

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051265.D
 Acq On : 08 Oct 2022 11:04
 Operator : JC/MD
 Sample : N4931-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H51

Quant Time: Oct 08 23:49:30 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)

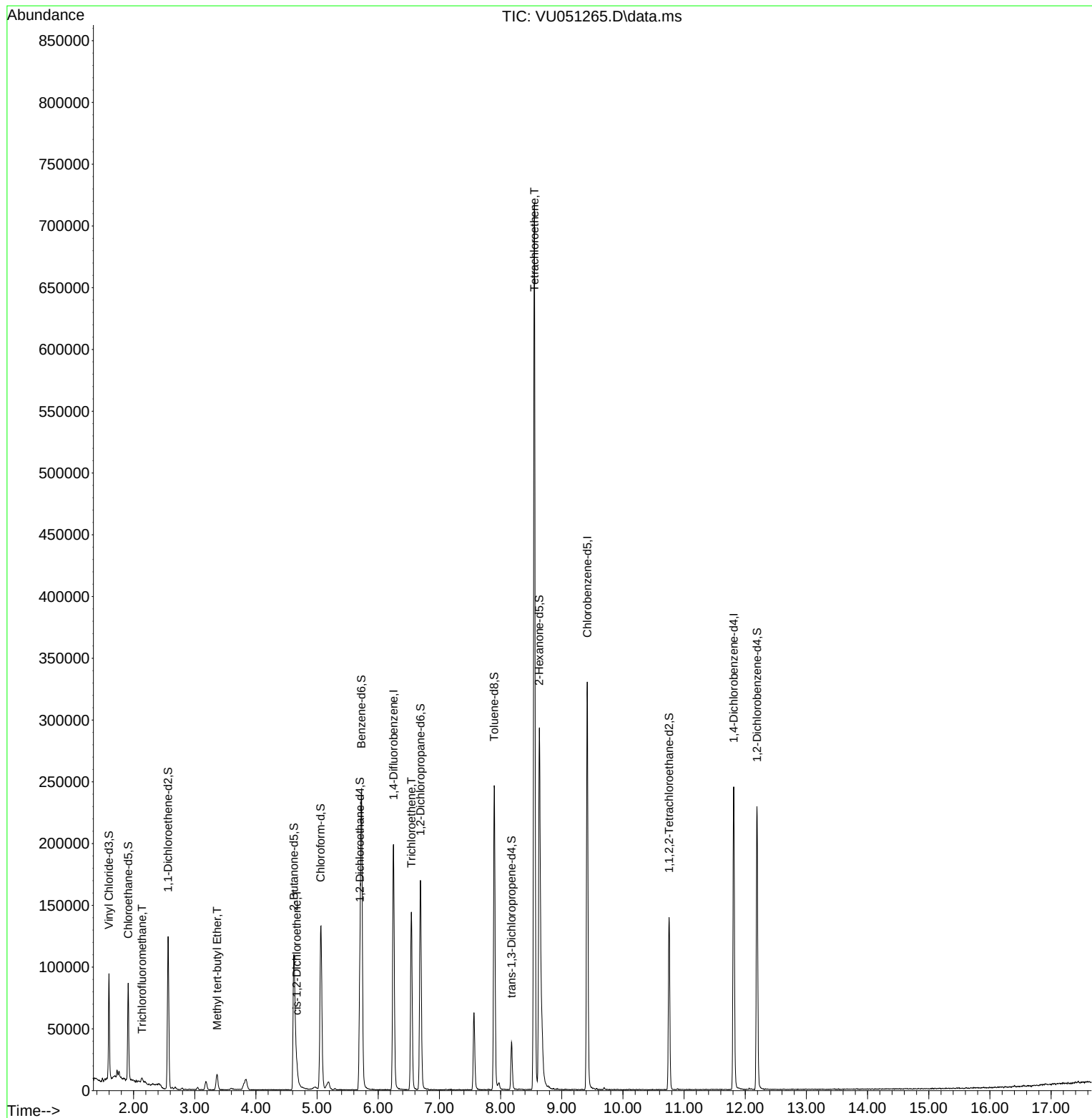
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	158793	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	184097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59003	4.606	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.912	69	56258	5.112	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.565	65	23424	4.626	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	4.620	46	154531	54.796	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.600%	
24) Chloroform-d	5.060	84	124751	5.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	5.700	65	65915	5.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.726	84	221704	4.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.690	67	84071	4.888	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.896	98	166767	3.681	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.600%	
43) trans-1,3-Dichloroprop...	8.179	79	22119	3.914	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.632	63	79548	41.768	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.540%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	71751	5.222	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	58866	5.108	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	2115	0.103	ug/L	87
17) Methyl tert-butyl Ether	3.366	73	10873	0.410	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	4393	0.326	ug/L	93
34) Trichloroethene	6.542	95	51108	3.333	ug/L	97
47) Tetrachloroethene	8.552	164	150810	13.378	ug/L	99

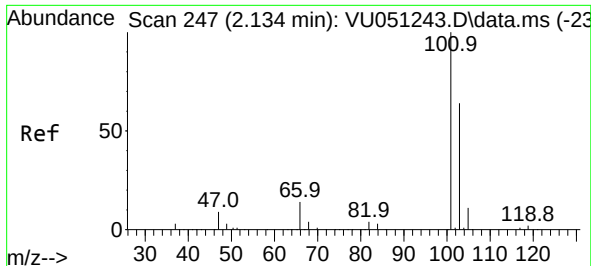
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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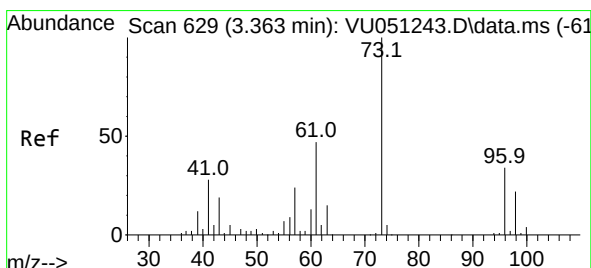
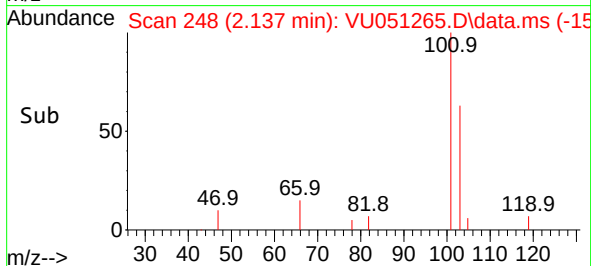
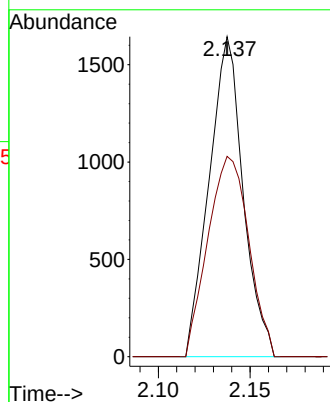
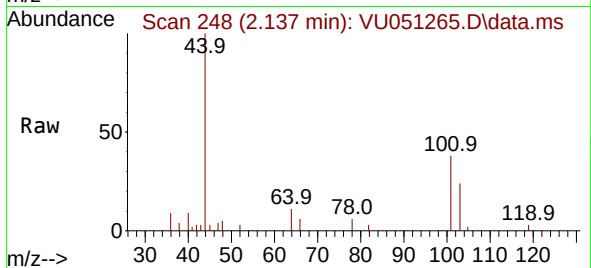




#9
 Trichlorofluoromethane
 Concen: 0.103 ug/L
 RT: 2.137 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VU051265.D
 Acq: 08 Oct 2022 11:04

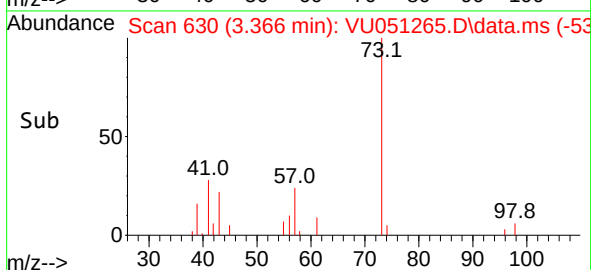
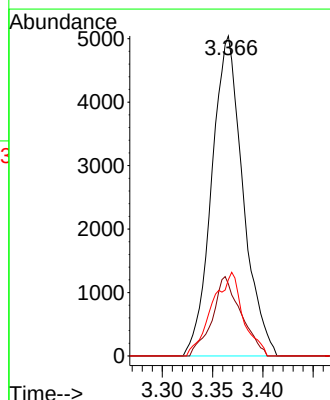
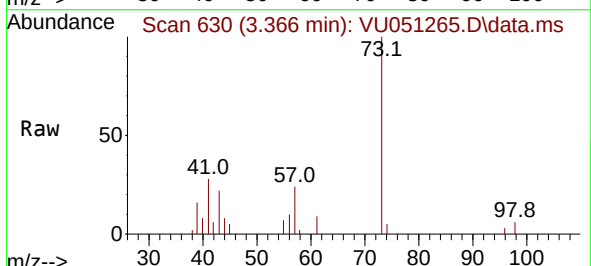
Instrument :
 MSVOA_U
 ClientSampleId :
 F5H51

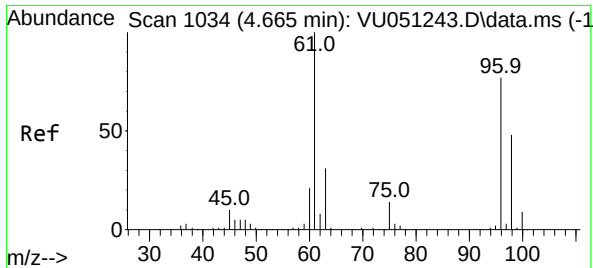
Tgt Ion:101 Resp: 2115
 Ion Ratio Lower Upper
 101 100
 103 75.4 52.2 78.2



#17
 Methyl tert-butyl Ether
 Concen: 0.410 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. 0.003 min
 Lab File: VU051265.D
 Acq: 08 Oct 2022 11:04

Tgt Ion: 73 Resp: 10873
 Ion Ratio Lower Upper
 73 100
 43 22.9 15.4 23.0
 57 26.1 18.9 28.3





#22

cis-1,2-Dichloroethene

Concen: 0.326 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051265.D

Acq: 08 Oct 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

F5H51

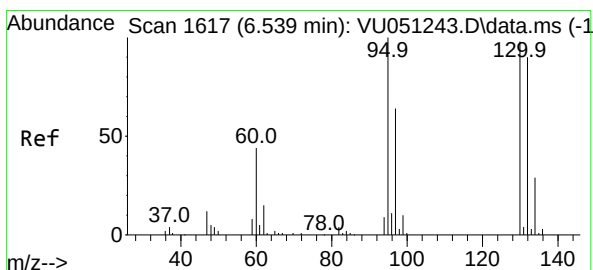
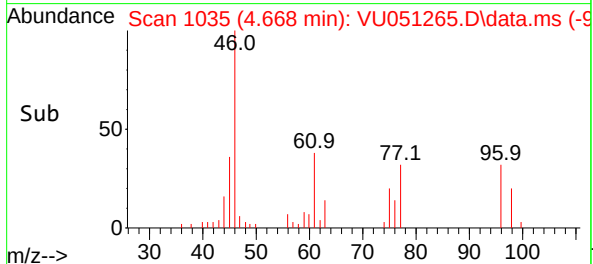
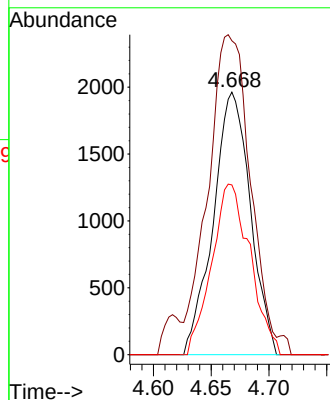
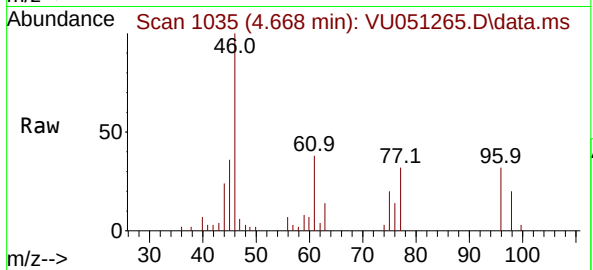
Tgt Ion: 96 Resp: 4393

Ion Ratio Lower Upper

96 100

61 119.5 90.6 168.2

98 64.7 47.5 88.3



#34

Trichloroethene

Concen: 3.333 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU051265.D

Acq: 08 Oct 2022 11:04

Tgt Ion: 95 Resp: 51108

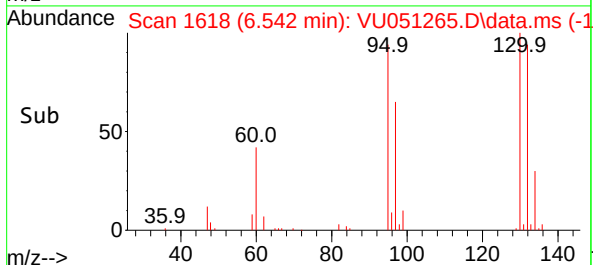
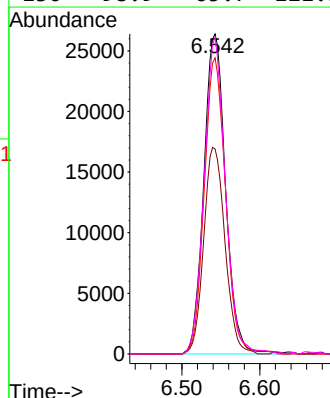
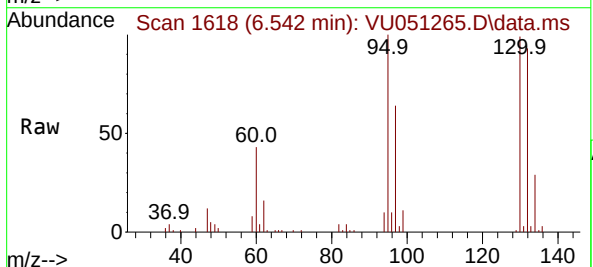
Ion Ratio Lower Upper

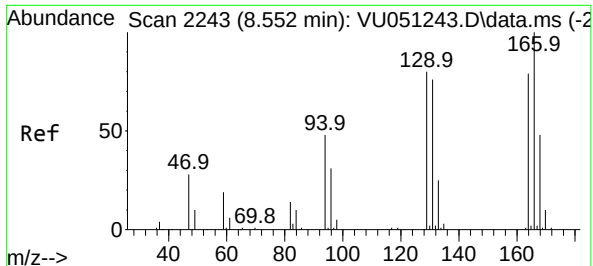
95 100

97 64.0 45.4 84.2

132 92.5 63.1 117.3

130 98.9 65.7 121.9





#47
 Tetrachloroethene
 Concen: 13.378 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051265.D
 Acq: 08 Oct 2022 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H51

Tgt Ion:164 Resp: 150810

Ion	Ratio	Lower	Upper
164	100		
129	100.9	71.3	132.3
131	98.3	66.9	124.3
166	131.0	90.9	168.7

