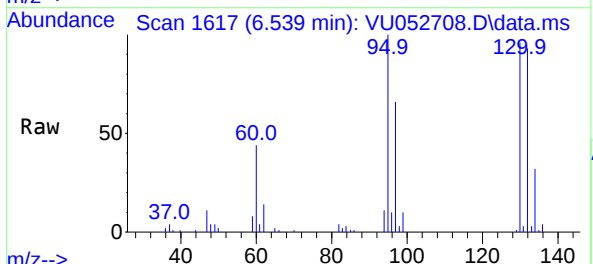
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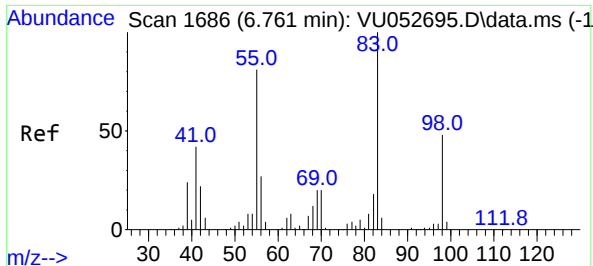
Tgt Ion: 62 Resp: 2123
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#34
Trichloroethene
Concen: 7.896 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

Tgt Ion: 95 Resp: 37062
Ion Ratio Lower Upper
95 100
97 66.4 46.0 85.4
132 93.1 64.0 118.8
130 96.1 66.6 123.8





#35

Methylcyclohexane

Concen: 0.877 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052708.D

Acq: 16 Jan 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

BH1W9

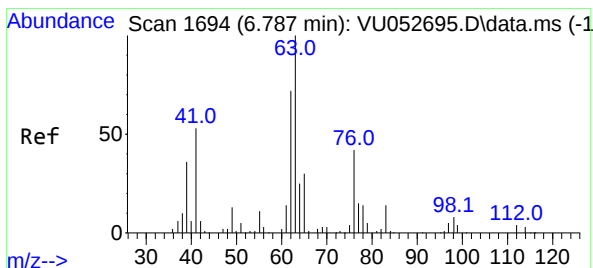
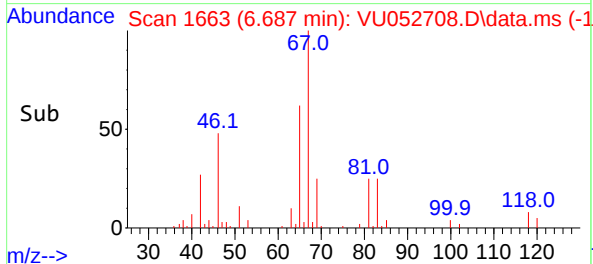
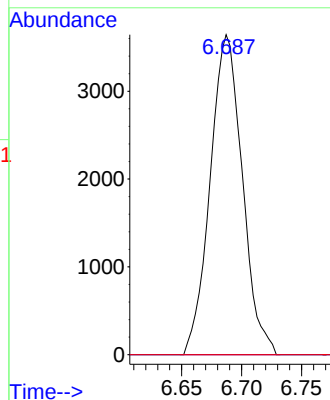
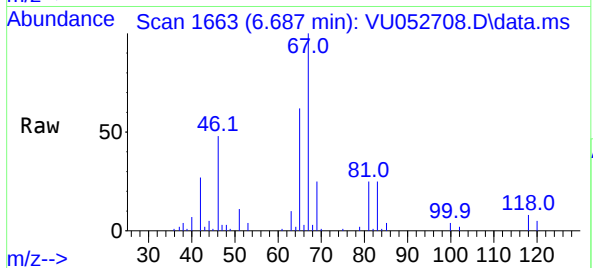
Tgt Ion: 83 Resp: 6801

Ion Ratio Lower Upper

83 100

55 0.0 67.6 101.4#

98 0.8 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.345 ug/L

RT: 6.787 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VU052708.D

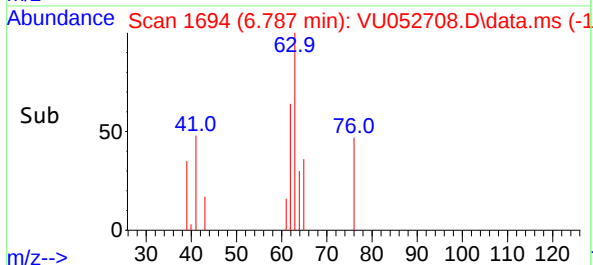
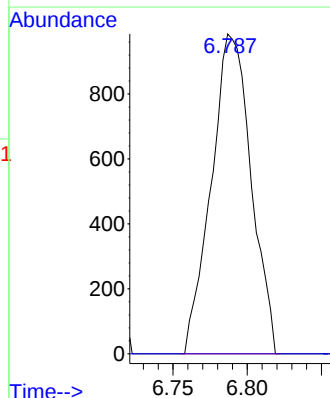
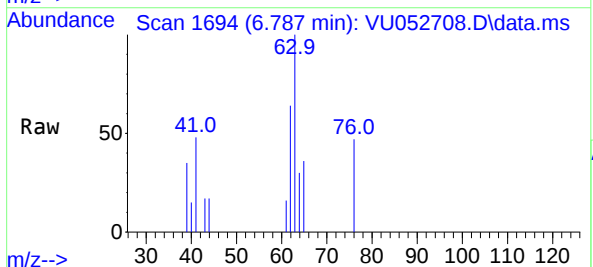
Acq: 16 Jan 2023 18:07

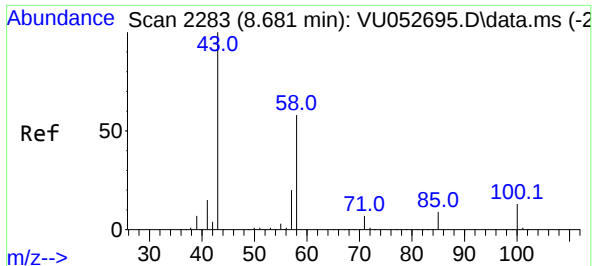
Tgt Ion: 63 Resp: 1838

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#

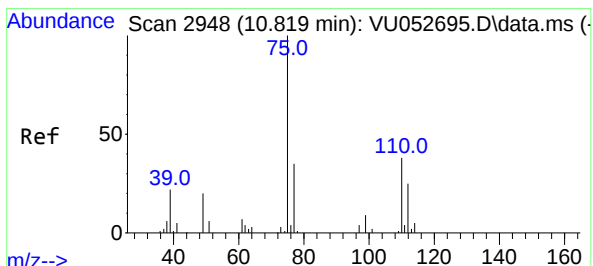
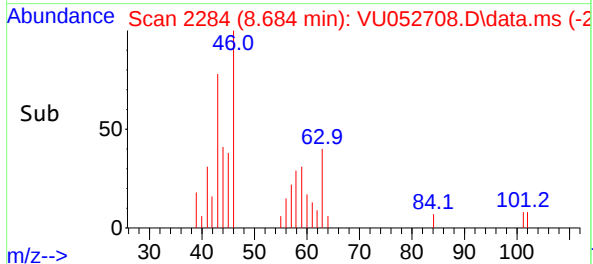
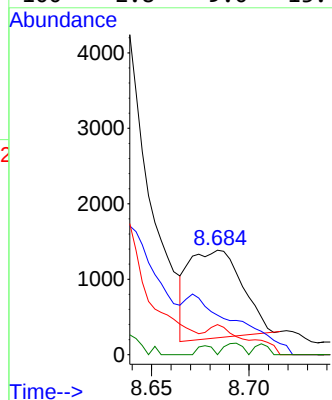
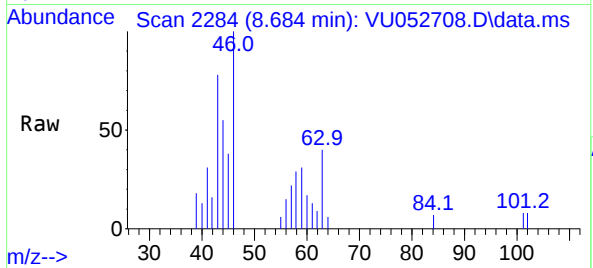




#48
2-Hexanone
Concen: 0.993 ug/L
RT: 8.684 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
BH1W9

Tgt Ion: 43	Resp:	2215	
Ion	Ratio	Lower	Upper
43	100		
58	66.3	45.1	67.7
57	26.3	15.1	22.7#
100	2.8	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 0.986 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

Tgt Ion: 75	Resp:	2465	
Ion Ratio	Lower	Upper	
75 100			
110 0.0	27.2	40.8#	
77 41.0	24.0	36.0#	

