

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)

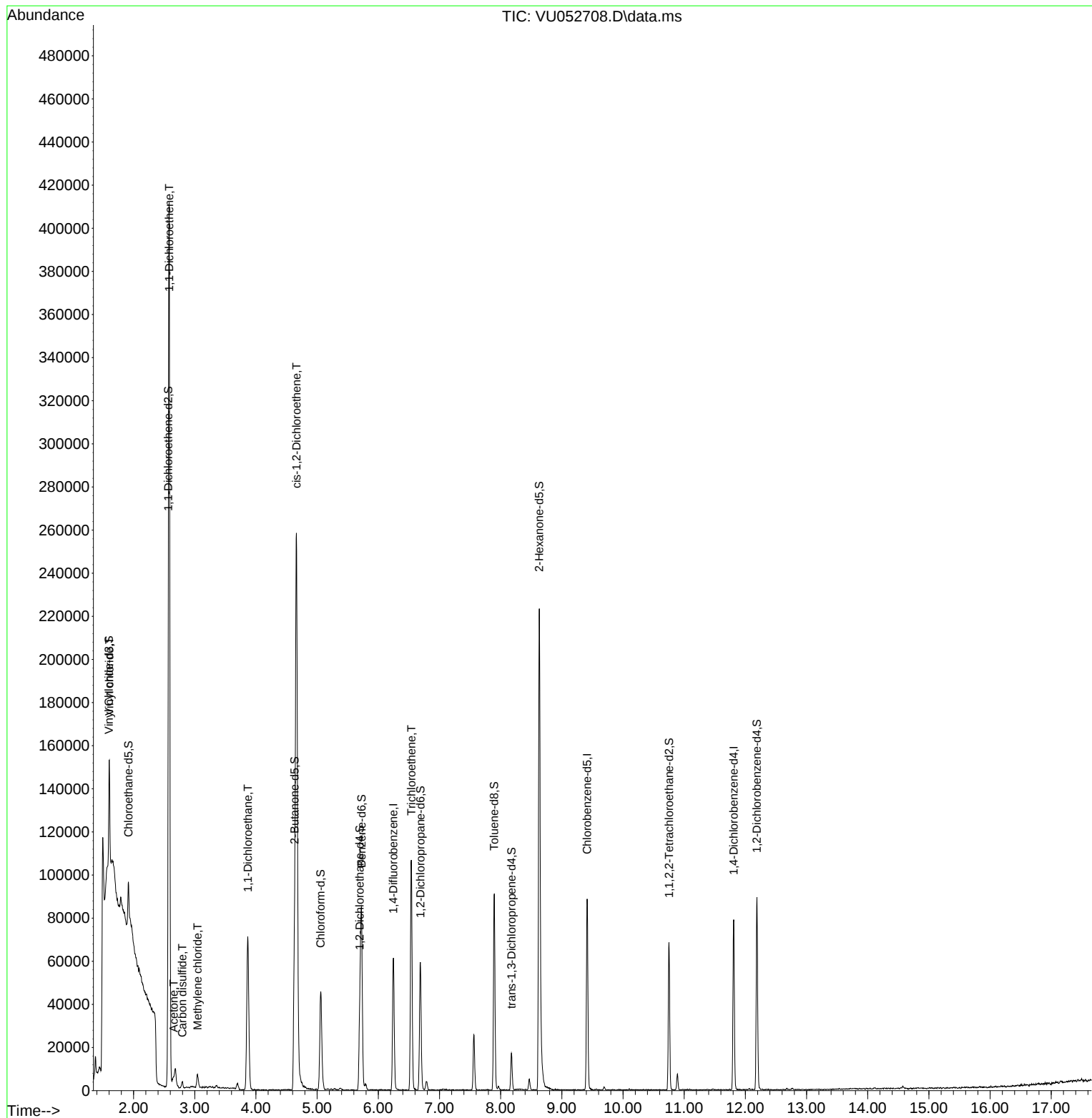
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	50936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	50135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	21521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	16282	3.638	ug/L	0.00
Spiked Amount	5.000	Range 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
5) Vinyl chloride	1.604	62	25524	4.014	ug/L #	1
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
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
34) Trichloroethene	6.539	95	37062	7.896	ug/L	99

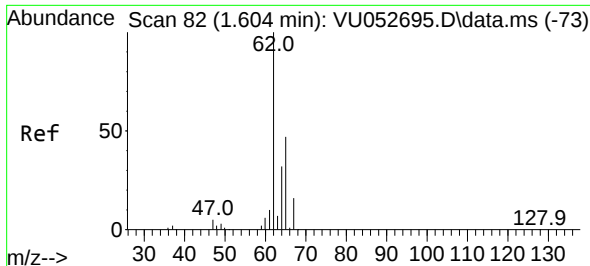
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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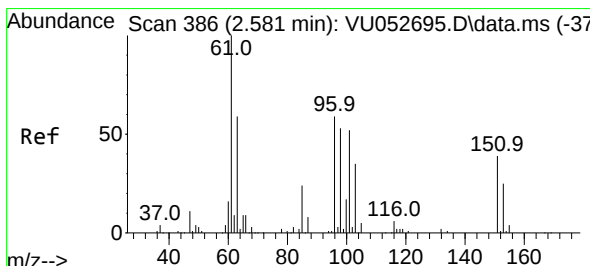
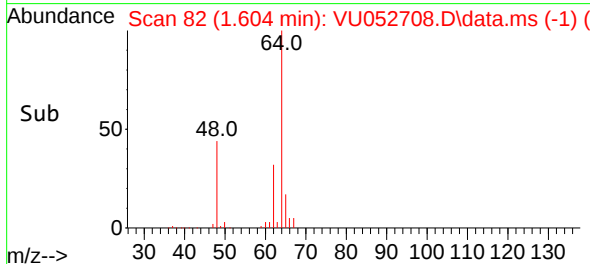
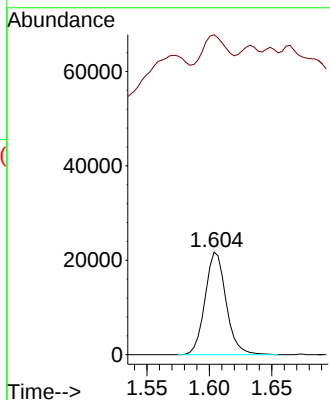
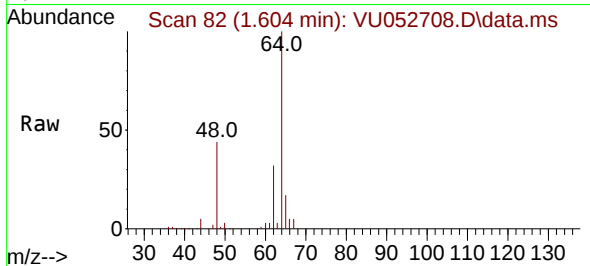




#5
 Vinyl chloride
 Concen: 4.014 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052708.D
 Acq: 16 Jan 2023 18:07

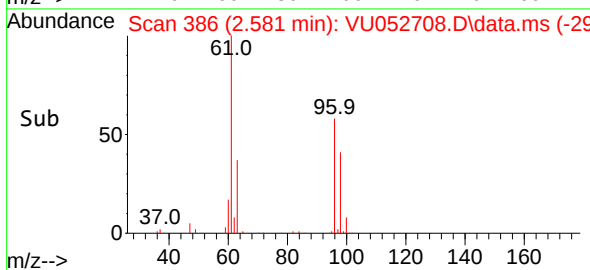
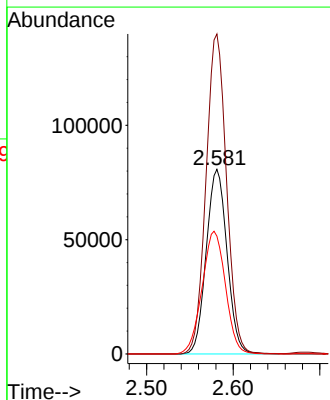
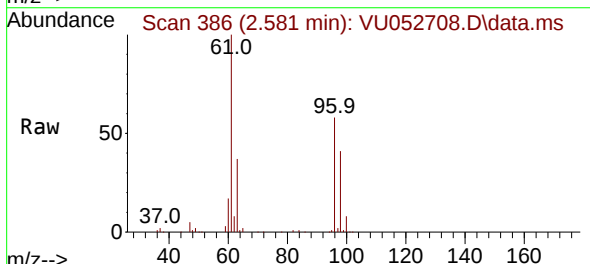
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W9

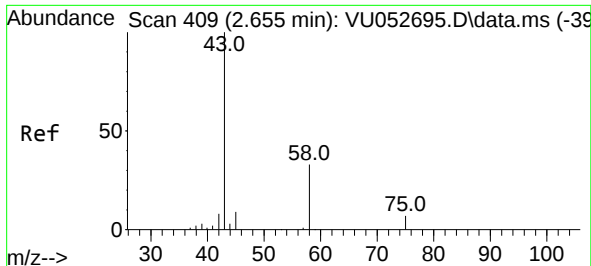
Tgt Ion: 62 Resp: 25524
 Ion Ratio Lower Upper
 62 100
 64 312.0 22.3 41.3#



#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 :

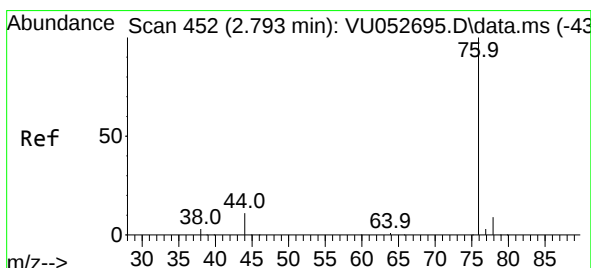
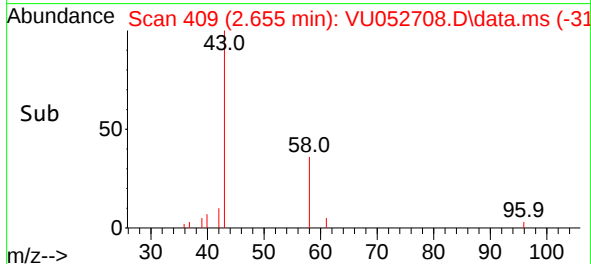
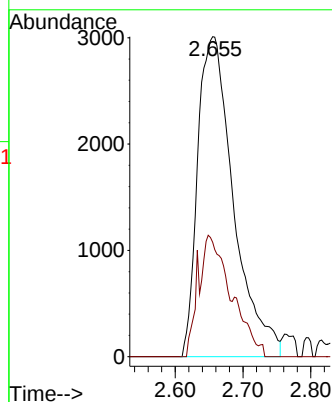
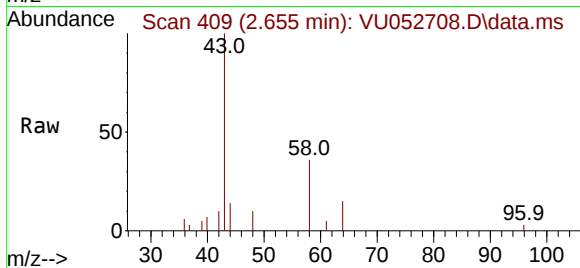
BH1W9

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

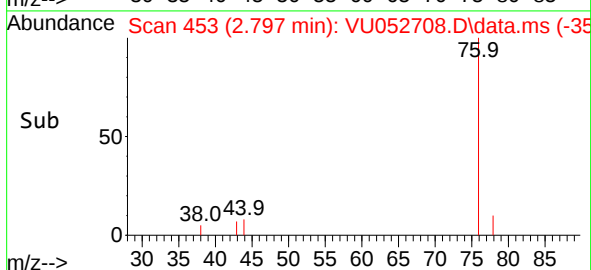
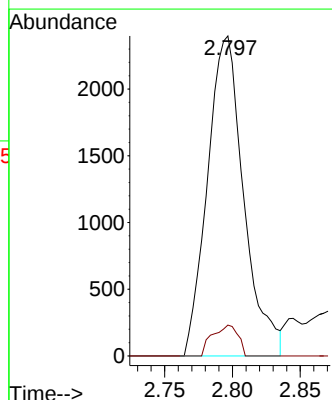
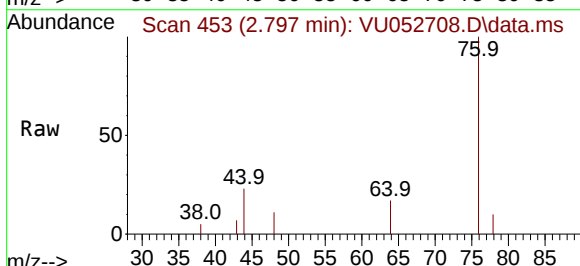
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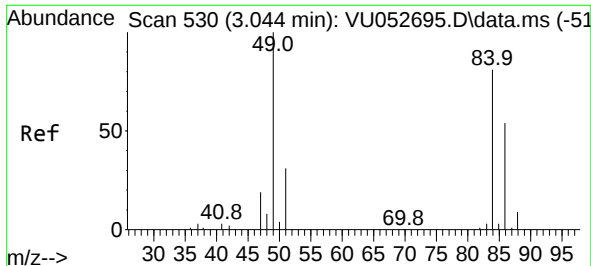
Tgt Ion: 76 Resp: 4464

Ion Ratio Lower Upper

76 100

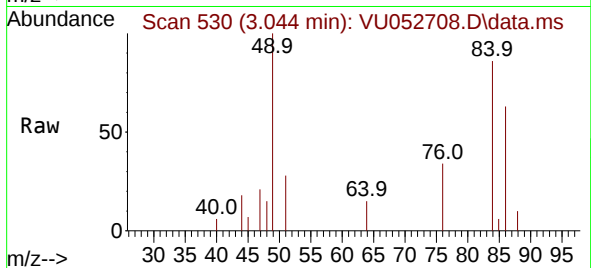
78 9.6 7.0 10.6



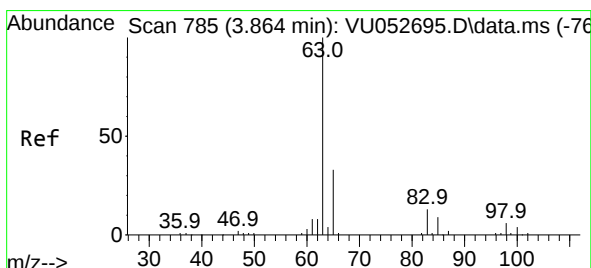
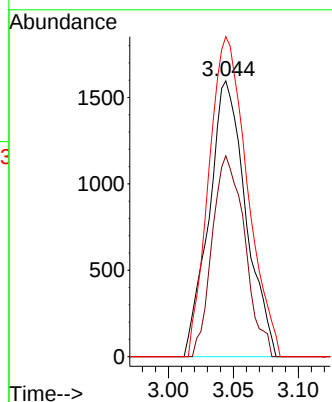
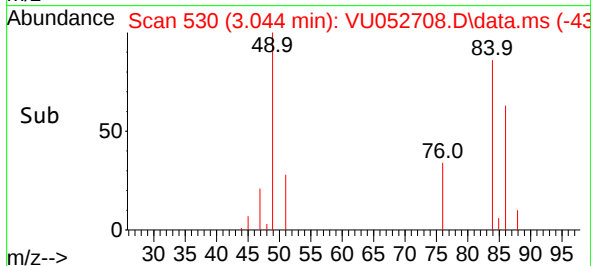


#16
Methylene chloride
Concen: 0.534 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07

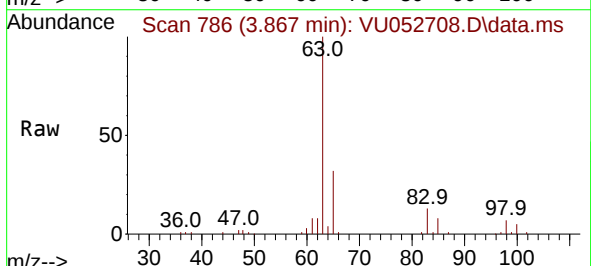
Instrument :
MSVOA_U
ClientSampleId :
BH1W9



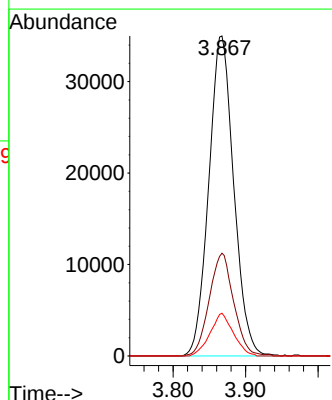
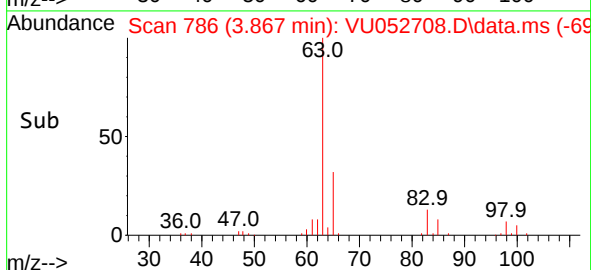
Tgt Ion: 84 Resp: 3140
Ion Ratio Lower Upper
84 100
86 72.8 45.6 84.6
49 116.0 94.8 176.0

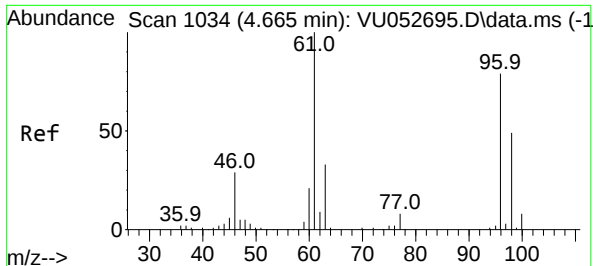


#19
1,1-Dichloroethane
Concen: 8.943 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU052708.D
Acq: 16 Jan 2023 18:07



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

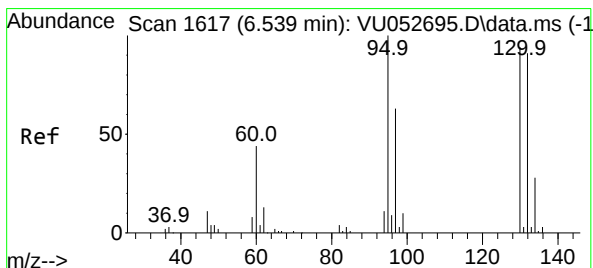
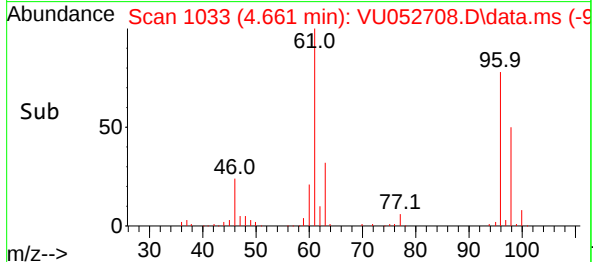
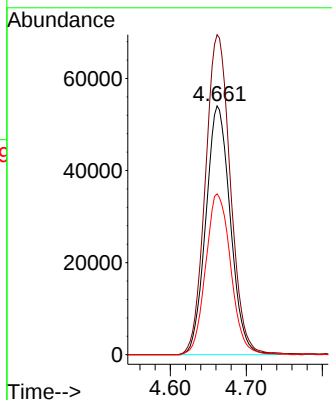
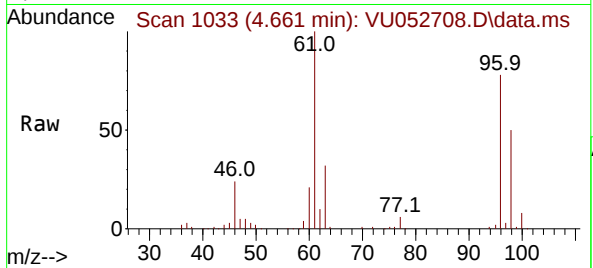




#22
 cis-1,2-Dichloroethene
 Concen: 25.048 ug/L
 RT: 4.661 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052708.D
 Acq: 16 Jan 2023 18:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W9

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



#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

