

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057744.D
 Acq On : 30 Jan 2024 15:23
 Operator : MD/SY
 Sample : P1239-14 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FC4

Quant Time: Jan 30 22:37:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

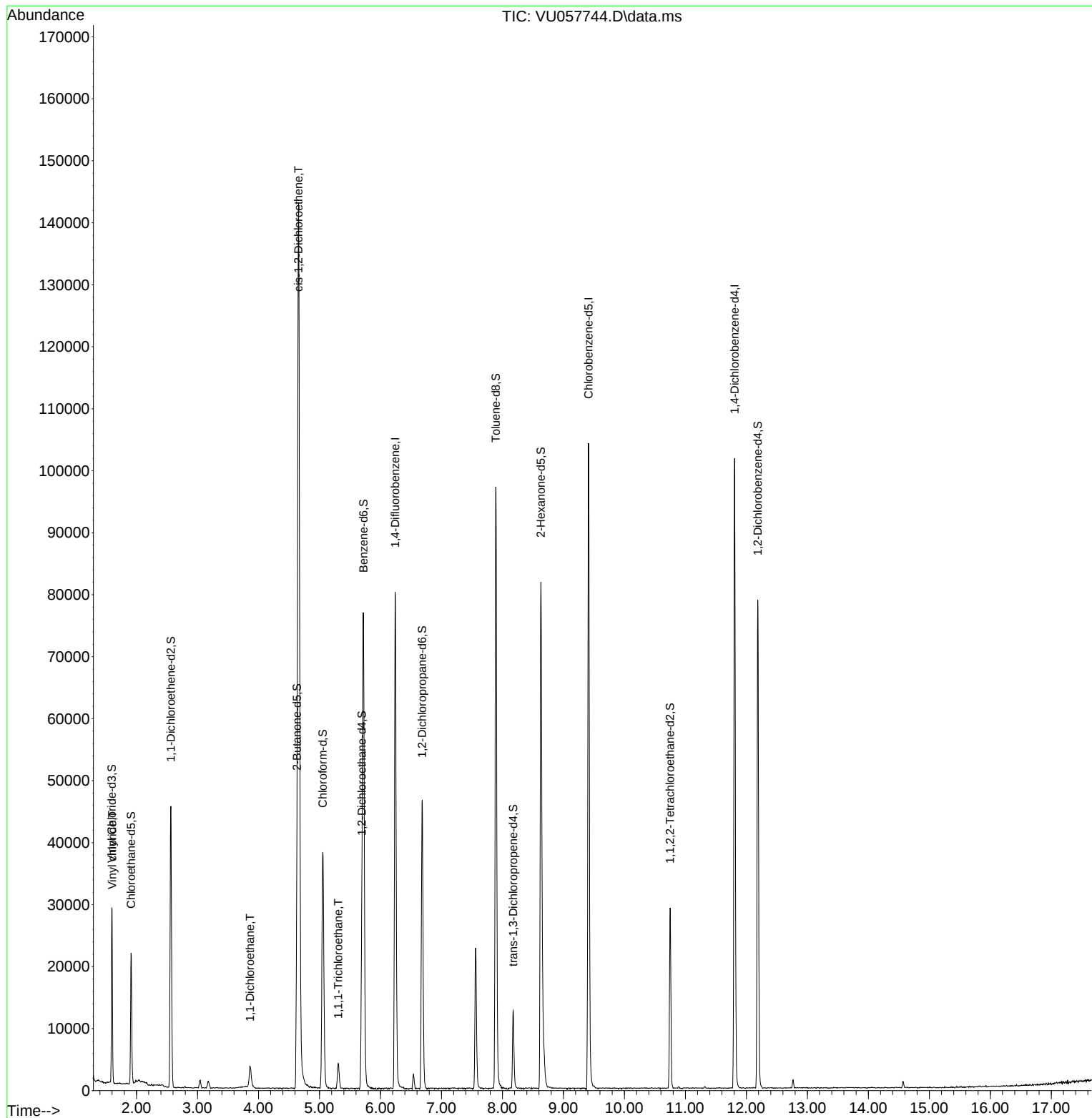
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	64887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18738	5.241	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.911	69	15748	5.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.563	65	8486	5.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.631	46	37553	55.681	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.360%
24) Chloroform-d	5.055	84	36225	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.695	65	18524	5.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.721	84	74226	5.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	6.682	67	22035	5.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.891	98	67051	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	8.177	79	8093	4.961	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.631	63	28433	54.625	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	14407	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	20980	5.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	1793	0.306	ug/L	# 79
19) 1,1-Dichloroethane	3.862	63	4387	0.478	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	69800	13.072	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	3186	0.375	ug/L	91

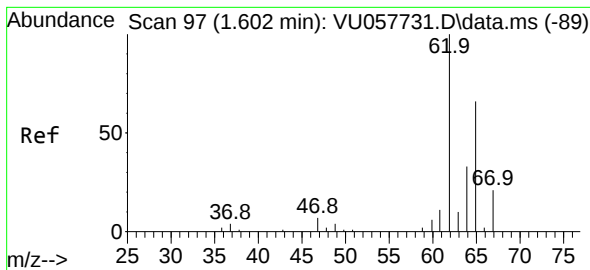
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.306 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057744.D

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MSVOA_U

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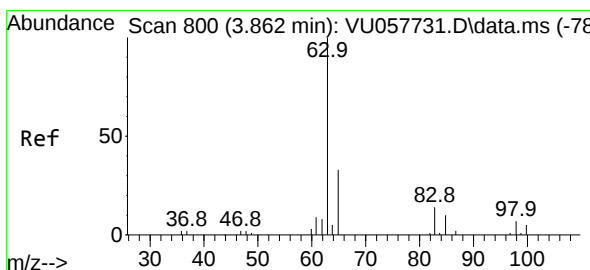
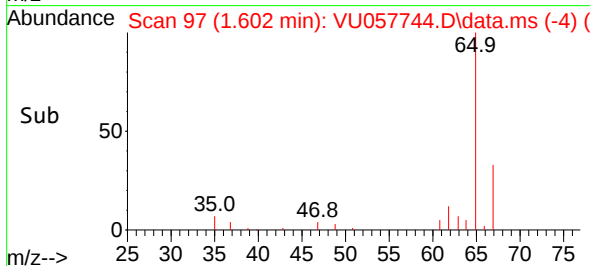
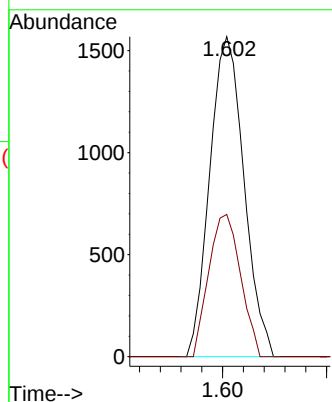
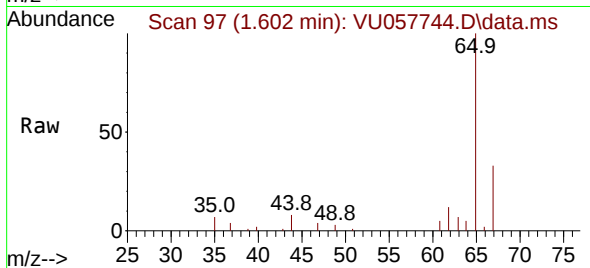
C0FC4

Tgt Ion: 62 Resp: 1793

Ion Ratio Lower Upper

62 100

64 44.5 22.8 42.4#



#19

1,1-Dichloroethane

Concen: 0.478 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057744.D

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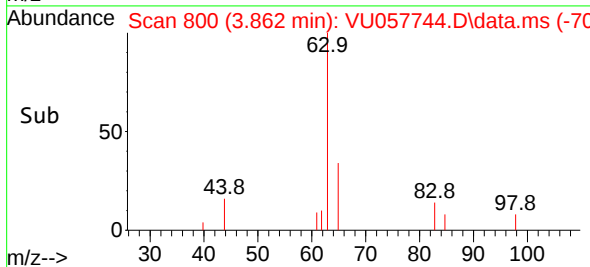
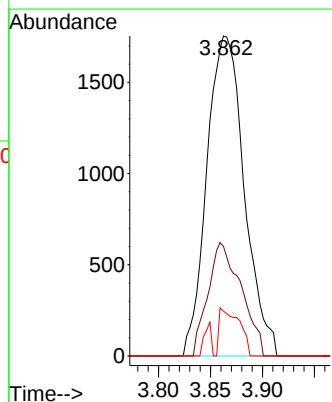
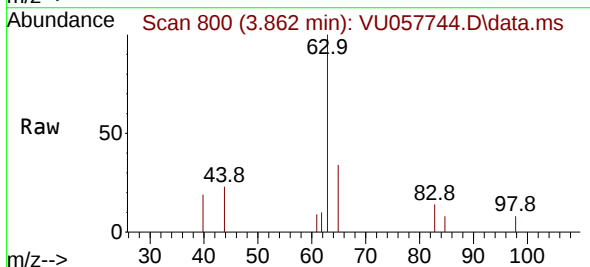
Tgt Ion: 63 Resp: 4387

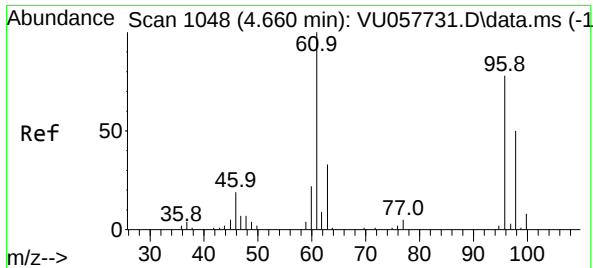
Ion Ratio Lower Upper

63 100

65 34.3 23.0 42.8

83 14.0 9.7 17.9

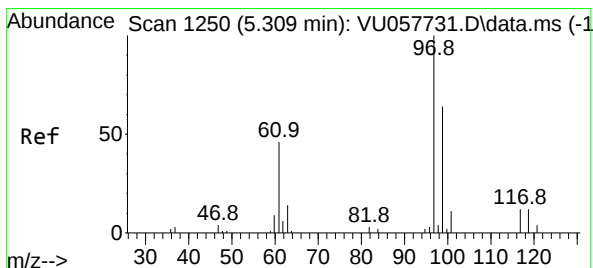
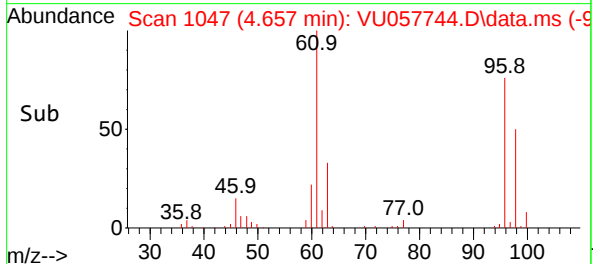
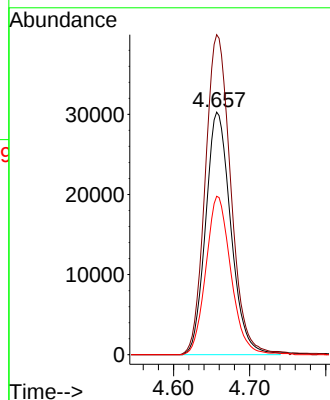
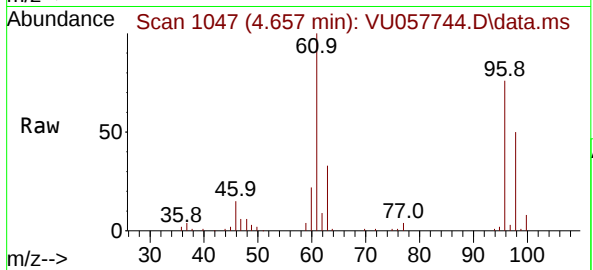




#22
 cis-1,2-Dichloroethene
 Concen: 13.072 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU057744.D
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Tgt Ion: 96 Resp: 69800
 Ion Ratio Lower Upper
 96 100
 61 131.9 92.7 172.1
 98 65.3 44.9 83.5



#29
 1,1,1-Trichloroethane
 Concen: 0.375 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.000 min
 Lab File: VU057744.D
 Acq: 30 Jan 2024 15:23

Tgt Ion: 97 Resp: 3186
 Ion Ratio Lower Upper
 97 100
 99 53.6 52.0 78.0
 61 44.2 35.3 52.9

