

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051256.D
 Acq On : 08 Oct 2022 07:21
 Operator : JC/MD
 Sample : N4899-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H63

Quant Time: Oct 08 23:48:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

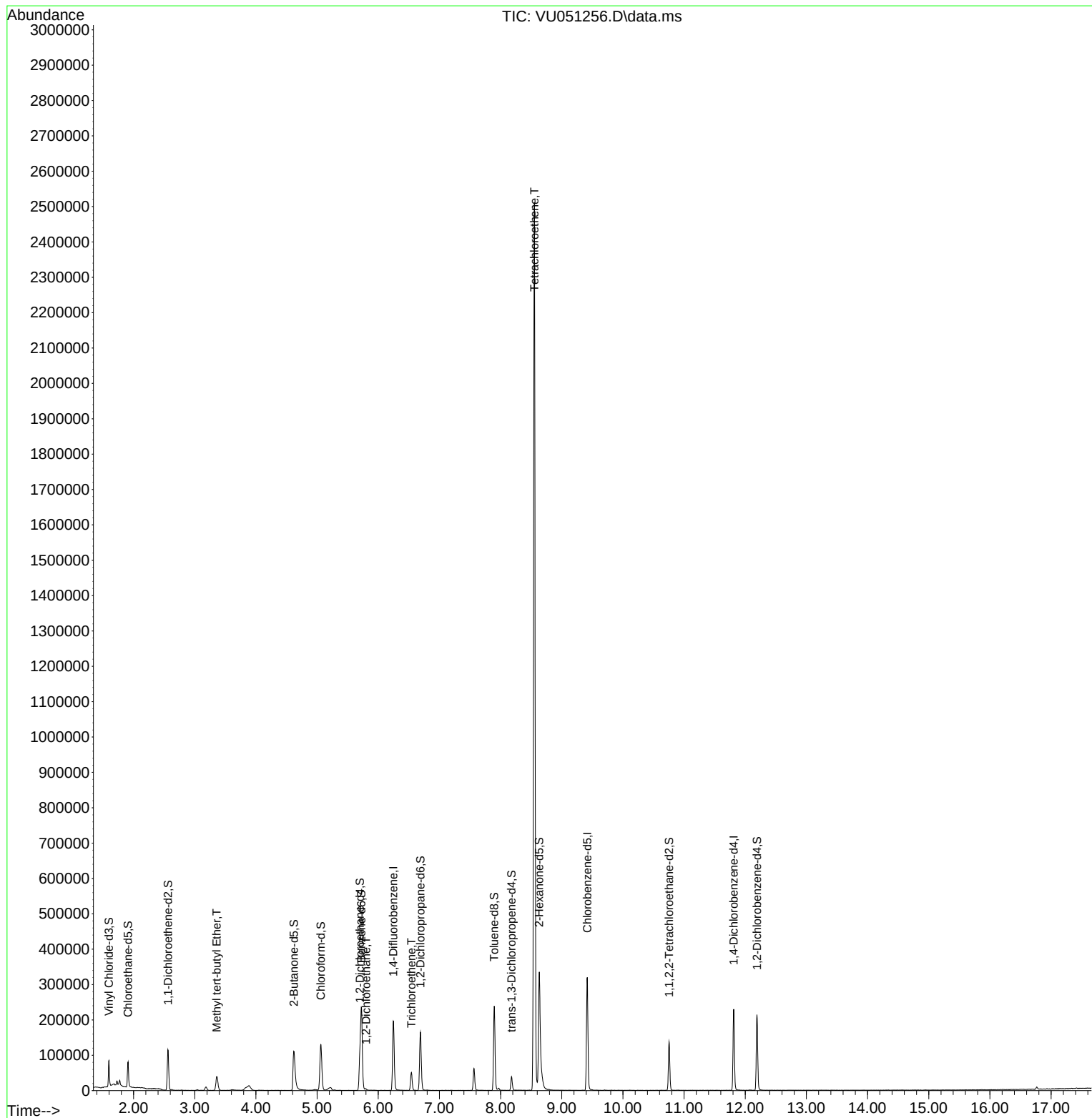
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	156205	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	180511	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55767	4.426	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.909	69	54062	4.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.562	65	21878	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.620	46	153600	55.368	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.740%
24) Chloroform-d	5.060	84	124596	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.700	65	67325	5.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.726	84	216282	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.690	67	79764	4.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.896	98	163820	3.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.179	79	22100	3.989	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.632	63	92266	49.409	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.820%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	69999	5.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	55588	5.140	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
17) Methyl tert-butyl Ether	3.359	73	38746	1.485	ug/L	98
27) 1,2-Dichloroethane	5.800	62	3119	0.202	ug/L	98
34) Trichloroethene	6.542	95	17400	1.157	ug/L	96
47) Tetrachloroethene	8.552	164	539332	48.794	ug/L	98

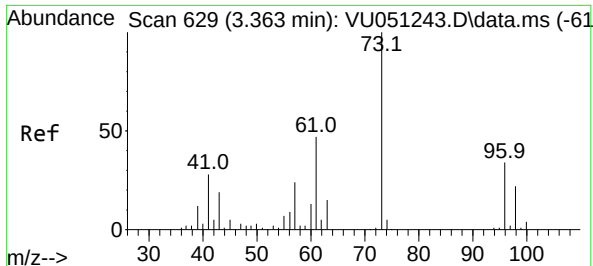
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 1.485 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

F5H63

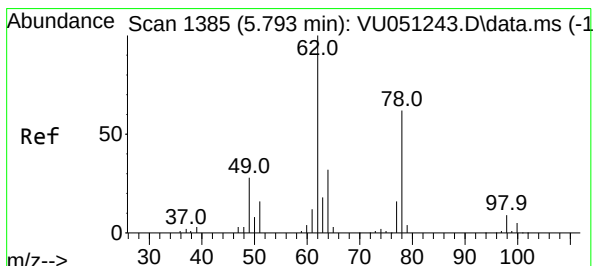
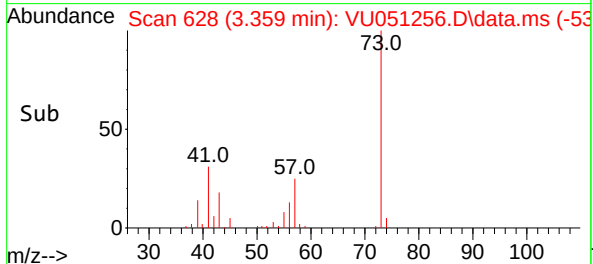
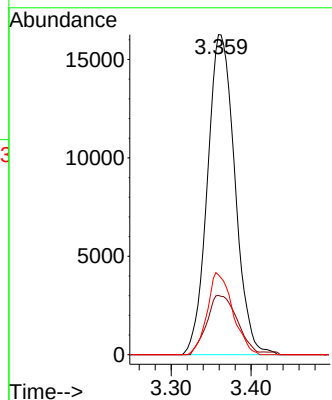
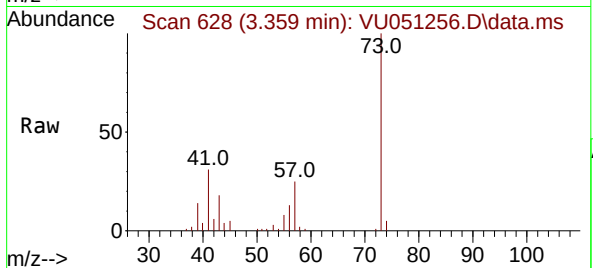
Tgt Ion: 73 Resp: 38746

Ion Ratio Lower Upper

73 100

43 20.6 15.4 23.0

57 23.8 18.9 28.3



#27

1,2-Dichloroethane

Concen: 0.202 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU051256.D

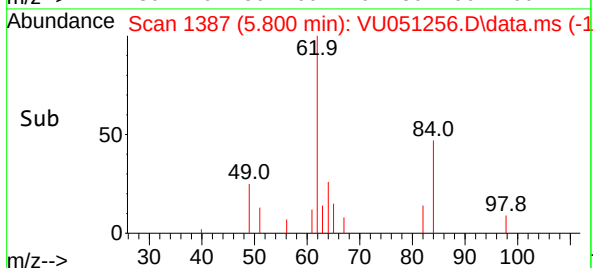
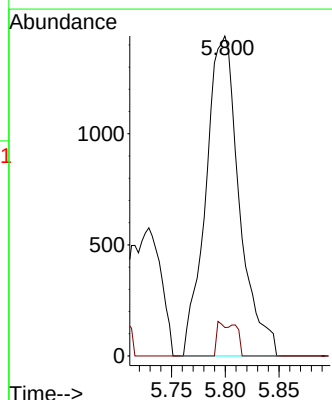
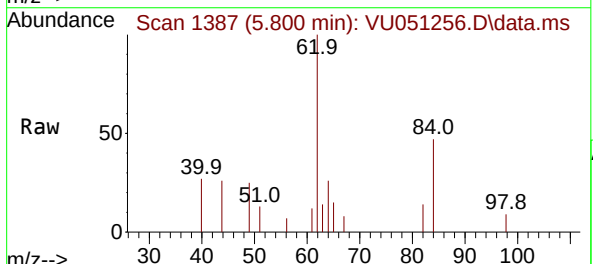
Acq: 08 Oct 2022 07:21

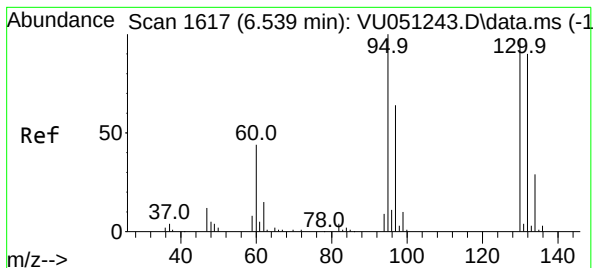
Tgt Ion: 62 Resp: 3119

Ion Ratio Lower Upper

62 100

98 8.9 7.7 11.5





#34

Trichloroethene

Concen: 1.157 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

F5H63

Tgt Ion: 95 Resp: 17400

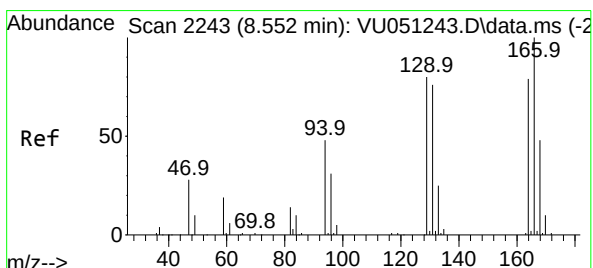
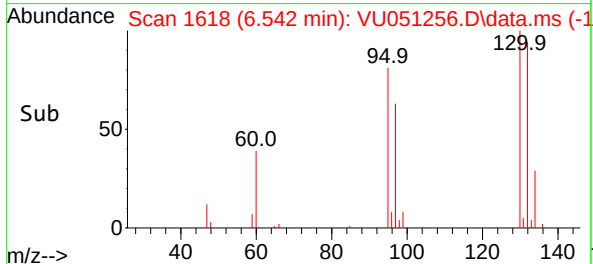
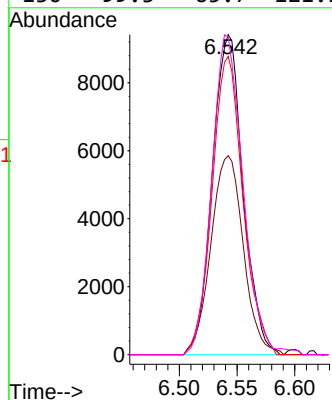
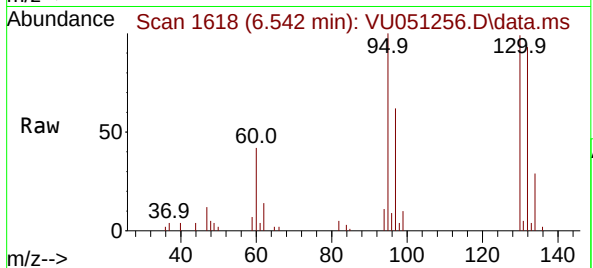
Ion Ratio Lower Upper

95 100

97 62.2 45.4 84.2

132 93.2 63.1 117.3

130 99.3 65.7 121.9



#47

Tetrachloroethene

Concen: 48.794 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

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Tgt Ion:164 Resp: 539332

Ion Ratio Lower Upper

164 100

129 100.8 71.3 132.3

131 97.7 66.9 124.3

166 126.6 90.9 168.7

