

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051257.D
 Acq On : 08 Oct 2022 07:46
 Operator : JC/MD
 Sample : N4899-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H68

Quant Time: Oct 08 23:48:36 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)

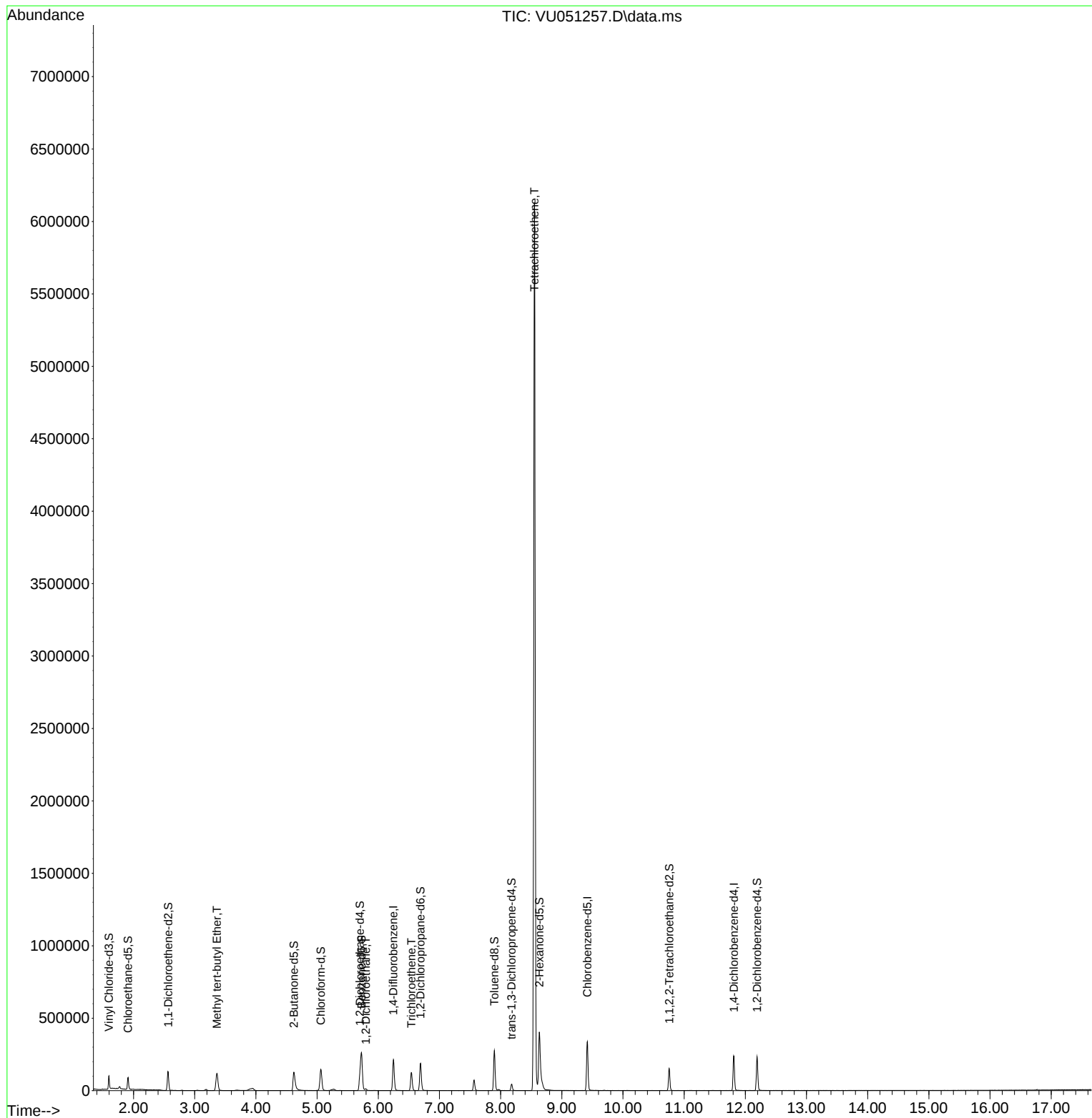
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	165505	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	188907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	63111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	64253	4.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.909	69	62225	5.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.565	65	25566	4.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.620	46	174279	59.293	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.580%
24) Chloroform-d	5.060	84	139227	5.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
26) 1,2-Dichloroethane-d4	5.700	65	74566	5.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
32) Benzene-d6	5.726	84	243531	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.691	67	90451	5.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.896	98	187695	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.179	79	25298	4.363	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.633	63	111096	56.848	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.700%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	77072	5.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	61676	5.623	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.363	73	116020	4.196	ug/L	99
27) 1,2-Dichloroethane	5.797	62	8481	0.517	ug/L	98
34) Trichloroethene	6.540	95	43882	2.789	ug/L	99
47) Tetrachloroethene	8.552	164	1293315	111.808	ug/L	98

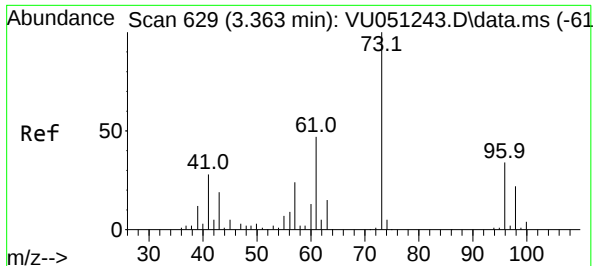
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 4.196 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

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F5H68

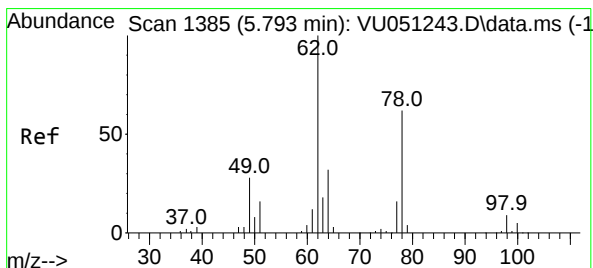
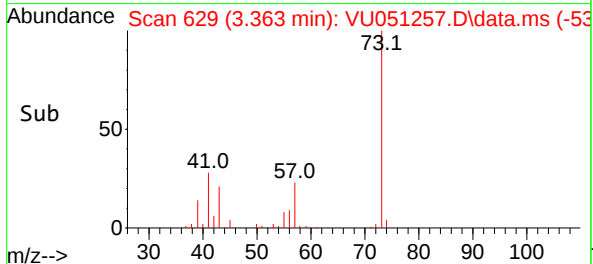
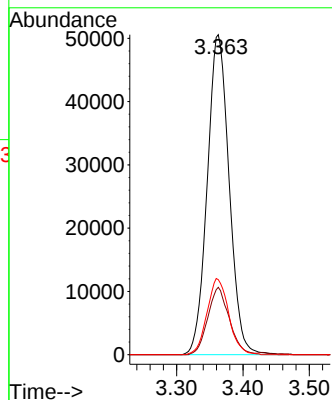
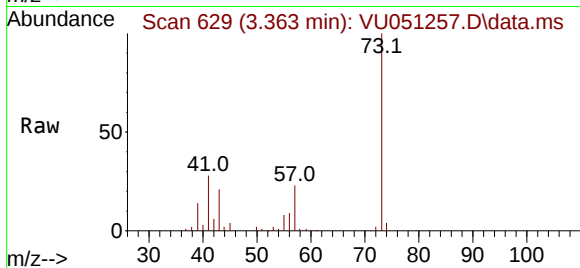
Tgt Ion: 73 Resp: 116020

Ion Ratio Lower Upper

73 100

43 20.6 15.4 23.0

57 23.5 18.9 28.3



#27

1,2-Dichloroethane

Concen: 0.517 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU051257.D

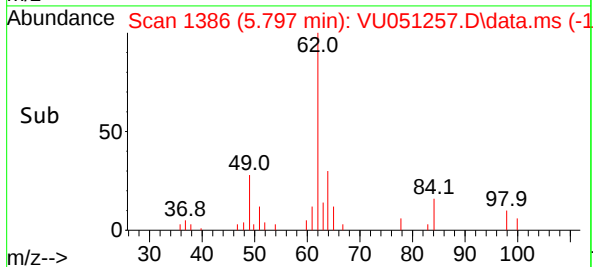
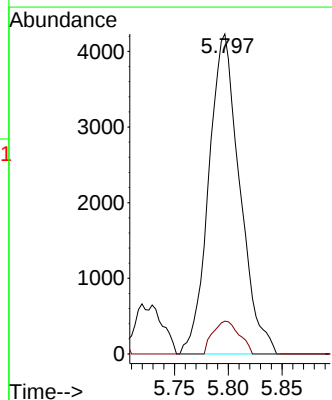
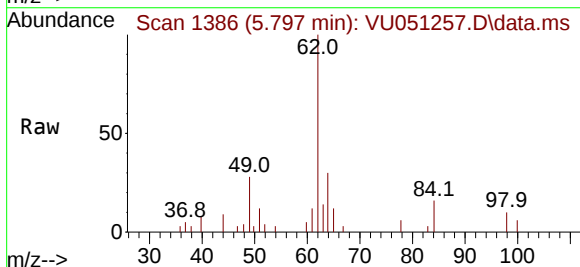
Acq: 08 Oct 2022 07:46

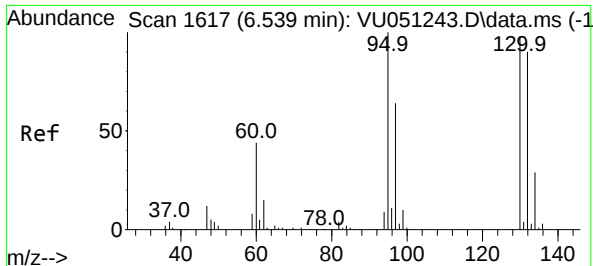
Tgt Ion: 62 Resp: 8481

Ion Ratio Lower Upper

62 100

98 10.3 7.7 11.5



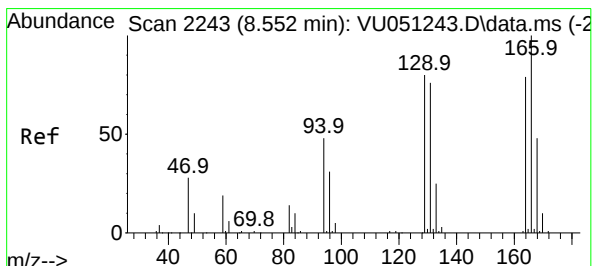
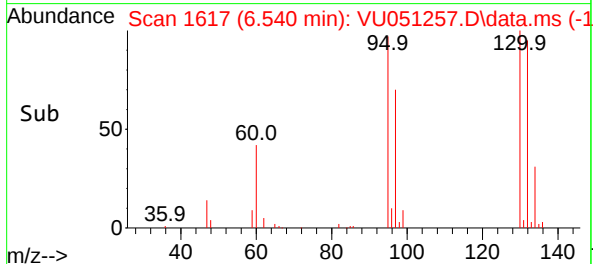
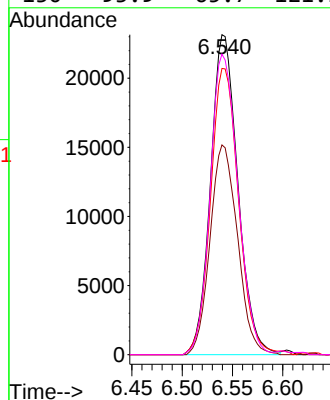
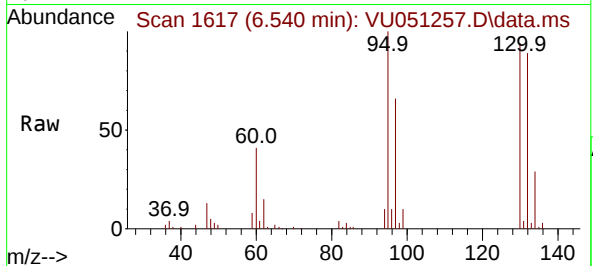


#34
Trichloroethene
Concen: 2.789 ug/L
RT: 6.540 min Scan# 1
Delta R.T. 0.000 min
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Tgt Ion: 95 Resp: 43882

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.4	84.2
132	89.4	63.1	117.3
130	93.9	65.7	121.9



#47
Tetrachloroethene
Concen: 111.808 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051257.D
Acq: 08 Oct 2022 07:46

Tgt Ion: 164 Resp: 1293315

Ion	Ratio	Lower	Upper
164	100		
129	102.5	71.3	132.3
131	98.3	66.9	124.3
166	127.5	90.9	168.7

