

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057343.D
 Acq On : 28 Dec 2023 19:10
 Operator : MD/SY
 Sample : 06021-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Y6DL

Quant Time: Dec 28 21:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

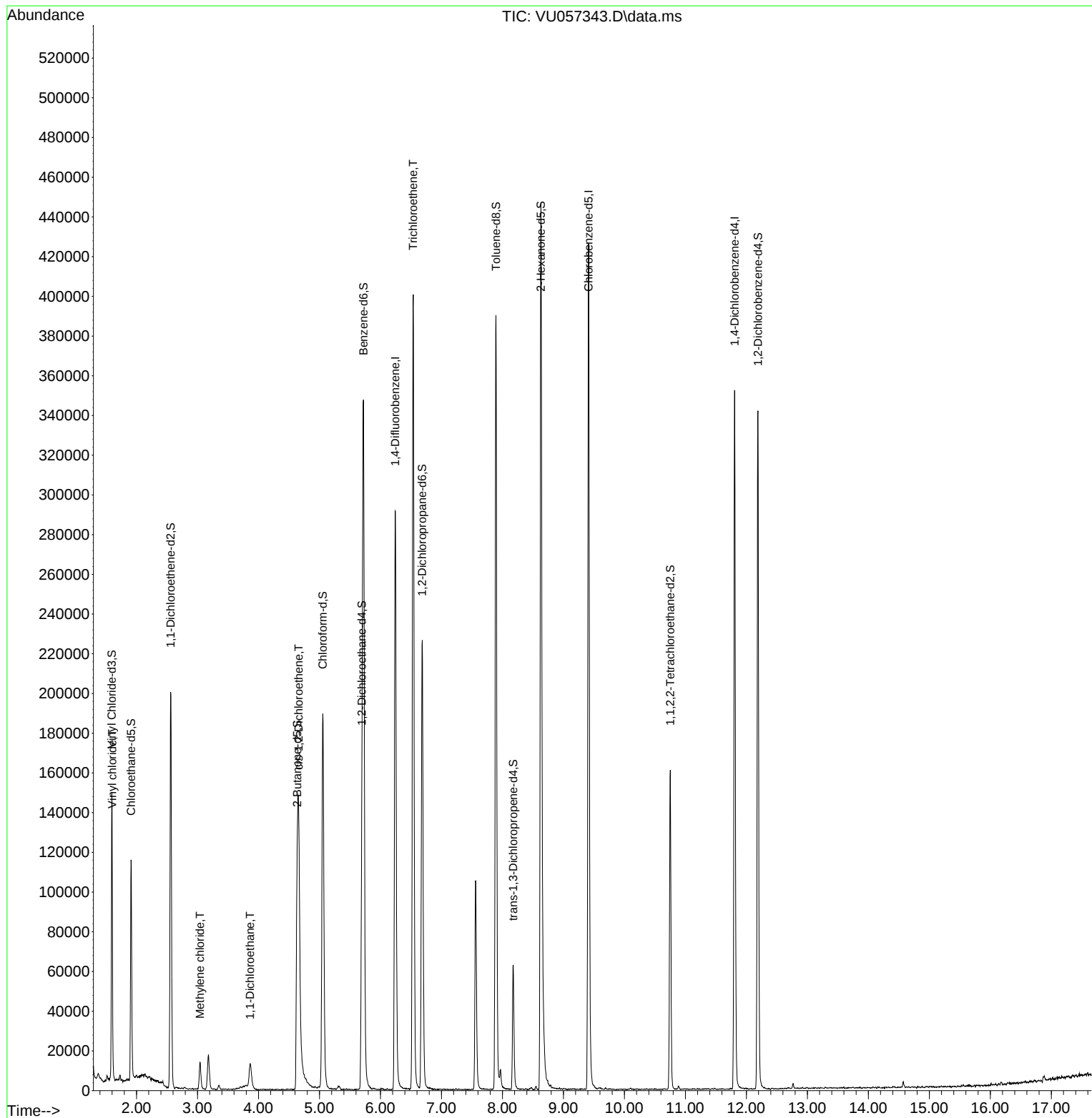
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	235602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	94413	4.661	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	85807	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.560	65	38929	4.829	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.634	46	209103	45.582	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.160%
24) Chloroform-d	5.055	84	181124	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	91381	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	330153	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.685	67	113174	5.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.894	98	258986	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	37429	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.631	63	152667	39.608	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80279	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	86942	5.239	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	12920	0.657	ug/L	91
16) Methylene chloride	3.039	84	7045	0.354	ug/L	92
19) 1,1-Dichloroethane	3.862	63	14438	0.450	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	40804	2.310	ug/L	93
34) Trichloroethene	6.537	95	145581	7.987	ug/L	97

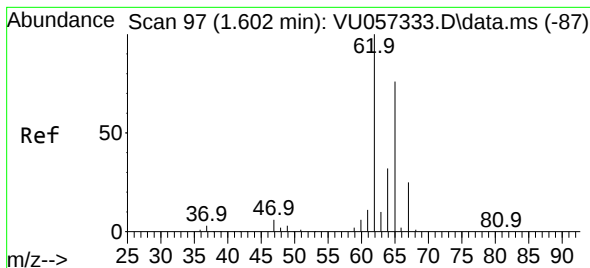
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.657 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

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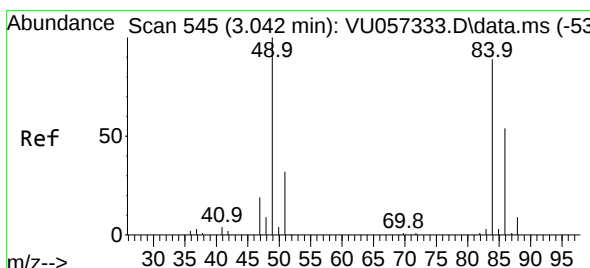
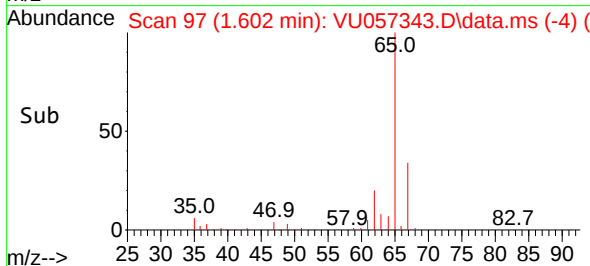
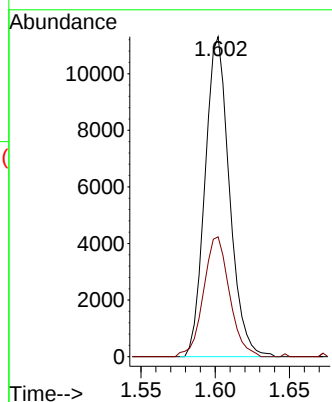
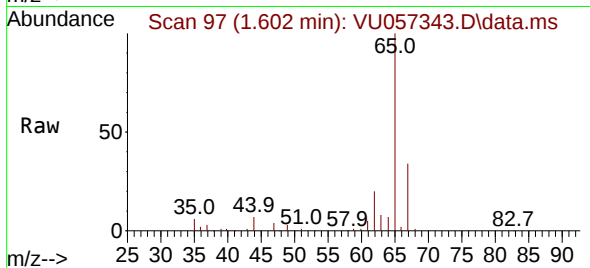
BH7Y6DL

Tgt Ion: 62 Resp: 12920

Ion Ratio Lower Upper

62 100

64 37.5 22.8 42.4



#16

Methylene chloride

Concen: 0.354 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU057343.D

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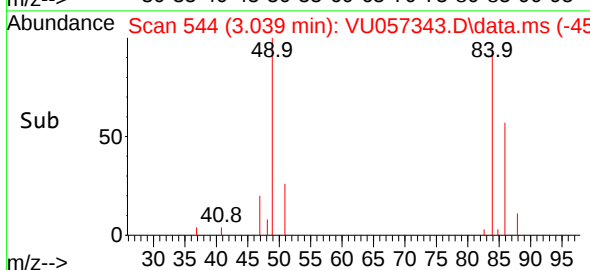
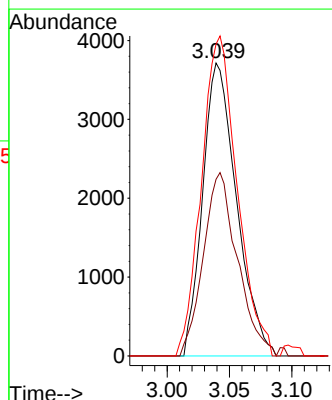
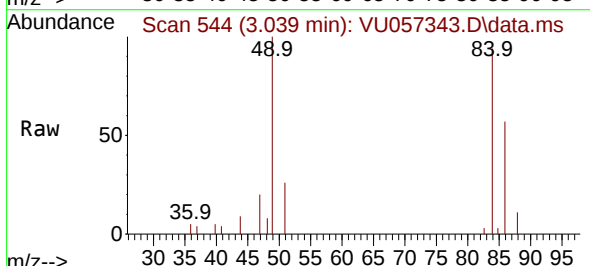
Tgt Ion: 84 Resp: 7045

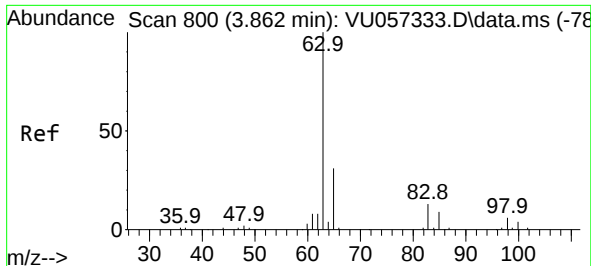
Ion Ratio Lower Upper

84 100

86 60.3 43.8 81.3

49 106.5 83.2 154.4





#19

1,1-Dichloroethane

Concen: 0.450 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

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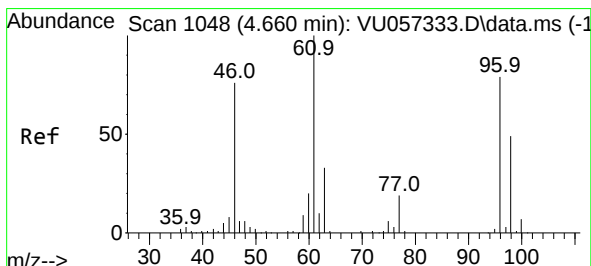
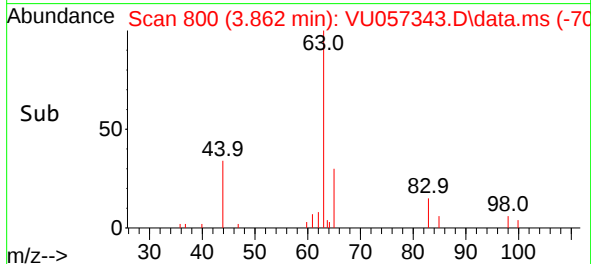
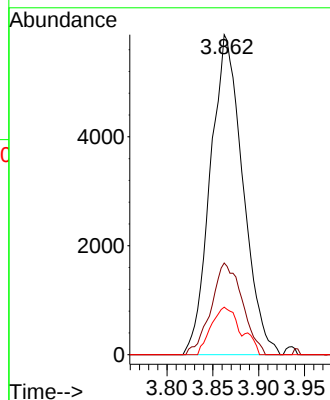
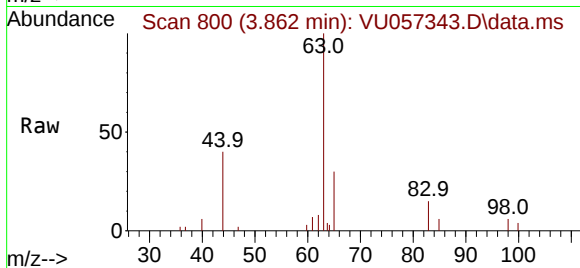
Tgt Ion: 63 Resp: 14438

Ion Ratio Lower Upper

63 100

65 28.7 23.6 43.8

83 14.9 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 2.310 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU057343.D

Acq: 28 Dec 2023 19:10

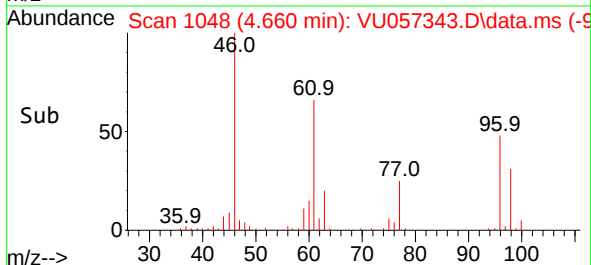
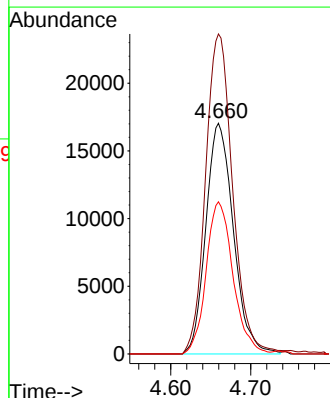
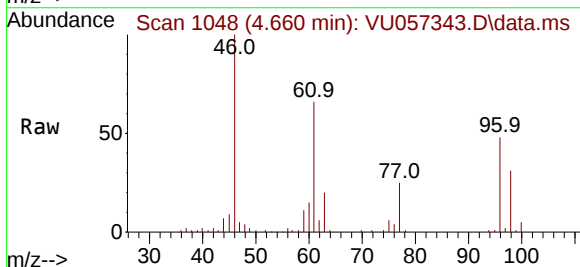
Tgt Ion: 96 Resp: 40804

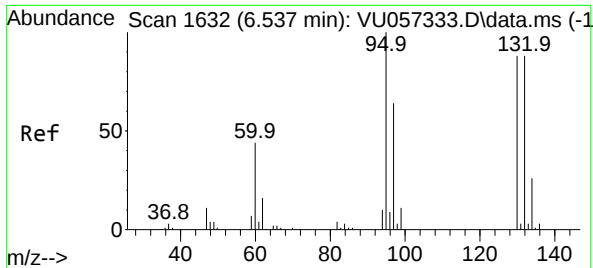
Ion Ratio Lower Upper

96 100

61 138.7 91.1 169.3

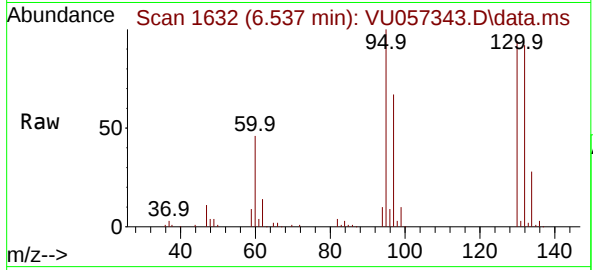
98 66.0 42.6 79.0





#34
 Trichloroethene
 Concen: 7.987 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 145581

Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.3	84.1
132	92.2	63.1	117.3
130	94.4	67.7	125.7

