

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058572.D
 Acq On : 10 Apr 2024 20:03
 Operator : MD/SY
 Sample : P2013-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOMB6

Quant Time: Apr 11 01:34:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

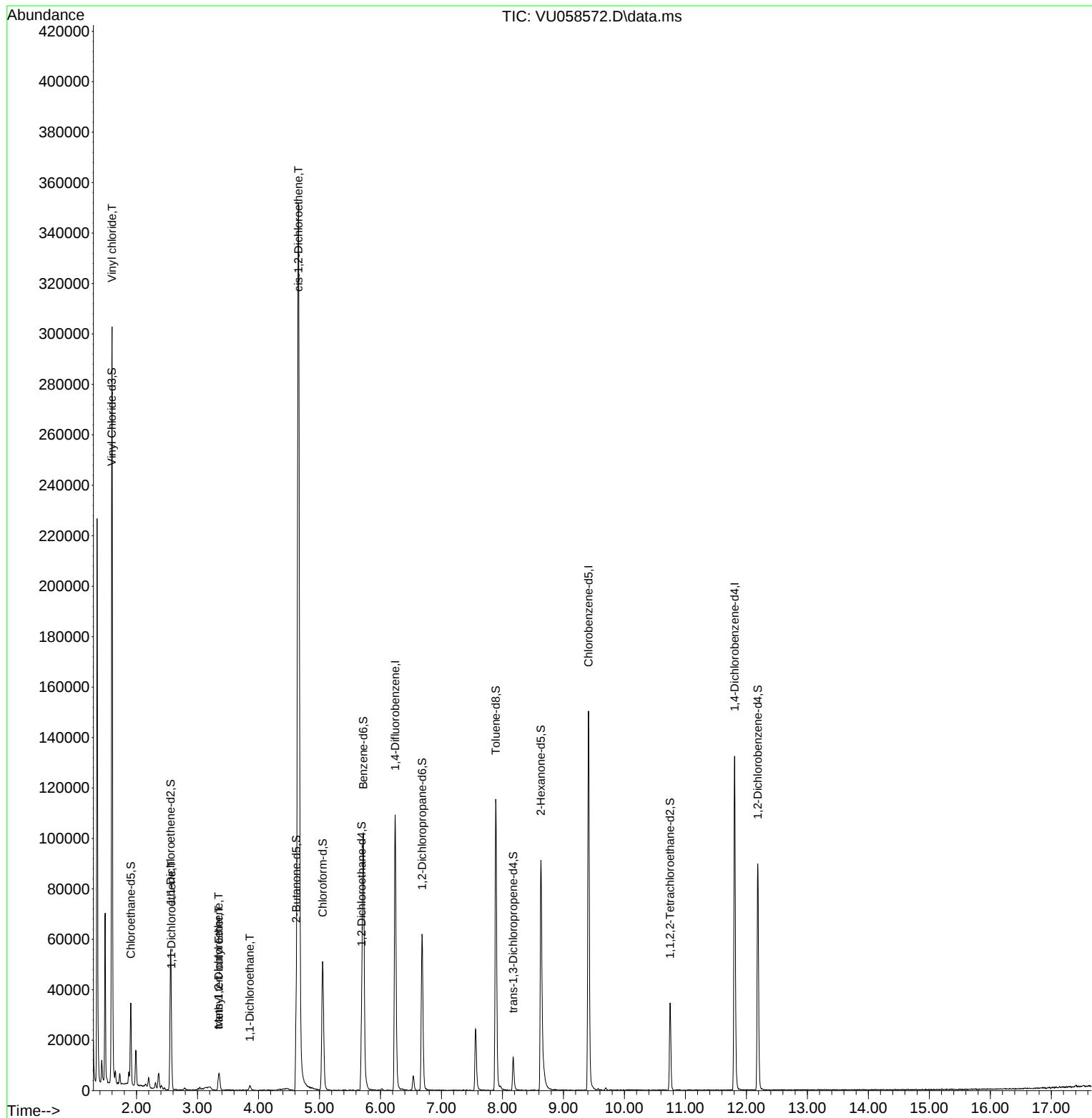
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83528	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	80567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24738	4.473	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.907	69	21462	4.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.560	65	10569	4.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.621	46	47545	40.797	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.600%
24) Chloroform-d	5.052	84	46898	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.692	65	23214	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.718	84	93577	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.682	67	30894	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	77535	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	8327	3.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.631	63	32588	37.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18195	3.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	22695	3.879	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	174002	20.448	ug/L	99
12) 1,1-Dichloroethene	2.573	96	1100	0.186	ug/L #	1
17) Methyl tert-butyl Ether	3.351	73	4131	0.295	ug/L #	88
18) trans-1,2-Dichloroethene	3.348	96	1101	0.177	ug/L	77
19) 1,1-Dichloroethane	3.859	63	2799	0.207	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	172534	24.764	ug/L	97

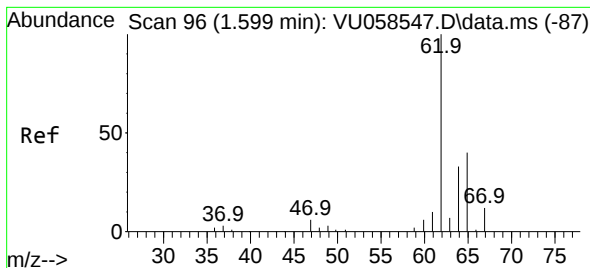
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 20.448 ug/L

RT: 1.599 min Scan# 9

Delta R.T. 0.000 min

Lab File: VU058572.D

Acq: 10 Apr 2024 20:03

Instrument :

MSVOA_U

ClientSampleId :

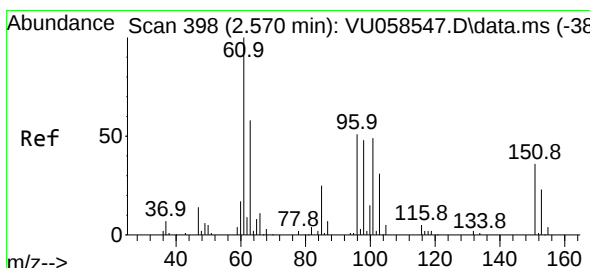
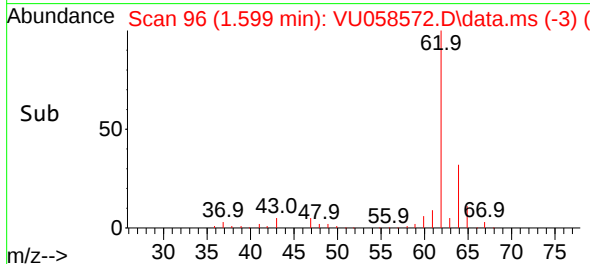
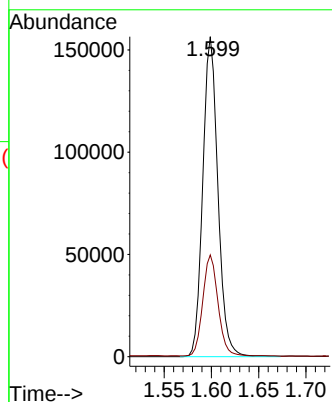
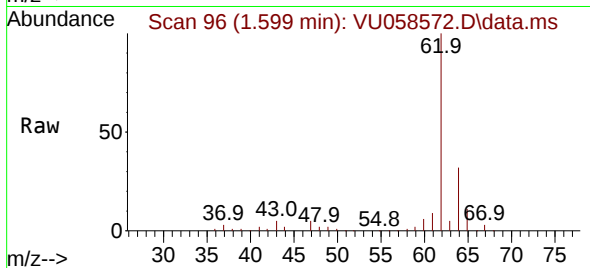
EOMB6

Tgt Ion: 62 Resp: 174002

Ion Ratio Lower Upper

62 100

64 31.8 22.6 42.0



#12

1,1-Dichloroethene

Concen: 0.186 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU058572.D

Acq: 10 Apr 2024 20:03

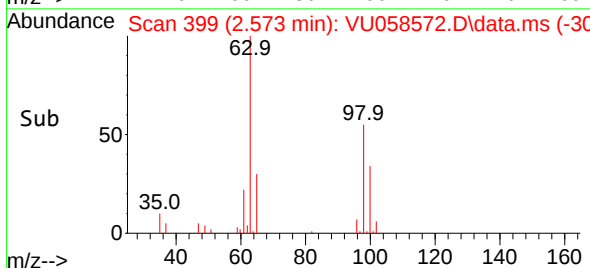
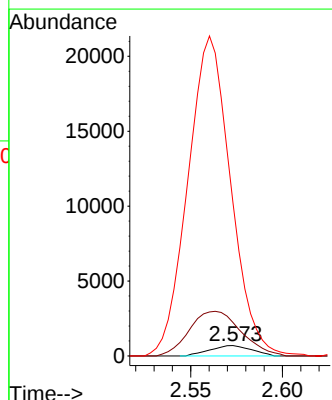
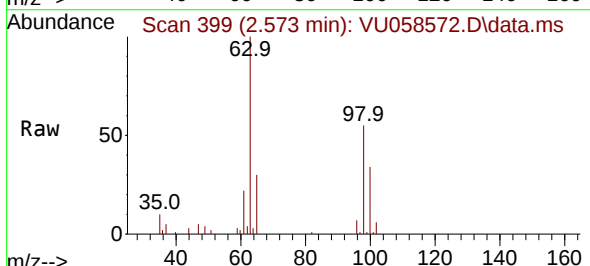
Tgt Ion: 96 Resp: 1100

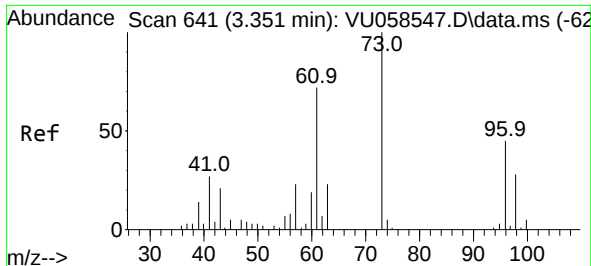
Ion Ratio Lower Upper

96 100

61 321.2 132.5 246.1#

63 1469.4 87.7 162.9#





#17

Methyl tert-butyl Ether

Concen: 0.295 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU058572.D

Acq: 10 Apr 2024 20:03

Instrument :

MSVOA_U

ClientSampleId :

EOMB6

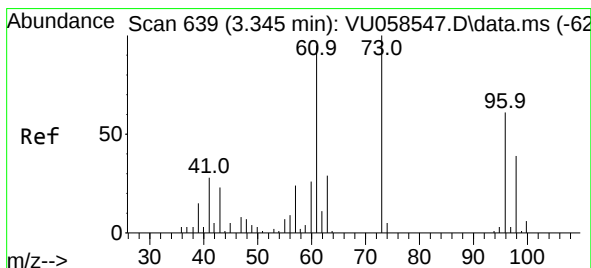
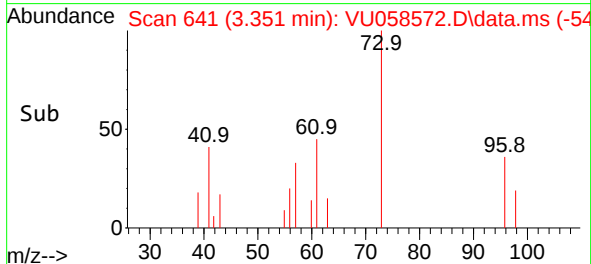
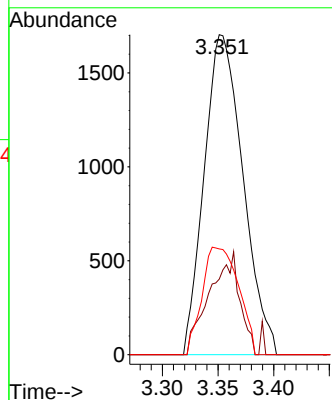
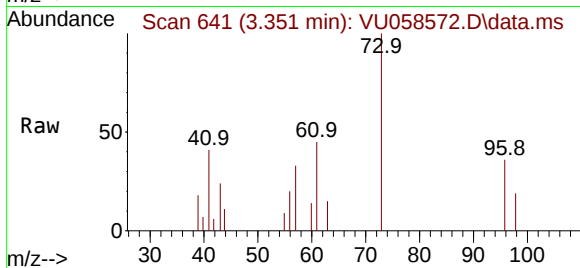
Tgt Ion: 73 Resp: 4131

Ion Ratio Lower Upper

73 100

43 25.1 17.4 26.2

57 31.5 18.6 27.8#



#18

trans-1,2-Dichloroethene

Concen: 0.177 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU058572.D

Acq: 10 Apr 2024 20:03

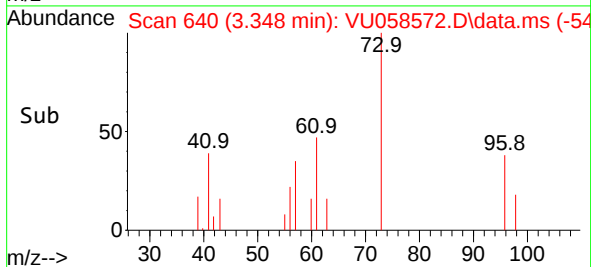
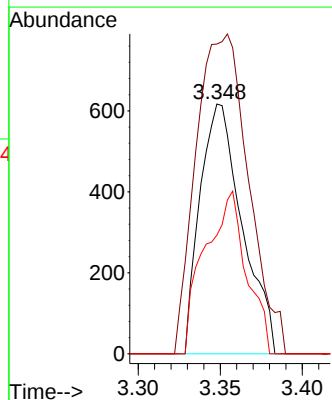
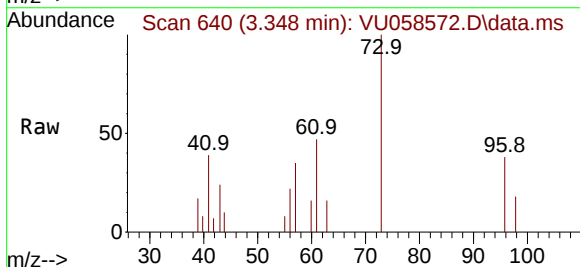
Tgt Ion: 96 Resp: 1101

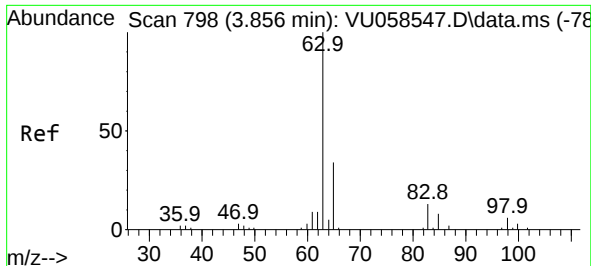
Ion Ratio Lower Upper

96 100

61 124.0 107.6 199.8

98 47.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.207 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU058572.D

Acq: 10 Apr 2024 20:03

Instrument :

MSVOA_U

ClientSampleId :

EOMB6

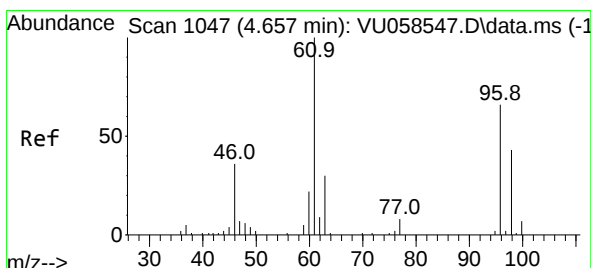
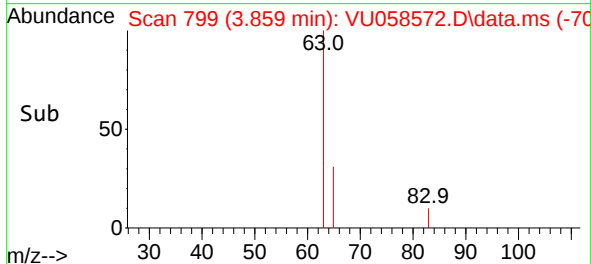
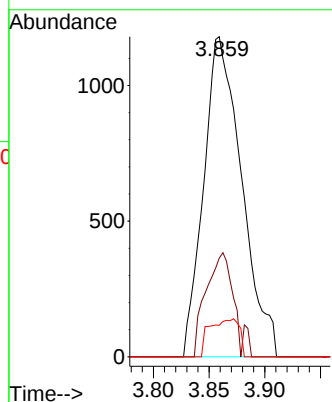
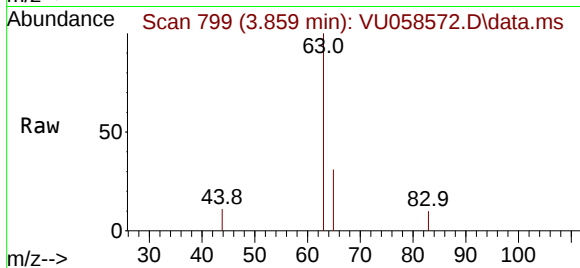
Tgt Ion: 63 Resp: 2799

Ion Ratio Lower Upper

63 100

65 30.8 22.9 42.5

83 9.8 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 24.764 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU058572.D

Acq: 10 Apr 2024 20:03

Tgt Ion: 96 Resp: 172534

Ion Ratio Lower Upper

96 100

61 144.8 98.1 182.3

98 64.0 43.6 81.0

