

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057546.D
 Acq On : 17 Jan 2024 17:52
 Operator : MD/SY
 Sample : P1120-02 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWG2

Quant Time: Jan 18 01:11:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 01:10:22 2024
 Response via : Initial Calibration

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

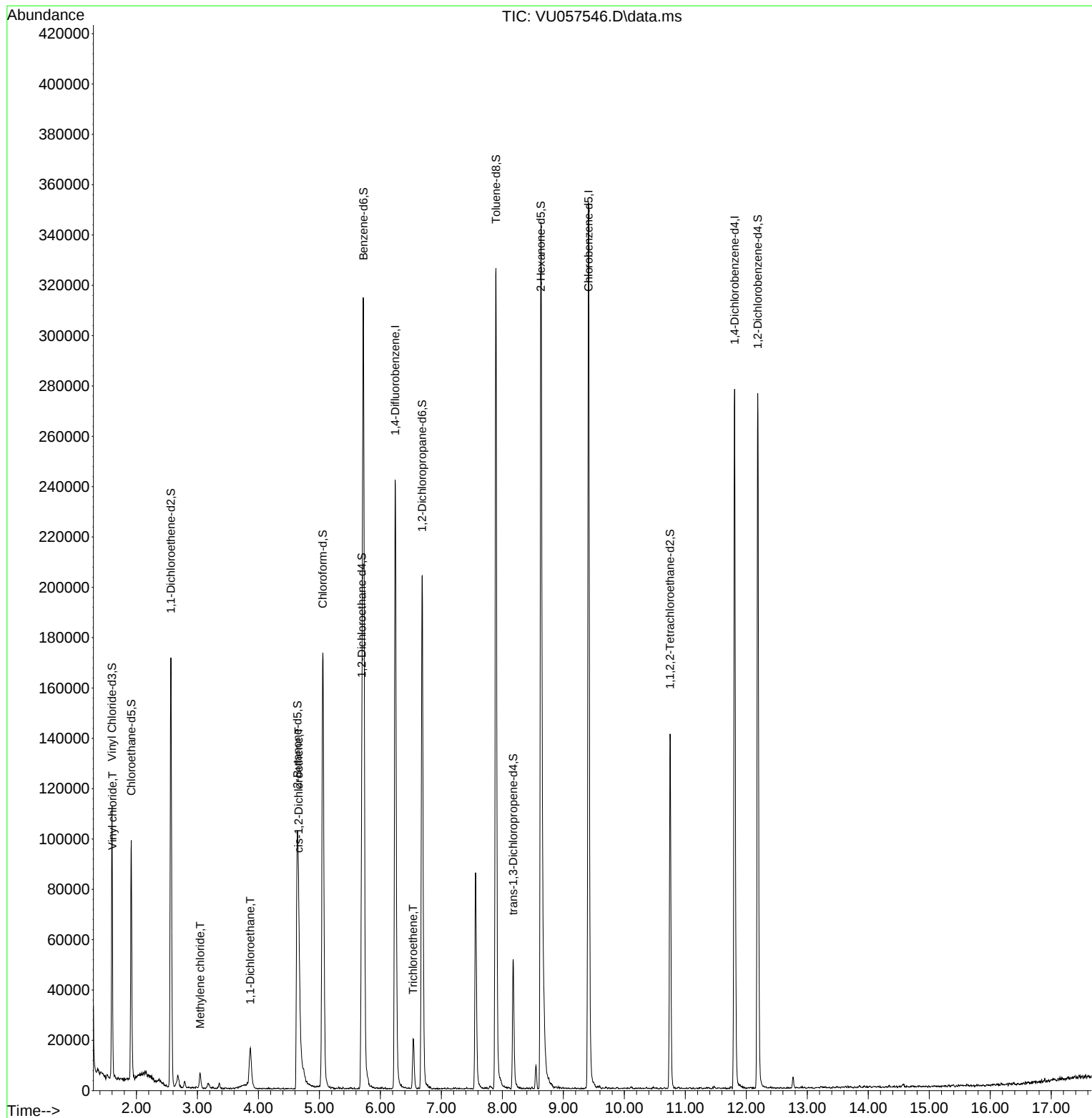
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	191156	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	191915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73528	3.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.914	69	70099	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	32065	3.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.637	46	183460	50.010	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.020%
24) Chloroform-d	5.055	84	162001	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.695	65	81517	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.721	84	290272	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.682	67	95451	4.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.894	98	217217	3.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.177	79	29227	3.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.631	63	109755	39.953	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68995	4.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	70144	4.982	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	3376	0.234	ug/L	# 72
16) Methylene chloride	3.042	84	2514	0.166	ug/L	94
19) 1,1-Dichloroethane	3.866	63	17116	0.684	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	8785	0.681	ug/L	98
34) Trichloroethene	6.538	95	7104	0.480	ug/L	85

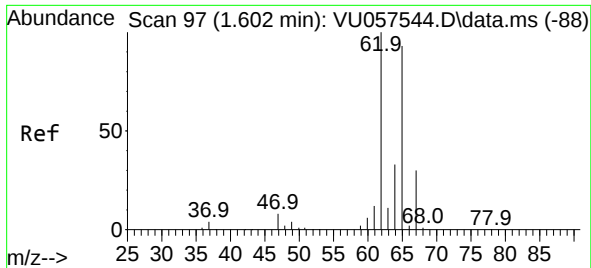
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Jan 18 01:11:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 01:10:22 2024
Response via : Initial Calibration

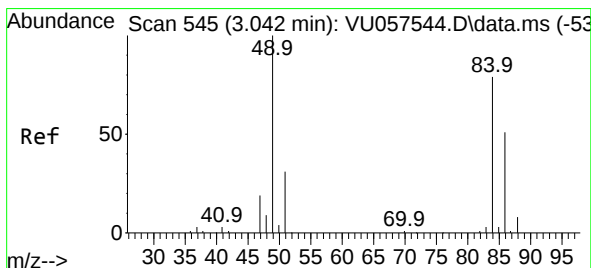
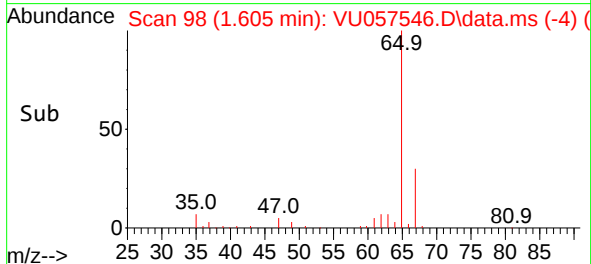
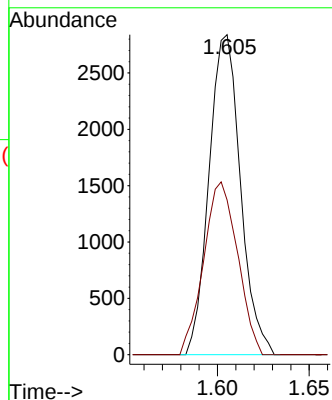
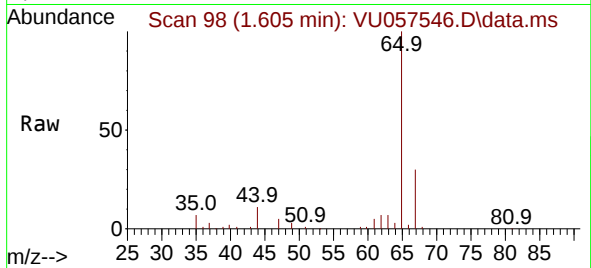




#5
Vinyl chloride
Concen: 0.234 ug/L
RT: 1.605 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU057546.D
Acq: 17 Jan 2024 17:52

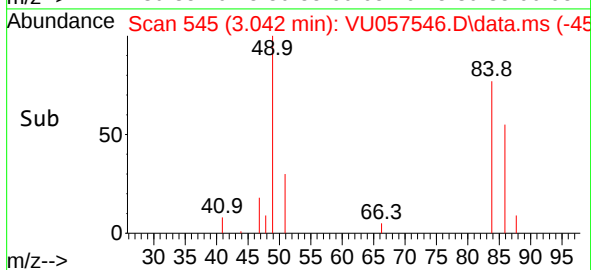
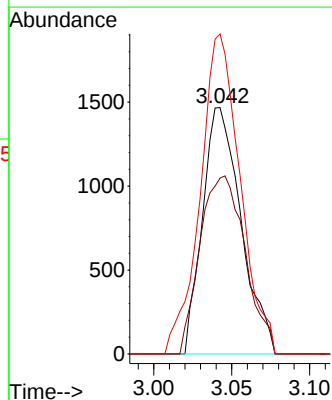
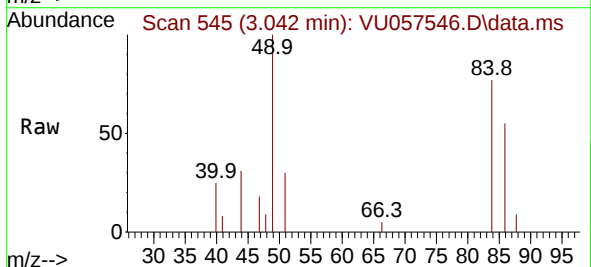
Instrument :
MSVOA_U
ClientSampleId :
BGWG2

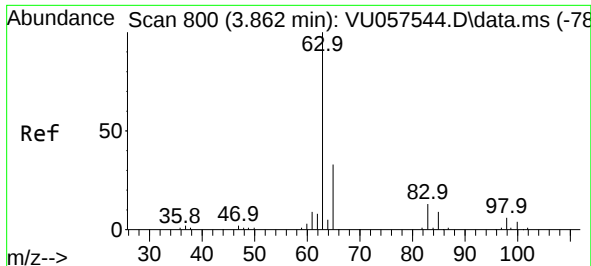
Tgt Ion: 62 Resp: 3376
Ion Ratio Lower Upper
62 100
64 48.3 22.9 42.5#



#16
Methylene chloride
Concen: 0.166 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057546.D
Acq: 17 Jan 2024 17:52

Tgt Ion: 84 Resp: 2514
Ion Ratio Lower Upper
84 100
86 71.3 45.8 85.2
49 129.8 86.7 161.1





#19

1,1-Dichloroethane

Concen: 0.684 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU057546.D

Acq: 17 Jan 2024 17:52

Instrument :

MSVOA_U

ClientSampleId :

BGWG2

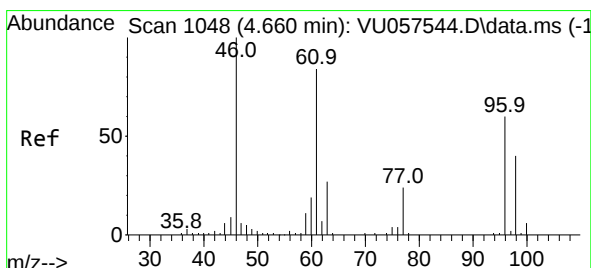
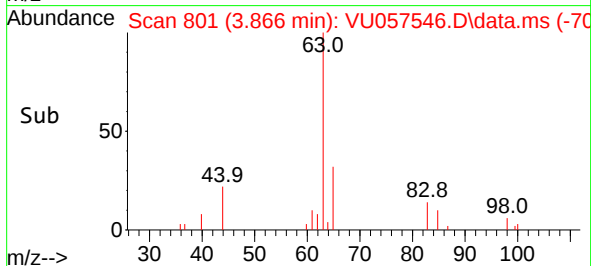
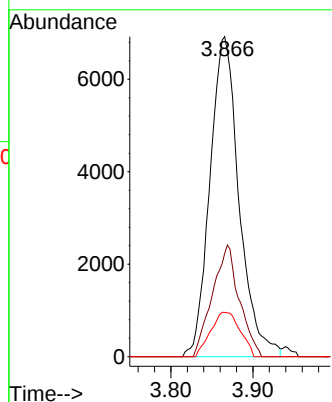
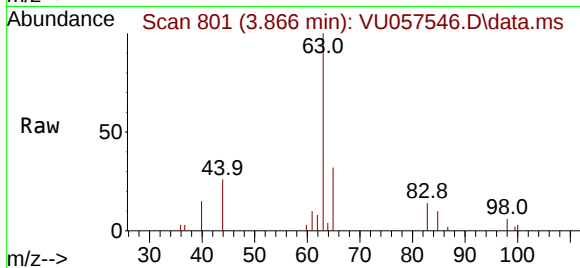
Tgt Ion: 63 Resp: 17116

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.3

83 13.9 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.681 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU057546.D

Acq: 17 Jan 2024 17:52

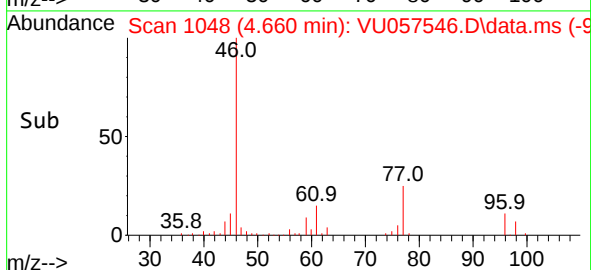
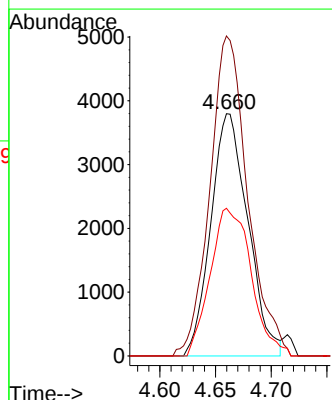
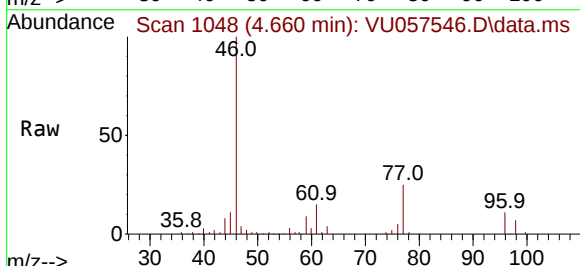
Tgt Ion: 96 Resp: 8785

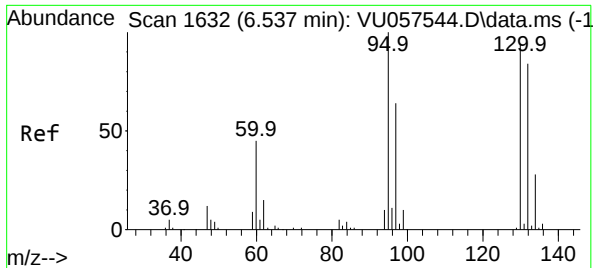
Ion Ratio Lower Upper

96 100

61 132.1 93.4 173.4

98 61.0 44.9 83.3





#34
 Trichloroethene
 Concen: 0.480 ug/L
 RT: 6.538 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU057546.D
 Acq: 17 Jan 2024 17:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWG2

Tgt Ion: 95 Resp: 7104

Ion	Ratio	Lower	Upper
95	100		
97	53.0	45.0	83.6
132	71.1	61.7	114.5
130	79.4	63.1	117.3

