

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058602.D
 Acq On : 11 Apr 2024 12:29
 Operator : MD/SY
 Sample : P1970-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ6

Quant Time: Apr 12 02:26:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

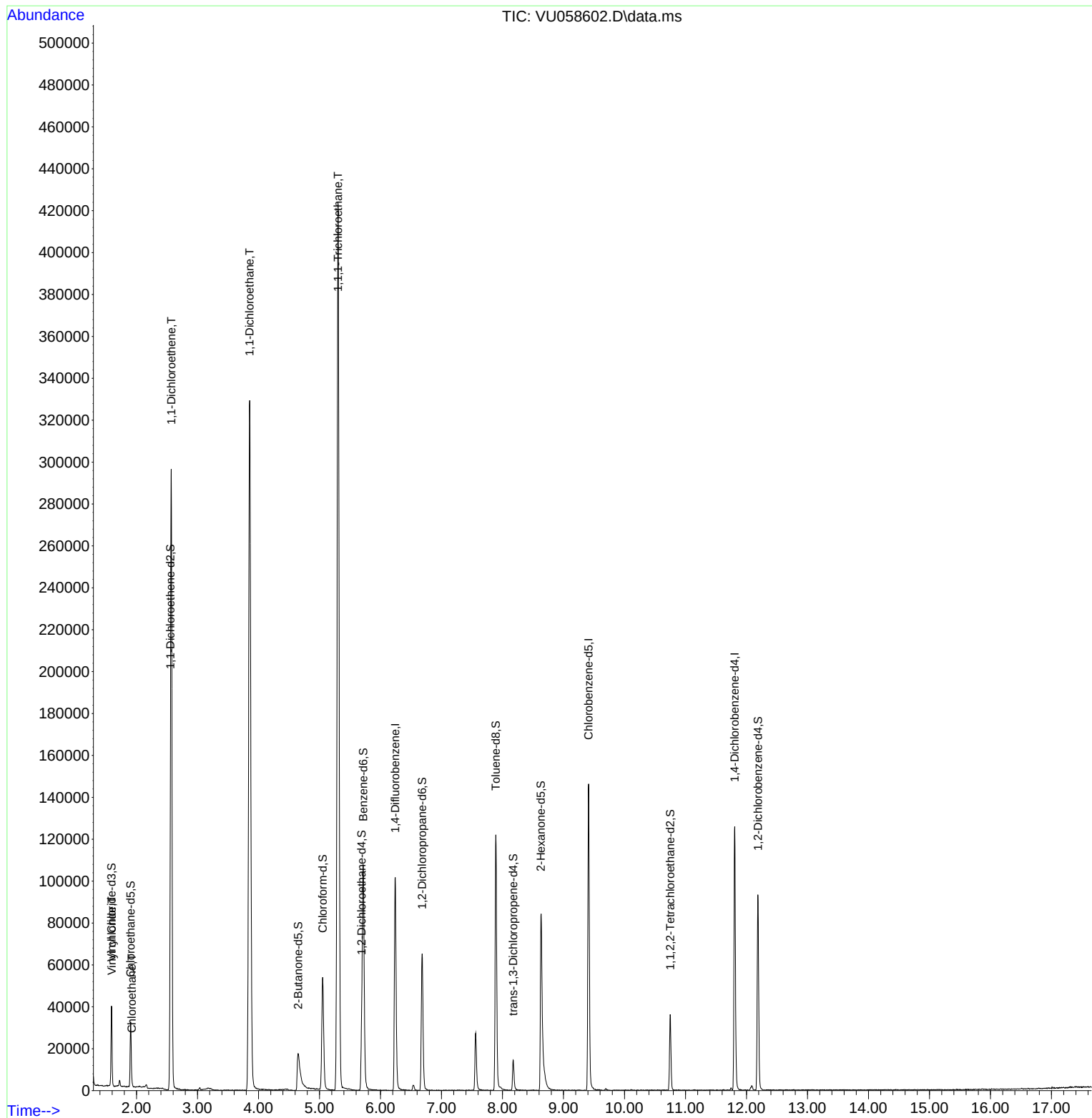
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78476	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	23436	4.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.904	69	20796	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.557	65	11714	4.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.650	46	39057	35.671	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.340%
24) Chloroform-d	5.052	84	49666	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.692	65	23854	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.717	84	96888	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	31189	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	81070	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.174	79	8589	4.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.631	63	32155	38.823	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18301	4.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	23806	4.343	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
5) Vinyl chloride	1.595	62	2780	0.348	ug/L #	78
8) Chloroethane	1.923	64	1060	0.210	ug/L	92
12) 1,1-Dichloroethene	2.570	96	83878	15.082	ug/L #	84
19) 1,1-Dichloroethane	3.856	63	387912	30.490	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	293099	28.532	ug/L	97

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

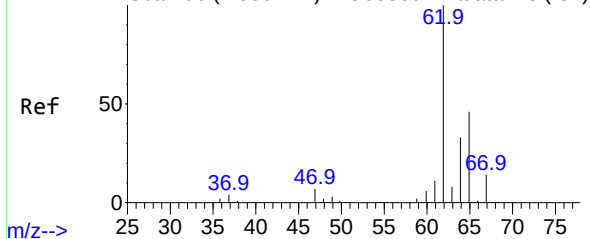
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
Data File : VU058602.D
Acq On : 11 Apr 2024 12:29
Operator : MD/SY
Sample : P1970-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ6

Quant Time: Apr 12 02:26:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 12 02:25:12 2024
Response via : Initial Calibration



Abundance Scan 96 (1.599 min): VU058597.D\data.ms (-87)



#5

Vinyl chloride

Concen: 0.348 ug/L

RT: 1.595 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU058602.D

Acq: 11 Apr 2024 12:29

Instrument :

MSVOA_U

ClientSampleId :

C0AJ6

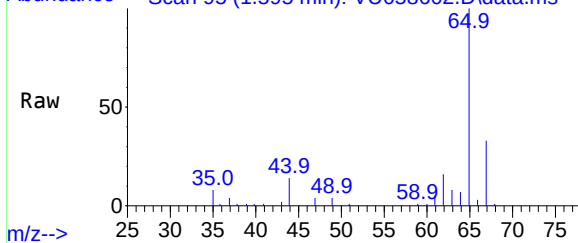
Tgt Ion: 62 Resp: 2780

Ion Ratio Lower Upper

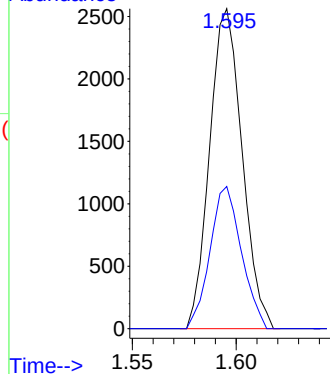
62 100

64 44.4 22.6 42.0#

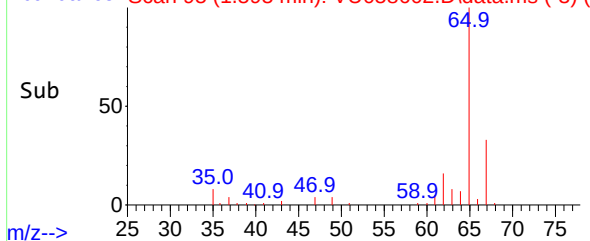
Abundance Scan 95 (1.595 min): VU058602.D\data.ms



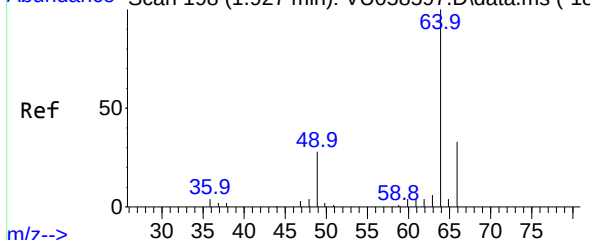
Abundance



Abundance Scan 95 (1.595 min): VU058602.D\data.ms (-3)



Abundance Scan 198 (1.927 min): VU058597.D\data.ms (-18)



#8

Chloroethane

Concen: 0.210 ug/L

RT: 1.923 min Scan# 197

Delta R.T. -0.003 min

Lab File: VU058602.D

Acq: 11 Apr 2024 12:29

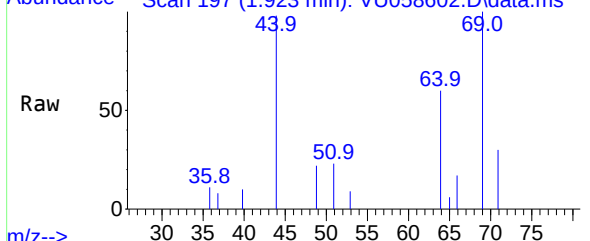
Tgt Ion: 64 Resp: 1060

Ion Ratio Lower Upper

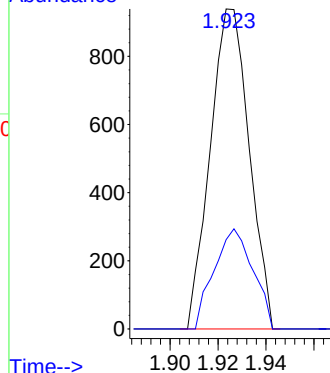
64 100

66 27.9 22.5 41.9

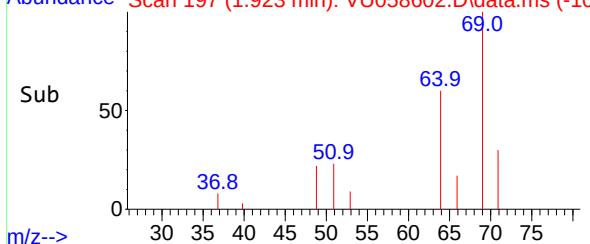
Abundance Scan 197 (1.923 min): VU058602.D\data.ms

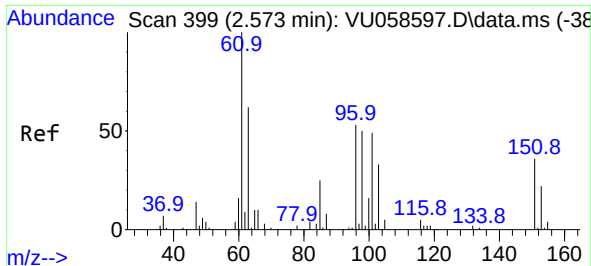


Abundance



Abundance Scan 197 (1.923 min): VU058602.D\data.ms (-10)





#12

1,1-Dichloroethene

Concen: 15.082 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058602.D

Acq: 11 Apr 2024 12:29

Instrument :

MSVOA_U

ClientSampleId :

C0AJ6

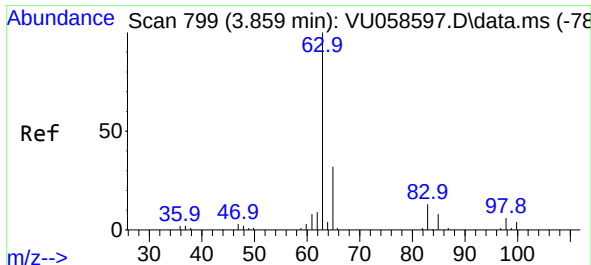
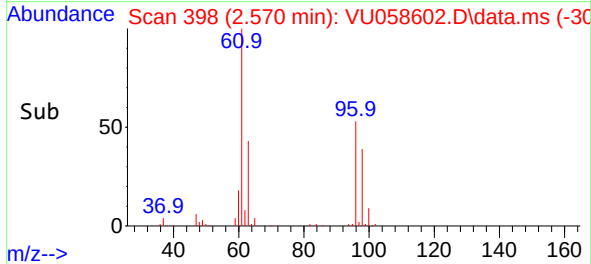
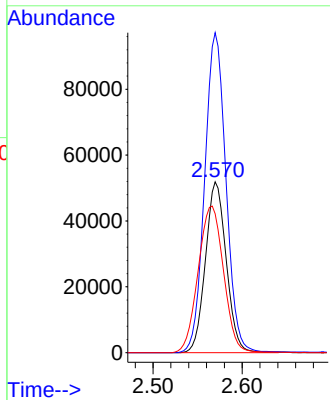
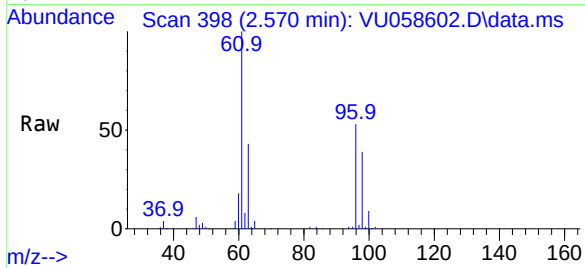
Tgt Ion: 96 Resp: 83878

Ion Ratio Lower Upper

96 100

61 187.2 132.5 246.1

63 81.3 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 30.490 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU058602.D

Acq: 11 Apr 2024 12:29

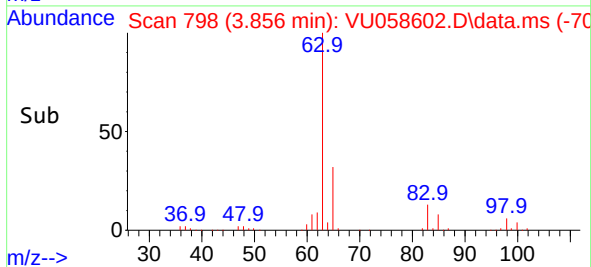
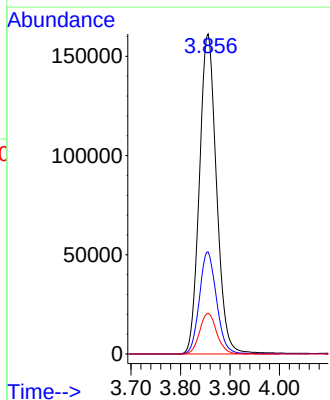
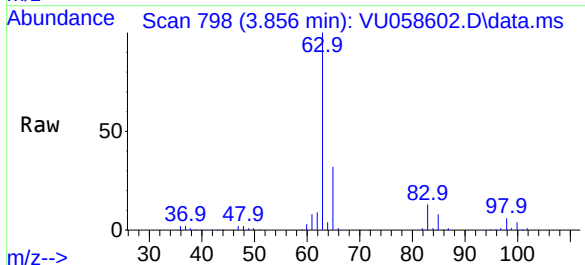
Tgt Ion: 63 Resp: 387912

Ion Ratio Lower Upper

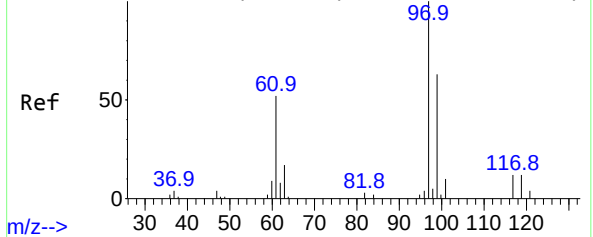
63 100

65 31.9 22.9 42.5

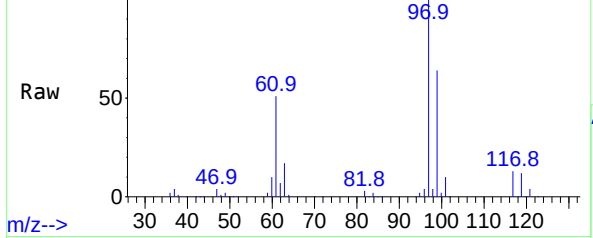
83 12.7 9.6 17.8



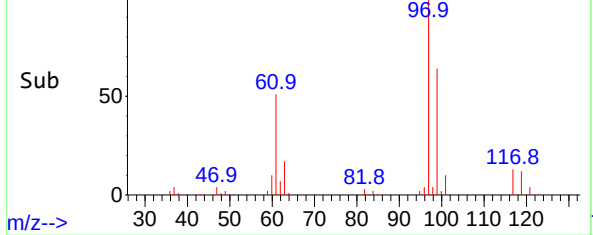
Abundance Scan 1249 (5.306 min): VU058597.D\data.ms (-1



Abundance Scan 1248 (5.303 min): VU058602.D\data.ms



Abundance Scan 1248 (5.303 min): VU058602.D\data.ms (-1



#29

1,1,1-Trichloroethane

Concen: 28.532 ug/L

RT: 5.303 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU058602.D

Acq: 11 Apr 2024 12:29

Instrument :

MSVOA_U

ClientSampleId :

C0AJ6

Tgt Ion: 97 Resp: 293099

Ion Ratio Lower Upper

97 100

99 64.6 50.4 75.6

61 51.6 39.4 59.0

Abundance

