

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052062.D
 Acq On : 23 Nov 2022 00:46
 Operator : JC/MD
 Sample : N5684-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J2

Quant Time: Nov 23 03:34:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

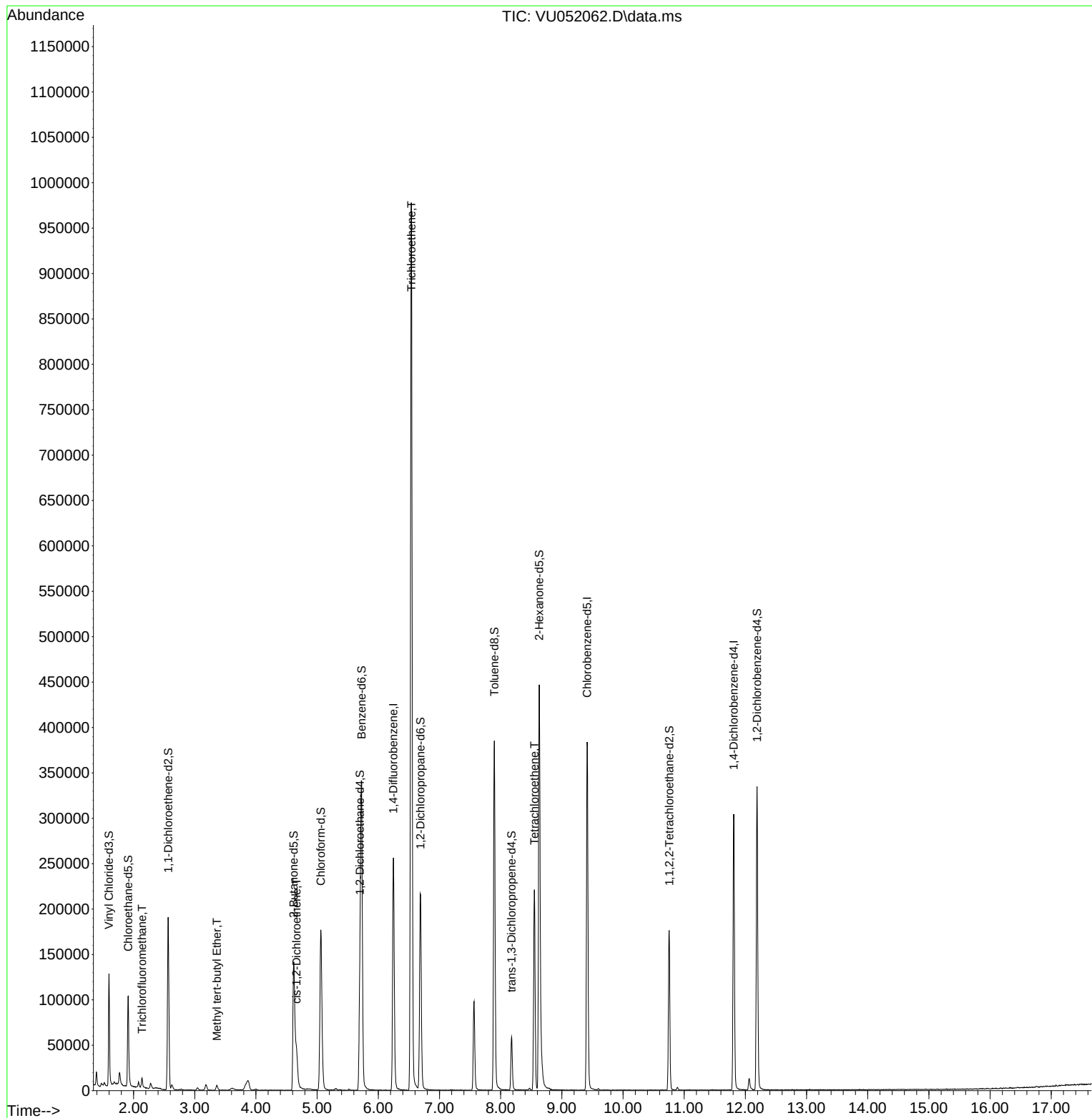
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	213282	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225464	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	92741	4.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.913	69	81331	5.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.565	65	34704	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.617	46	203036	53.992	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.980%
24) Chloroform-d	5.060	84	167646	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.700	65	85769	5.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.726	84	335099	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.687	67	112858	5.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.896	98	267070	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.179	79	34652	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.629	63	152106	47.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.100%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90423	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	92751	5.745	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.138	101	6381	0.250	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	4809	0.139	ug/L #	95
22) cis-1,2-Dichloroethene	4.665	96	17235	0.990	ug/L	90
34) Trichloroethene	6.539	95	348752	19.056	ug/L	99
47) Tetrachloroethene	8.552	164	51035	3.639	ug/L	94

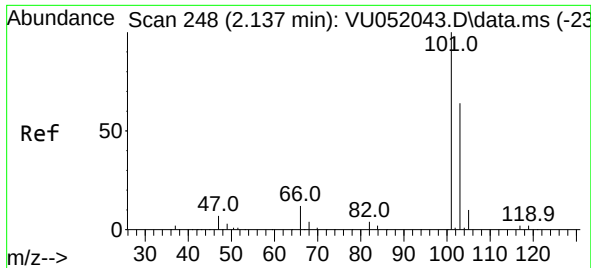
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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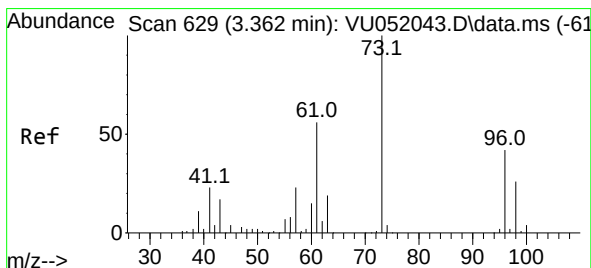
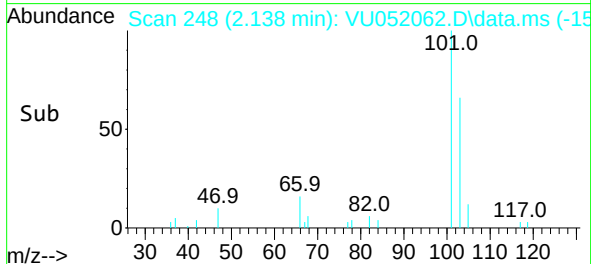
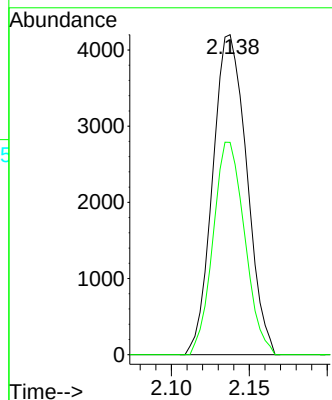
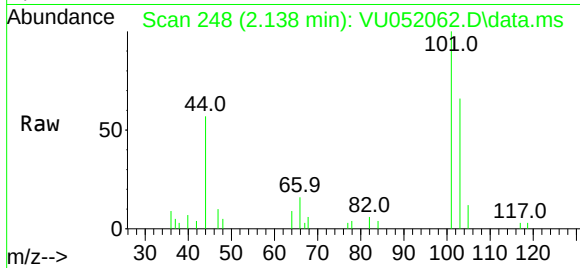




#9
 Trichlorofluoromethane
 Concen: 0.250 ug/L
 RT: 2.138 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VU052062.D
 Acq: 23 Nov 2022 00:46

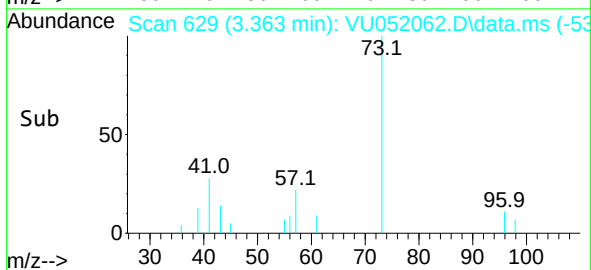
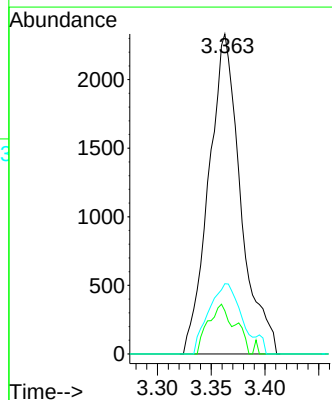
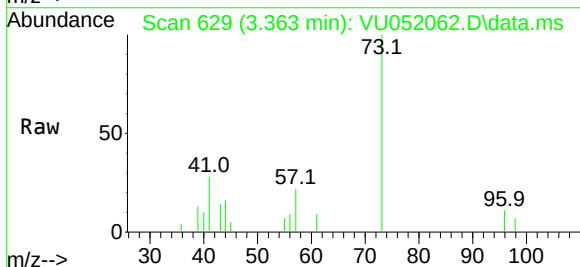
Instrument :
 MSVOA_U
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 BH1J2

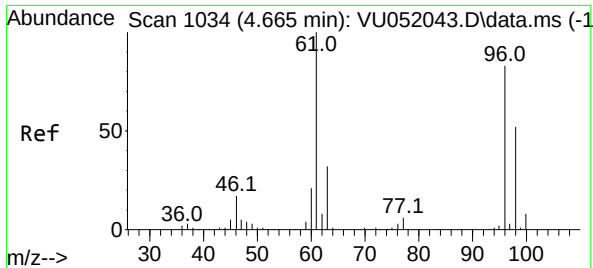
Tgt Ion:101 Resp: 6381
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.6 77.4



#17
 Methyl tert-butyl Ether
 Concen: 0.139 ug/L
 RT: 3.363 min Scan# 629
 Delta R.T. 0.003 min
 Lab File: VU052062.D
 Acq: 23 Nov 2022 00:46

Tgt Ion: 73 Resp: 4809
 Ion Ratio Lower Upper
 73 100
 43 13.1 13.2 19.8#
 57 23.3 17.8 26.8

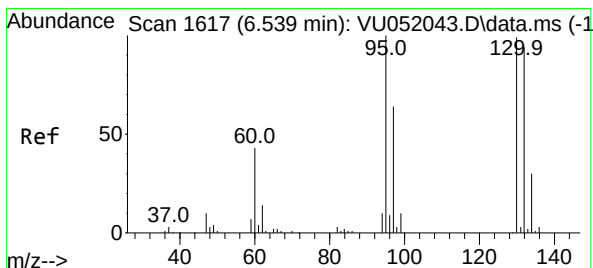
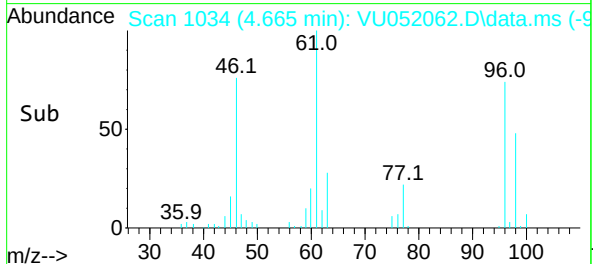
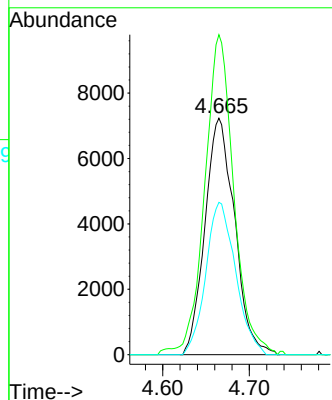
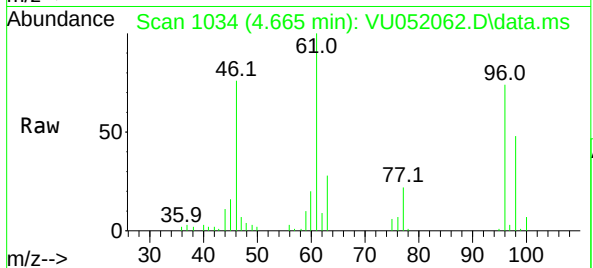




#22
 cis-1,2-Dichloroethene
 Concen: 0.990 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052062.D
 Acq: 23 Nov 2022 00:46

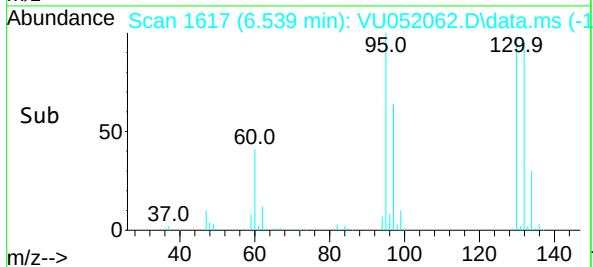
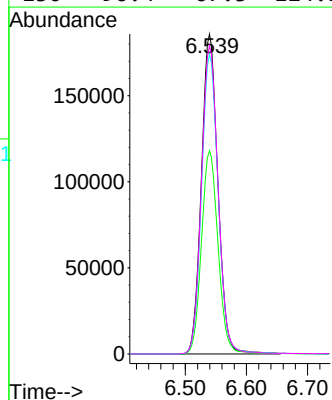
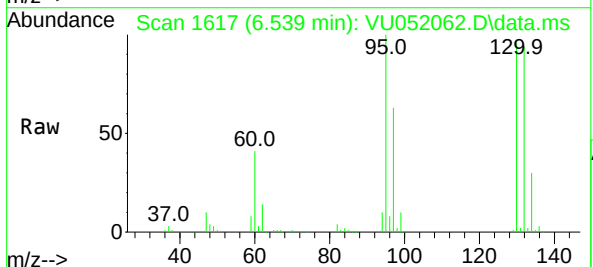
Instrument :
 MSVOA_U
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 BH1J2

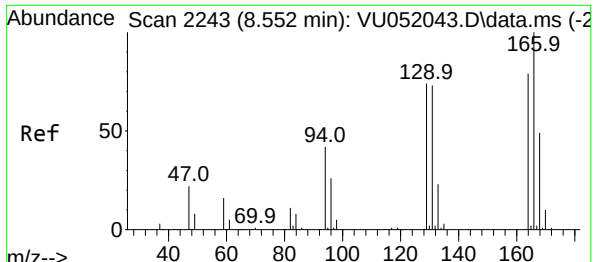
Tgt Ion: 96	Resp: 17235
Ion Ratio	Lower Upper
96 100	
61 135.3	85.1 158.1
98 64.4	42.8 79.6



#34
 Trichloroethene
 Concen: 19.056 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052062.D
 Acq: 23 Nov 2022 00:46

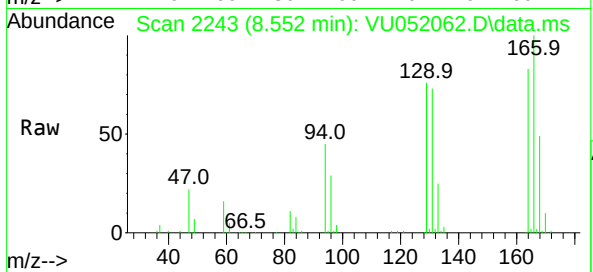
Tgt Ion: 95	Resp: 348752
Ion Ratio	Lower Upper
95 100	
97 63.5	43.7 81.1
132 93.7	64.3 119.3
130 96.4	67.3 124.9





#47
 Tetrachloroethene
 Concen: 3.639 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU052062.D
 Acq: 23 Nov 2022 00:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J2



Tgt Ion:164 Resp: 51035

Ion	Ratio	Lower	Upper
164	100		
129	92.1	67.4	125.2
131	89.0	67.1	124.7
166	121.1	89.7	166.5

