

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051915.D
 Acq On : 18 Nov 2022 20:47
 Operator : JC/MD
 Sample : N5684-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H4

Quant Time: Nov 19 00:50:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

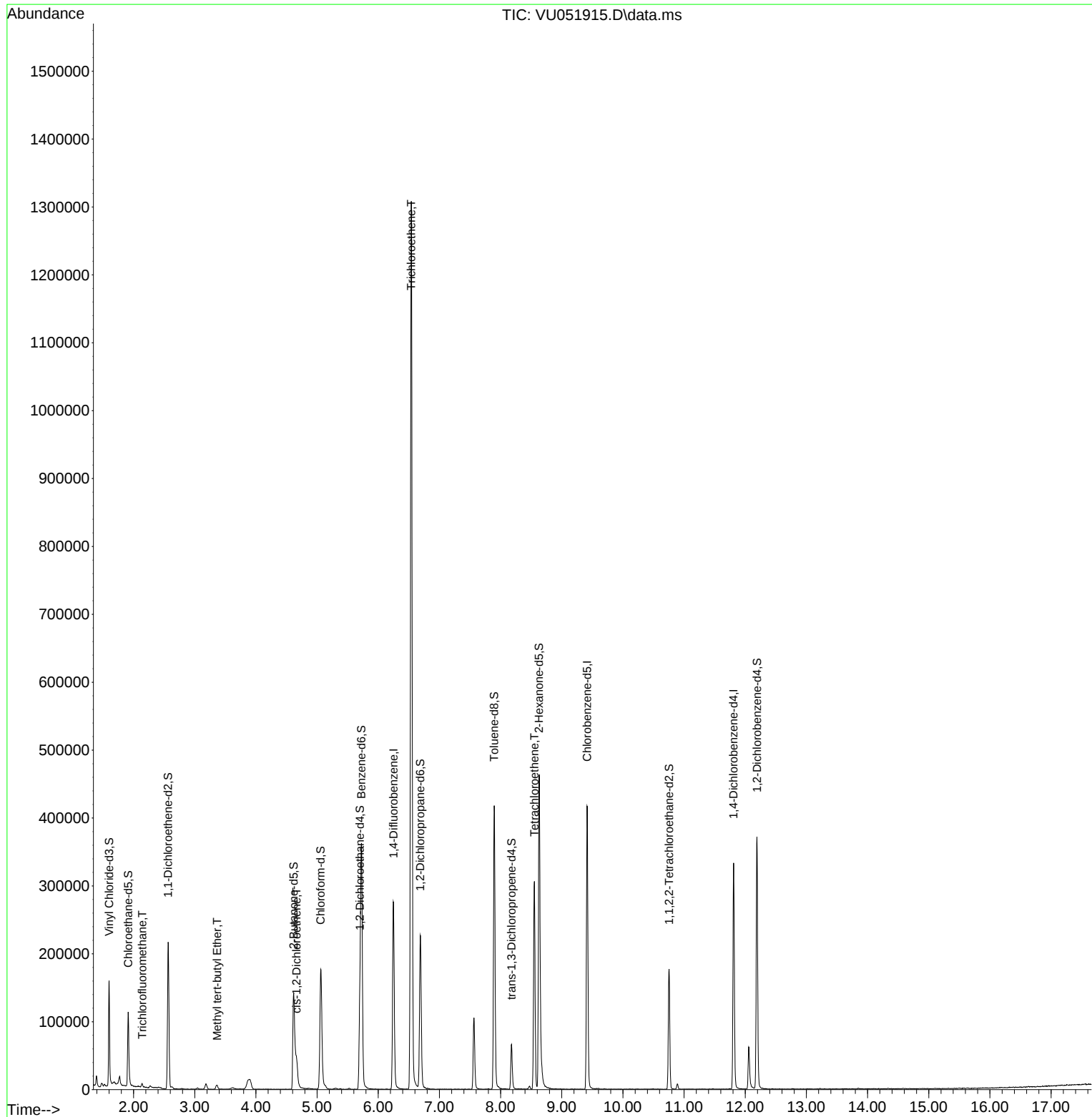
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	235129	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	242772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	115423	5.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.912	69	91723	5.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.565	65	40976	4.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.616	46	203605	49.113	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.220%
24) Chloroform-d	5.060	84	168818	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.700	65	88782	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.726	84	361289	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.687	67	115892	5.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.896	98	290603	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.179	79	38913	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.629	63	161488	46.881	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.760%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94465	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	102143	5.726	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
9) Trichlorofluoromethane	2.141	101	2954	0.105	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	4822	0.126	ug/L #	84
22) cis-1,2-Dichloroethene	4.665	96	18045	0.940	ug/L	96
34) Trichloroethene	6.539	95	464983	23.595	ug/L	97
47) Tetrachloroethene	8.552	164	70746	4.684	ug/L	96

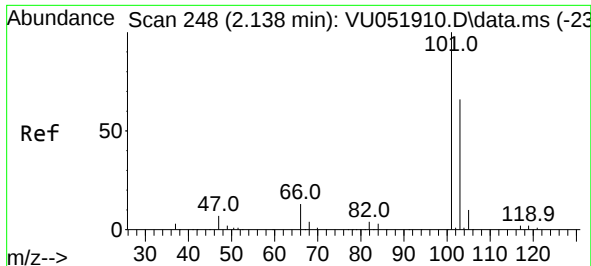
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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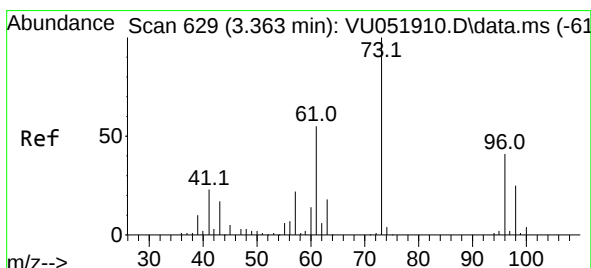
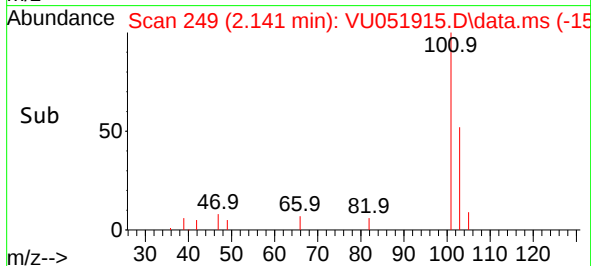
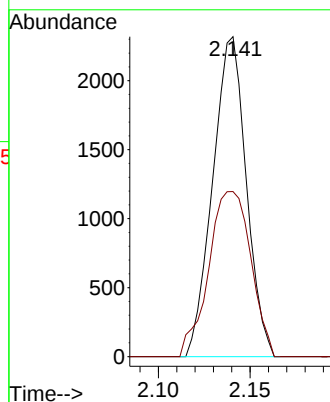
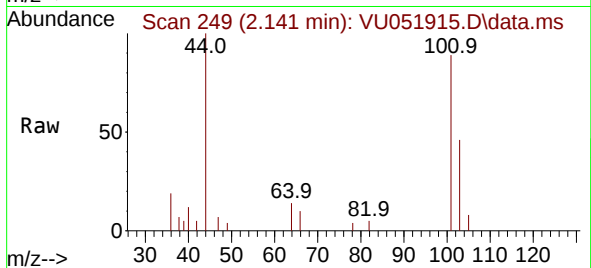




#9
Trichlorofluoromethane
Concen: 0.105 ug/L
RT: 2.141 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU051915.D
Acq: 18 Nov 2022 20:47

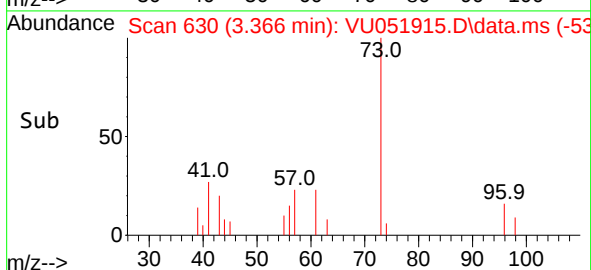
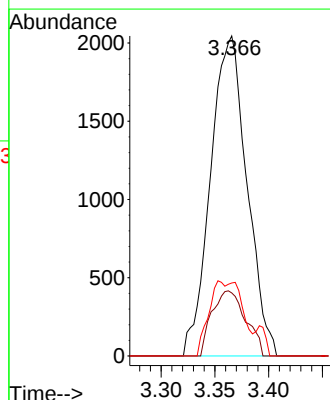
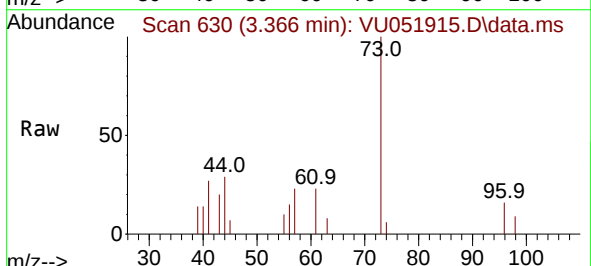
Instrument :
MSVOA_U
ClientSampleId :
BH1H4

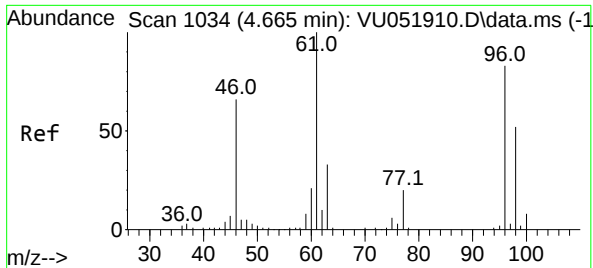
Tgt Ion:101 Resp: 2954
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4



#17
Methyl tert-butyl Ether
Concen: 0.126 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU051915.D
Acq: 18 Nov 2022 20:47

Tgt Ion: 73 Resp: 4822
Ion Ratio Lower Upper
73 100
43 18.9 13.2 19.8
57 10.8 17.8 26.8#

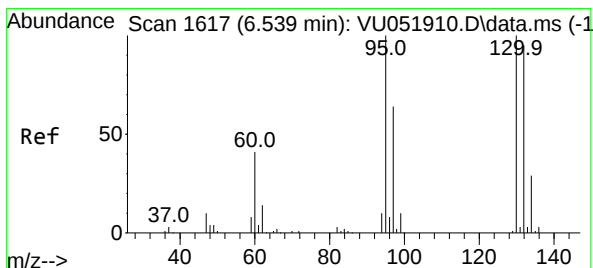
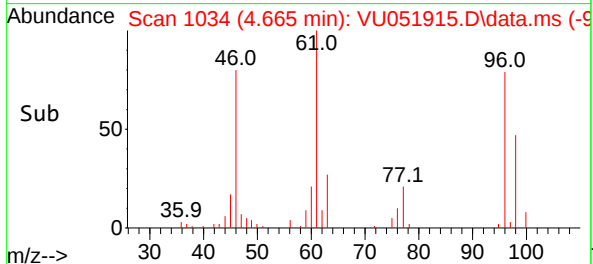
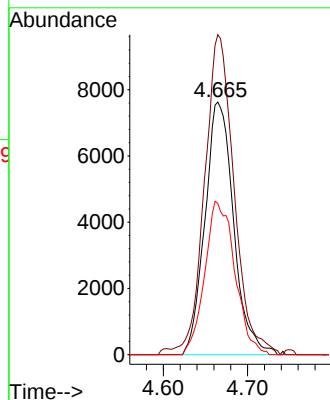
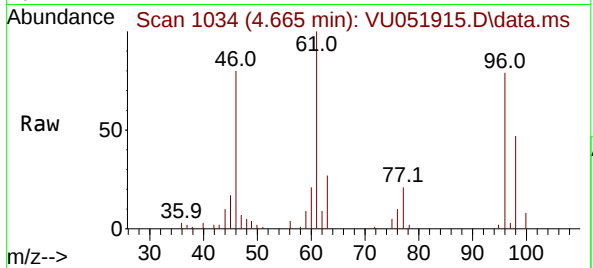




#22
 cis-1,2-Dichloroethene
 Concen: 0.940 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051915.D
 Acq: 18 Nov 2022 20:47

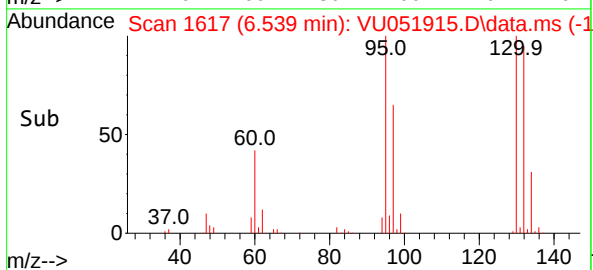
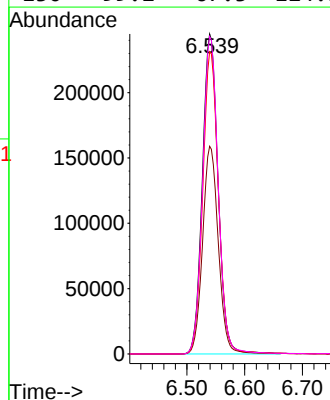
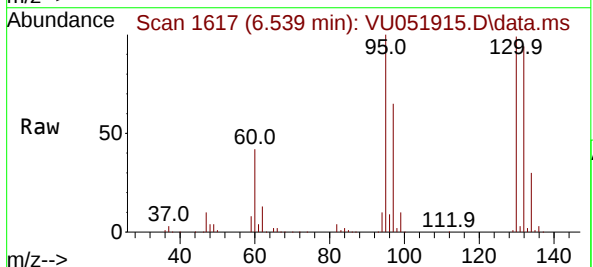
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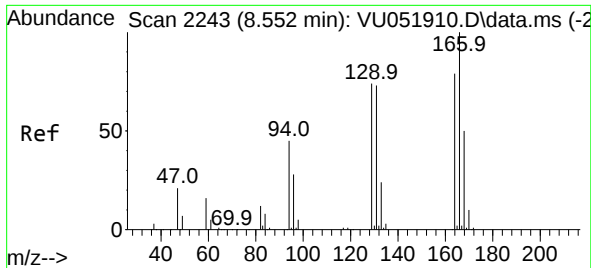
Tgt Ion: 96	Resp: 18045
Ion Ratio	Lower Upper
96 100	
61 126.6	85.1 158.1
98 59.9	42.8 79.6



#34
 Trichloroethene
 Concen: 23.595 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU051915.D
 Acq: 18 Nov 2022 20:47

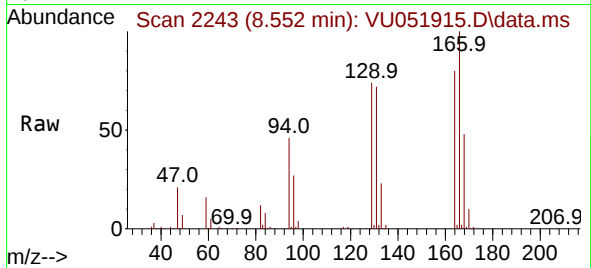
Tgt Ion: 95	Resp: 464983
Ion Ratio	Lower Upper
95 100	
97 64.9	43.7 81.1
132 94.5	64.3 119.3
130 99.2	67.3 124.9





#47
 Tetrachloroethene
 Concen: 4.684 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051915.D
 Acq: 18 Nov 2022 20:47

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H4



Tgt Ion:	164	Resp:	70746
Ion	Ratio	Lower	Upper
164	100		
129	92.6	67.4	125.2
131	90.0	67.1	124.7
166	125.2	89.7	166.5

