

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057524.D
 Acq On : 15 Jan 2024 12:59
 Operator : MD/SY
 Sample : P1120-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWH6

Quant Time: Jan 16 00:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

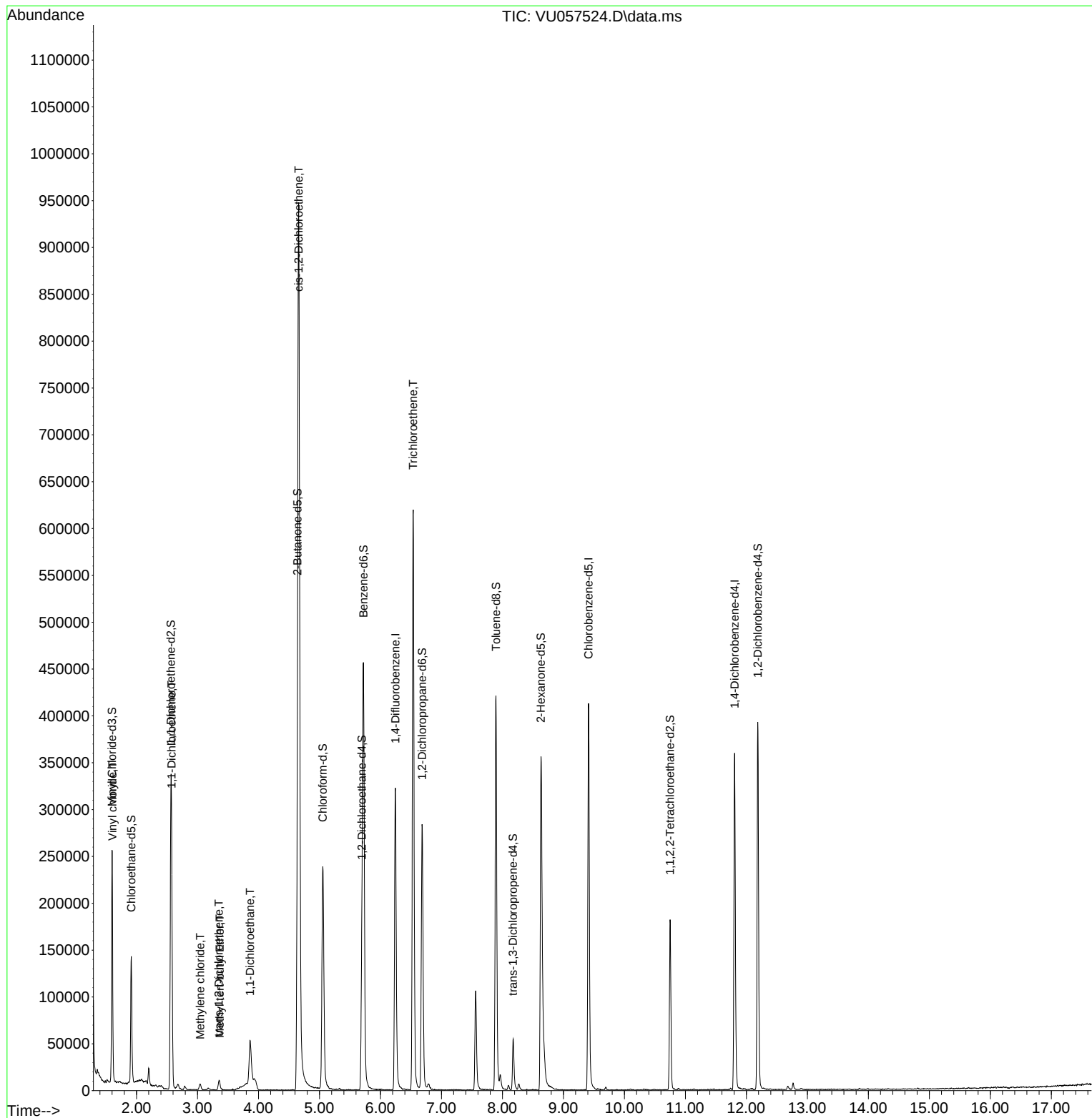
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	253335	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	121277	4.718	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.914	69	104567	5.228	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.600%	
11) 1,1-Dichloroethene-d2	2.563	65	51595	4.747	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	4.640	46	225203	46.321	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.640%	
24) Chloroform-d	5.055	84	226015	5.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	5.695	65	111219	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.721	84	429211	5.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6	6.682	67	139400	5.430	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.600%	
41) Toluene-d8	7.894	98	284298	4.090	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	8.174	79	31607	3.541	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.800%	
46) 2-Hexanone-d5	8.631	63	115288	35.673	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.340%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	93297	5.380	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	100598	5.415	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	70873	3.708	ug/L	97
12) 1,1-Dichloroethene	2.576	96	45082	3.046	ug/L #	60
16) Methylene chloride	3.046	84	2985	0.149	ug/L	85
17) Methyl tert-butyl Ether	3.364	73	3721	0.101	ug/L #	83
18) trans-1,2-Dichloroethene	3.351	96	2980	0.203	ug/L	83
19) 1,1-Dichloroethane	3.862	63	54084	1.632	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	461489	26.983	ug/L	97
34) Trichloroethene	6.534	95	223126	12.805	ug/L	99

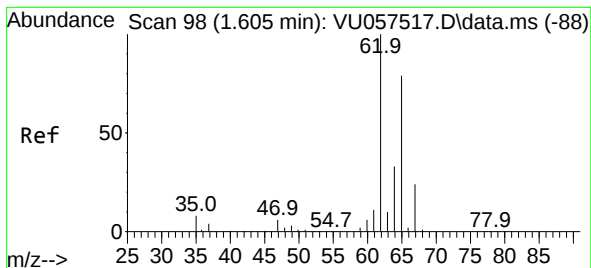
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 00:34:33 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 00:31:32 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.708 ug/L

RT: 1.605 min Scan# 98

Delta R.T. 0.000 min

Lab File: VU057524.D

Acq: 15 Jan 2024 12:59

Instrument :

MSVOA_U

ClientSampleId :

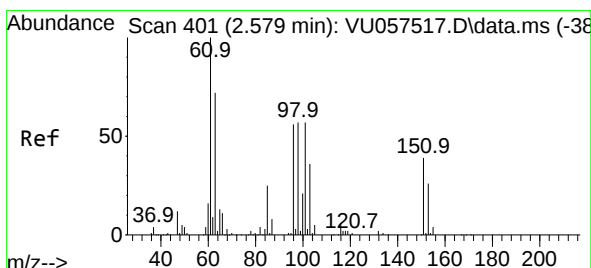
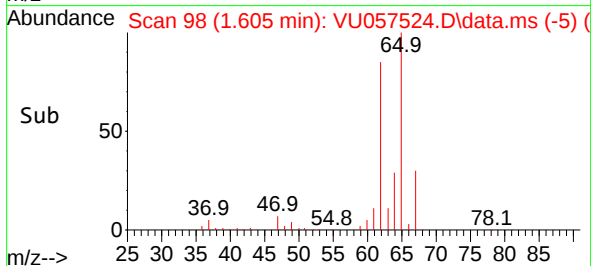
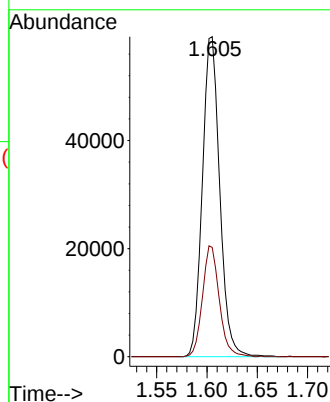
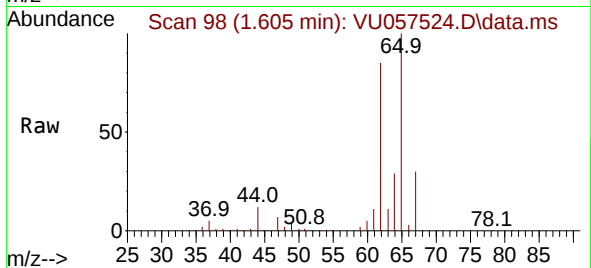
BGWH6

Tgt Ion: 62 Resp: 70873

Ion Ratio Lower Upper

62 100

64 34.1 22.9 42.5



#12

1,1-Dichloroethene

Concen: 3.046 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.003 min

Lab File: VU057524.D

Acq: 15 Jan 2024 12:59

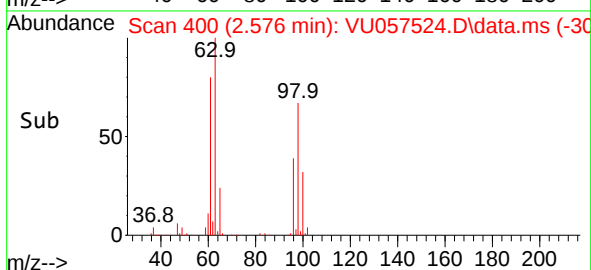
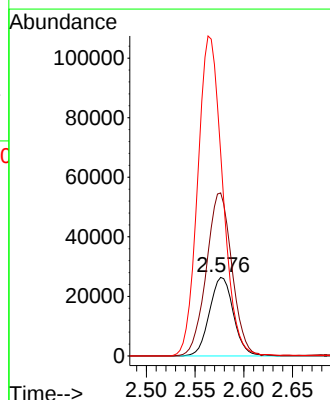
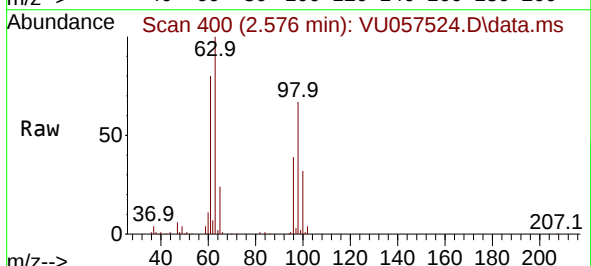
Tgt Ion: 96 Resp: 45082

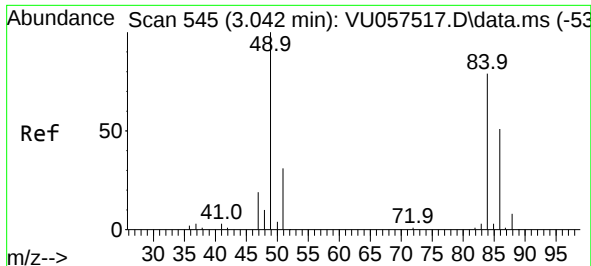
Ion Ratio Lower Upper

96 100

61 207.4 130.9 243.1

63 258.3 114.8 213.2#

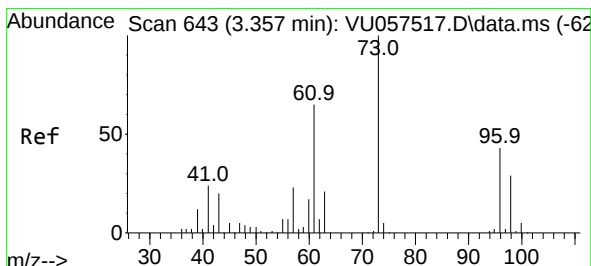
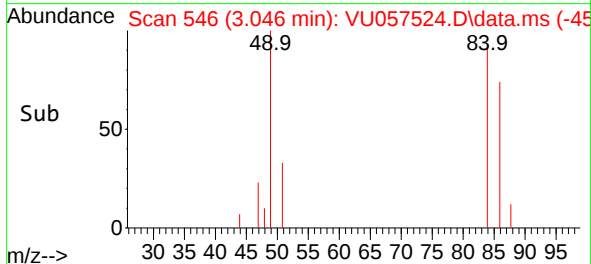
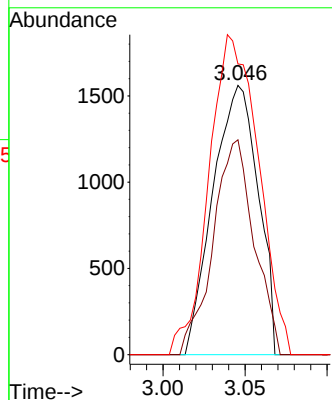
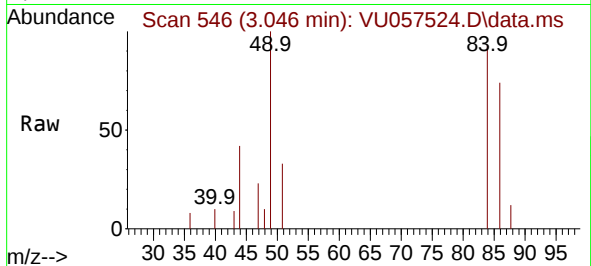




#16
Methylene chloride
Concen: 0.149 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057524.D
Acq: 15 Jan 2024 12:59

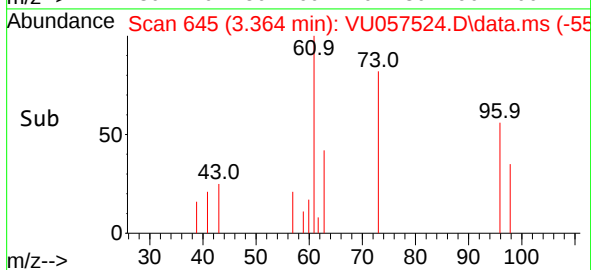
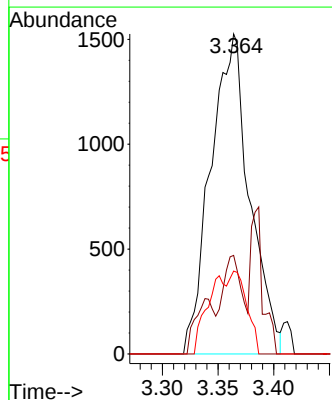
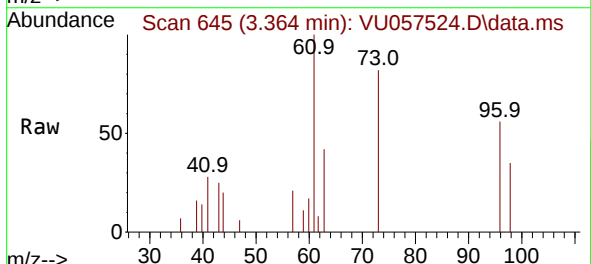
Instrument :
MSVOA_U
ClientSampleId :
BGWH6

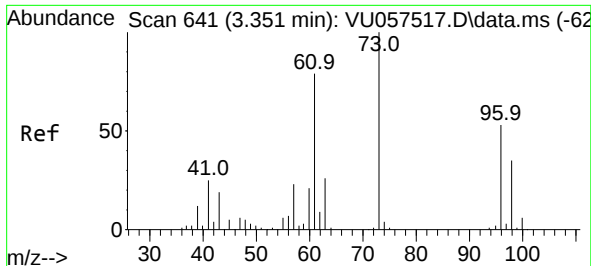
Tgt Ion: 84 Resp: 2985
Ion Ratio Lower Upper
84 100
86 79.8 45.8 85.2
49 107.9 86.7 161.1



#17
Methyl tert-butyl Ether
Concen: 0.101 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.007 min
Lab File: VU057524.D
Acq: 15 Jan 2024 12:59

Tgt Ion: 73 Resp: 3721
Ion Ratio Lower Upper
73 100
43 15.6 16.1 24.1#
57 11.7 18.2 27.4#

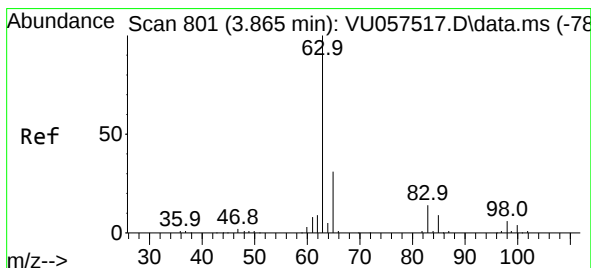
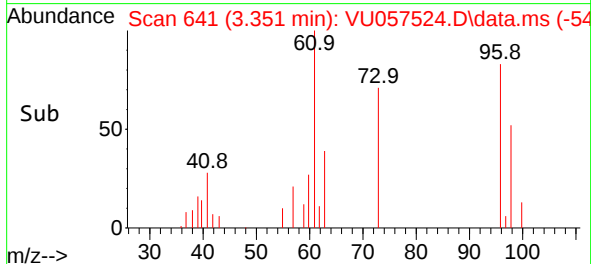
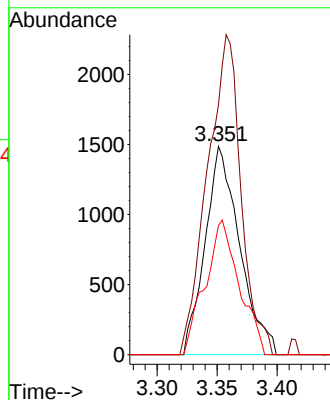
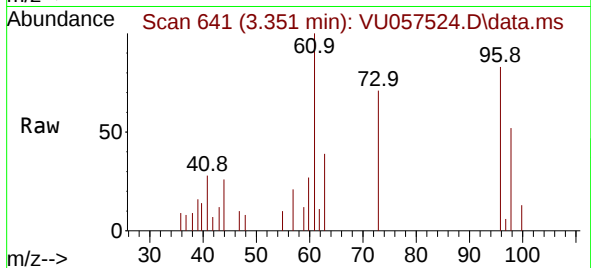




#18
trans-1,2-Dichloroethene
Concen: 0.203 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU057524.D
Acq: 15 Jan 2024 12:59

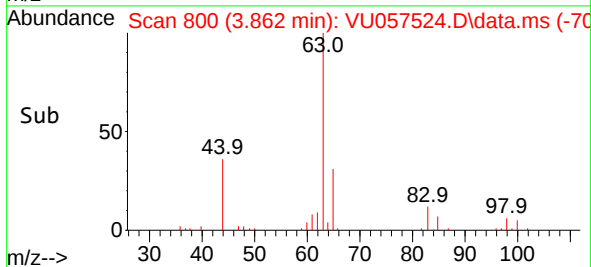
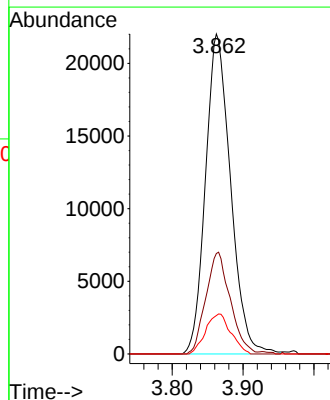
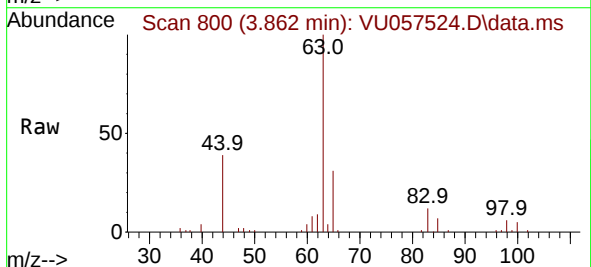
Instrument :
MSVOA_U
ClientSampleId :
BGWH6

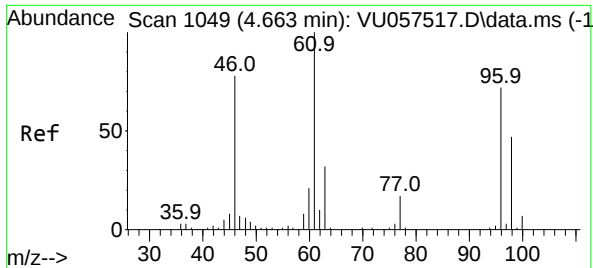
Tgt Ion: 96 Resp: 2980
Ion Ratio Lower Upper
96 100
61 119.8 105.1 195.3
98 61.9 43.7 81.1



#19
1,1-Dichloroethane
Concen: 1.632 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU057524.D
Acq: 15 Jan 2024 12:59

Tgt Ion: 63 Resp: 54084
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.3
83 12.0 9.1 16.9

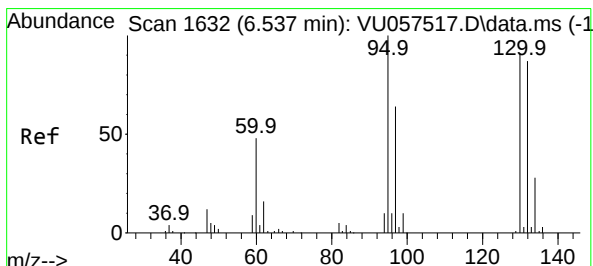
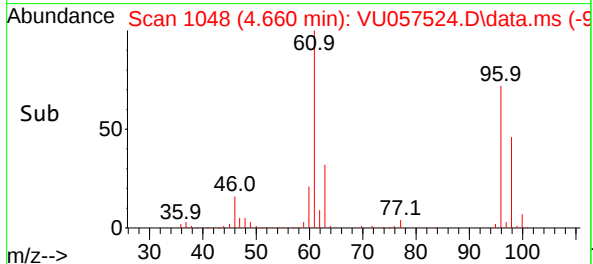
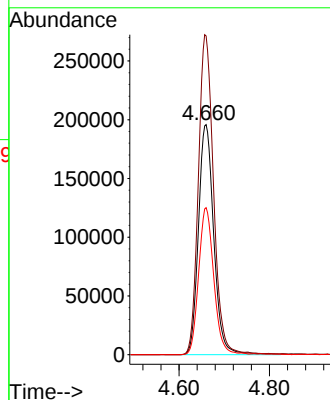
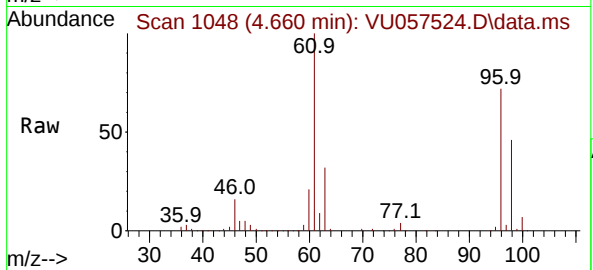




#22
cis-1,2-Dichloroethene
Concen: 26.983 ug/L
RT: 4.660 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU057524.D
Acq: 15 Jan 2024 12:59

Instrument :
MSVOA_U
ClientSampleId :
BGWH6

Tgt Ion: 96 Resp: 461489
Ion Ratio Lower Upper
96 100
61 138.6 93.4 173.4
98 63.9 44.9 83.3



#34
Trichloroethene
Concen: 12.805 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU057524.D
Acq: 15 Jan 2024 12:59

Tgt Ion: 95 Resp: 223126
Ion Ratio Lower Upper
95 100
97 64.4 45.0 83.6
132 88.2 61.7 114.5
130 92.5 63.1 117.3

