

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052060.D
 Acq On : 22 Nov 2022 23:52
 Operator : JC/MD
 Sample : N5684-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H6

Quant Time: Nov 23 00:51:02 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)

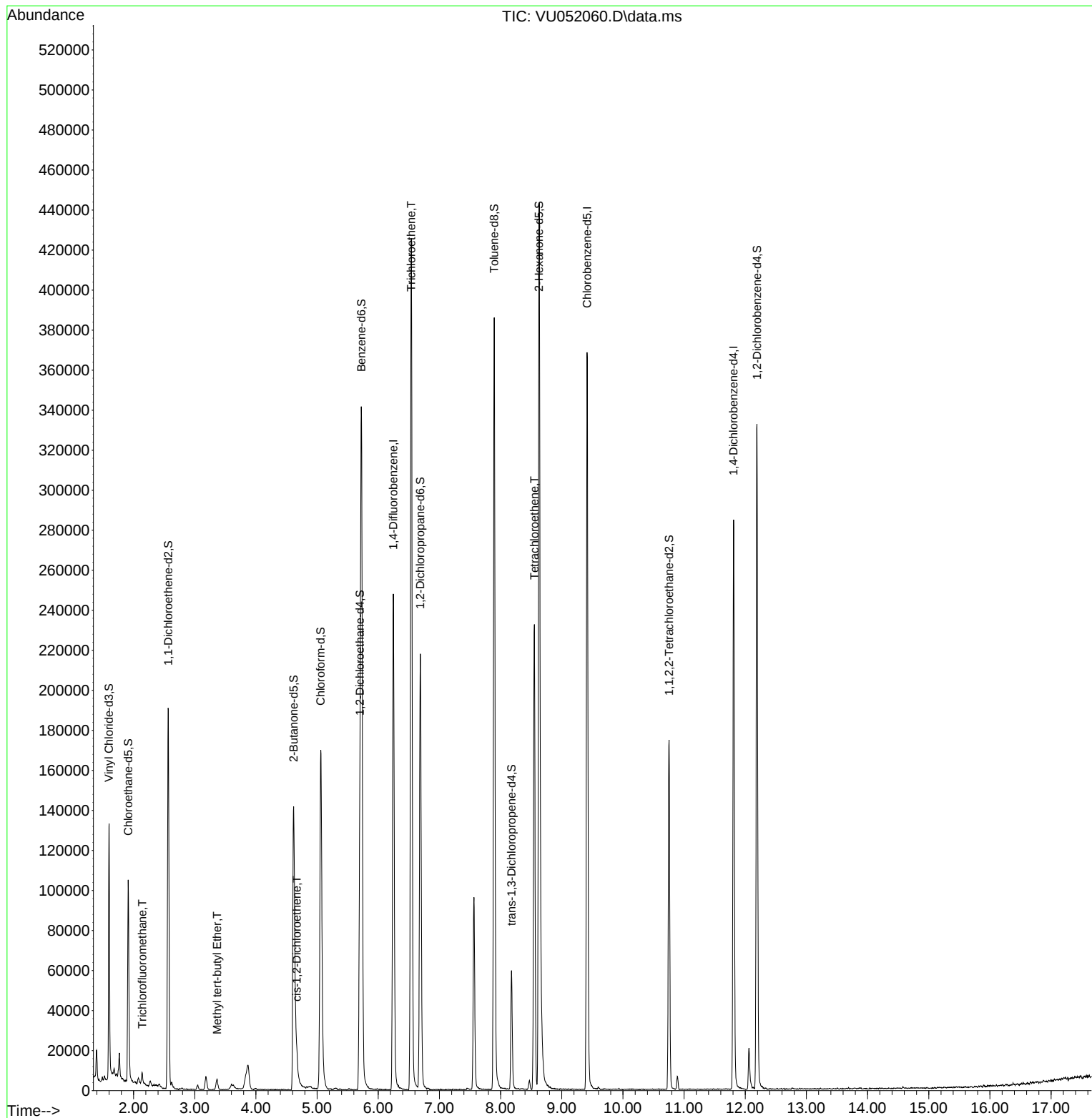
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	206086	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	217156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	80593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95476	4.763	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.912	69	82644	5.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.568	65	35729	4.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.616	46	201737	55.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.040%
24) Chloroform-d	5.060	84	160910	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	5.700	65	85130	5.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	5.726	84	341830	5.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.687	67	111331	5.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.896	98	272970	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.179	79	35125	4.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.629	63	154942	50.286	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90702	5.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	93392	6.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.000%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	3844	0.156	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	5173	0.155	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	5153	0.306	ug/L	91
34) Trichloroethene	6.539	95	156737	8.892	ug/L	98
47) Tetrachloroethene	8.552	164	53731	3.977	ug/L	98

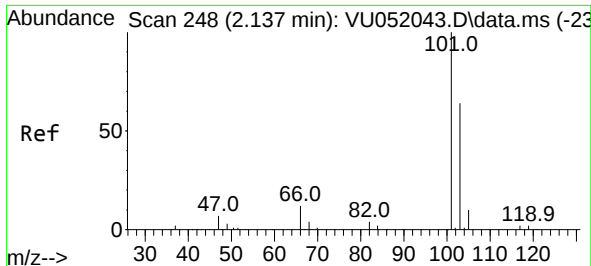
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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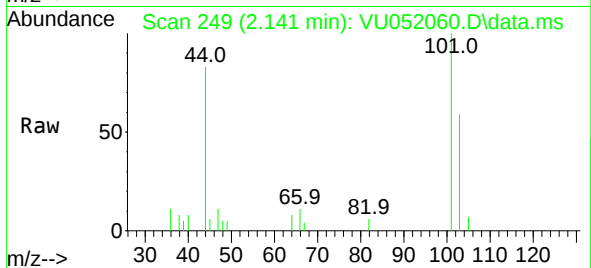
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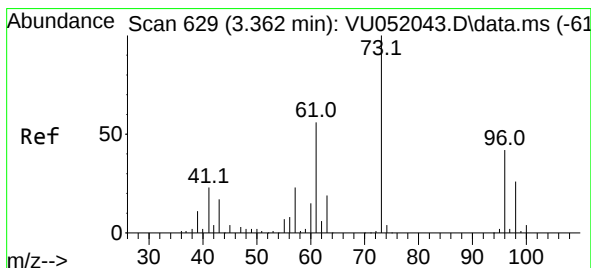
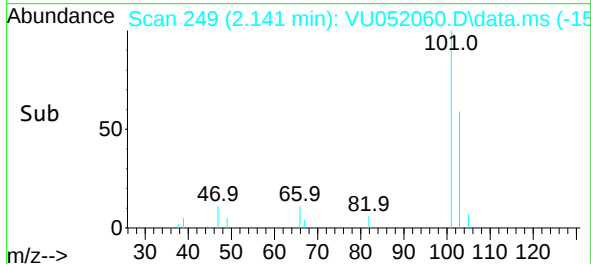
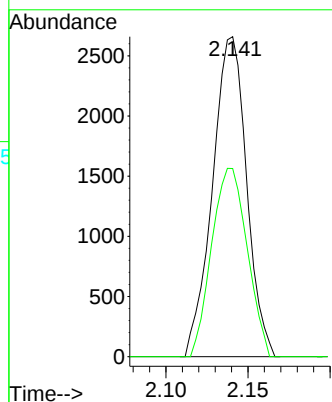


#9
 Trichlorofluoromethane
 Concen: 0.156 ug/L
 RT: 2.141 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VU052060.D
 Acq: 22 Nov 2022 23:52

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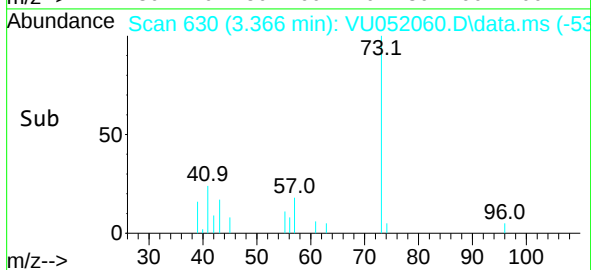
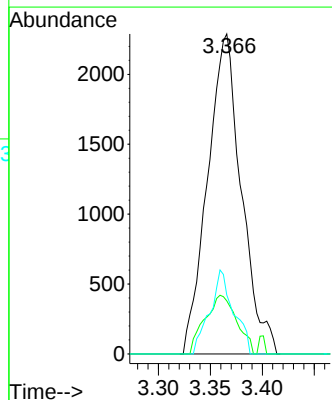
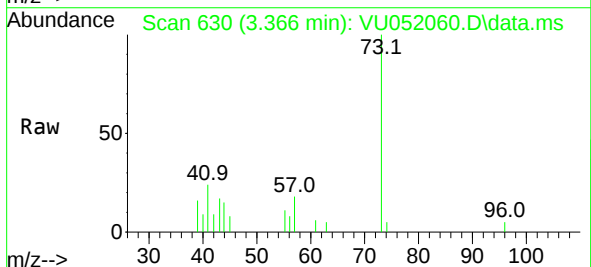


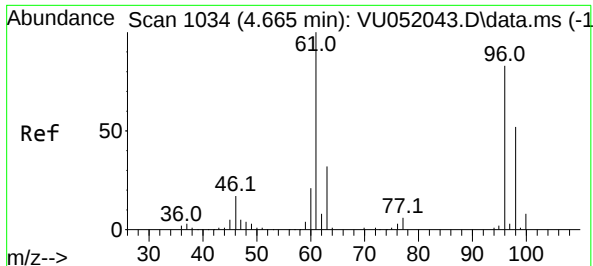
Tgt Ion:101 Resp: 3844
 Ion Ratio Lower Upper
 101 100
 103 61.1 51.6 77.4



#17
 Methyl tert-butyl Ether
 Concen: 0.155 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. 0.006 min
 Lab File: VU052060.D
 Acq: 22 Nov 2022 23:52

Tgt Ion: 73 Resp: 5173
 Ion Ratio Lower Upper
 73 100
 43 17.3 13.2 19.8
 57 18.4 17.8 26.8

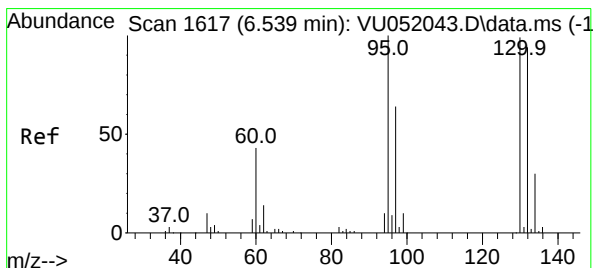
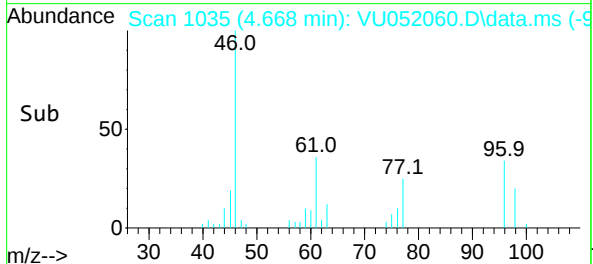
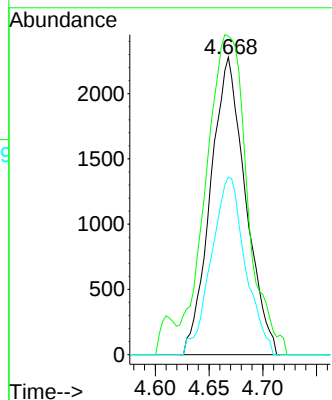
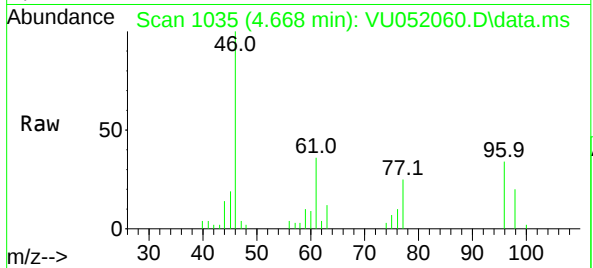




#22
 cis-1,2-Dichloroethene
 Concen: 0.306 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU052060.D
 Acq: 22 Nov 2022 23:52

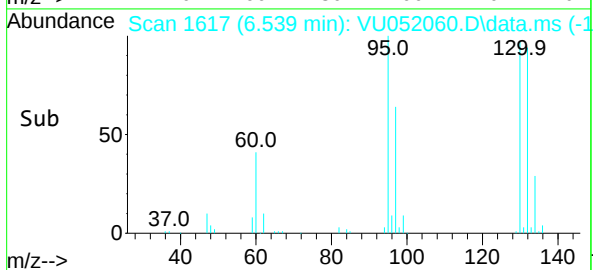
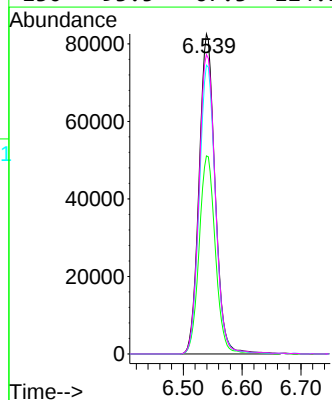
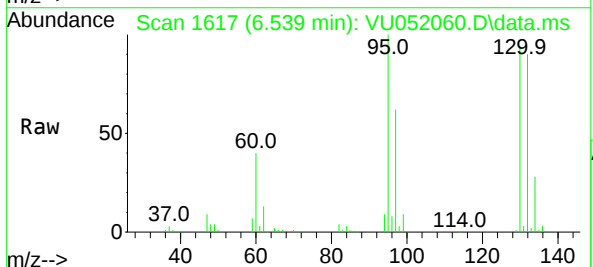
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H6

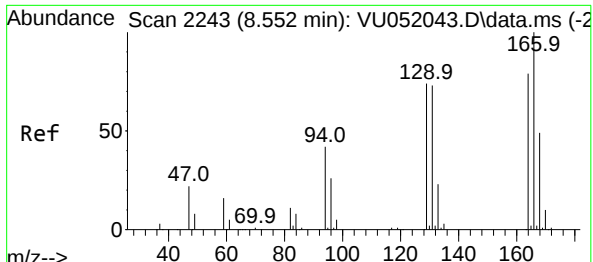
Tgt Ion: 96 Resp: 5153
 Ion Ratio Lower Upper
 96 100
 61 107.1 85.1 158.1
 98 59.6 42.8 79.6



#34
 Trichloroethene
 Concen: 8.892 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052060.D
 Acq: 22 Nov 2022 23:52

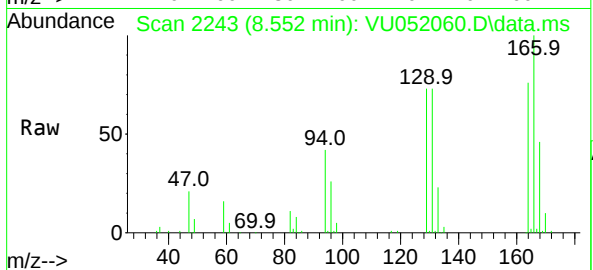
Tgt Ion: 95 Resp: 156737
 Ion Ratio Lower Upper
 95 100
 97 61.9 43.7 81.1
 132 90.3 64.3 119.3
 130 93.5 67.3 124.9





#47
 Tetrachloroethene
 Concen: 3.977 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU052060.D
 Acq: 22 Nov 2022 23:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H6



Tgt Ion:	164	Resp:	53731
Ion	Ratio	Lower	Upper
164	100		
129	97.0	67.4	125.2
131	96.2	67.1	124.7
166	132.4	89.7	166.5

