

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042670.D
 Acq On : 15 Mar 2021 17:44
 Operator : SY/MD
 Sample : M1656-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW108DL

Quant Time: Mar 16 01:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

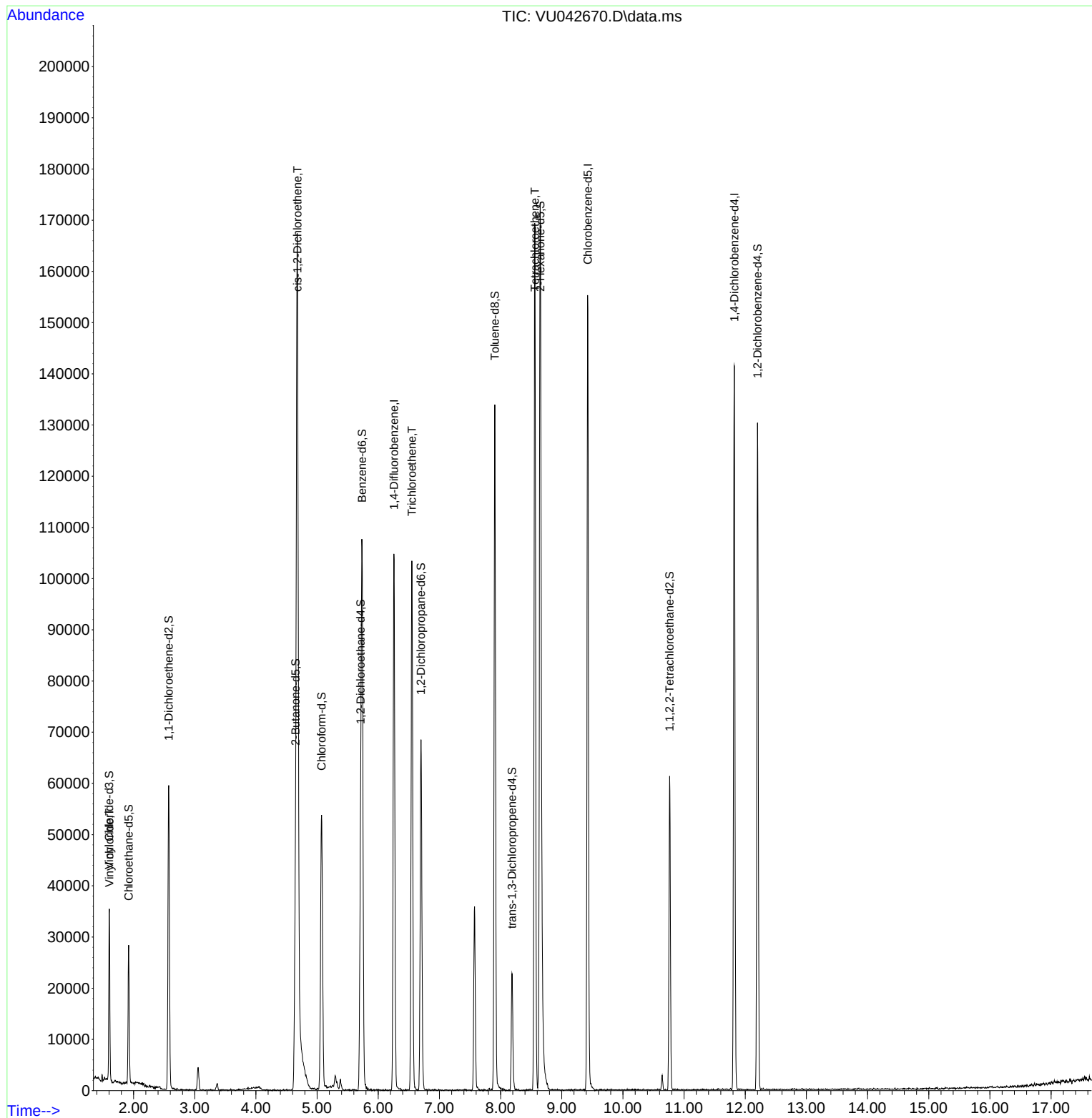
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	80301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	78874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	36496	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19938	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.919	69	18651	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.575	63	36806	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.649	46	76846	43.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.44%
24) Chloroform-d	5.073	84	49203	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.713	65	33777	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.735	84	87553	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.700	67	29306	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	83750	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.185	79	12502	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.648	63	69482	49.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27478	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	32616	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	3322	0.47	ug/L	85
22) cis-1,2-Dichloroethene	4.677	96	71128	11.19	ug/L	97
34) Trichloroethene	6.549	95	33546	4.90	ug/L	97
47) Tetrachloroethene	8.562	164	37158	6.66	ug/L	98

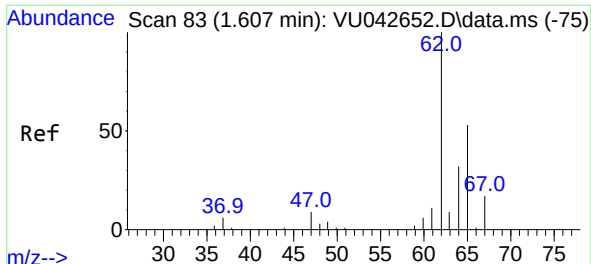
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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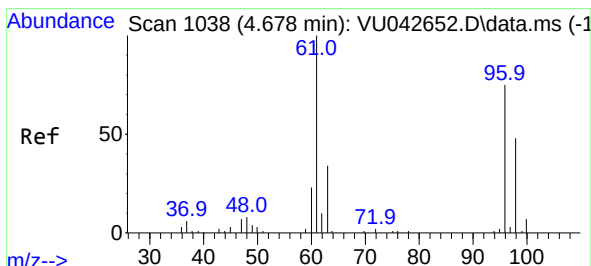
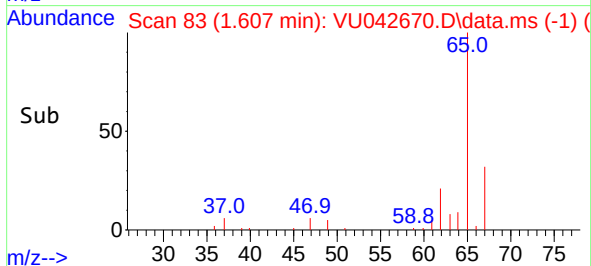
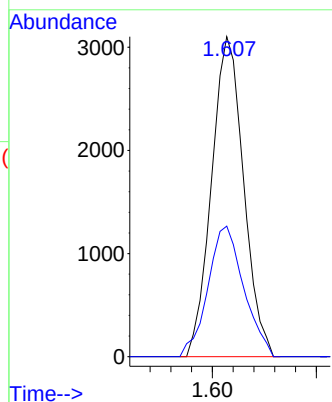
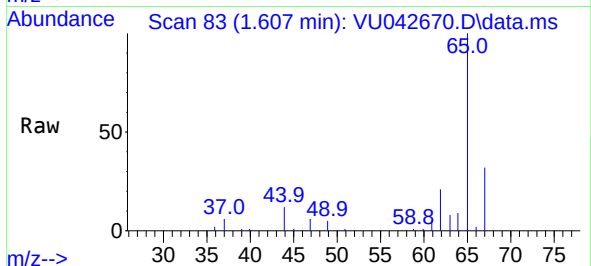




#5
 Vinyl chloride
 Concen: 0.47 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042670.D
 Acq: 15 Mar 2021 17:44

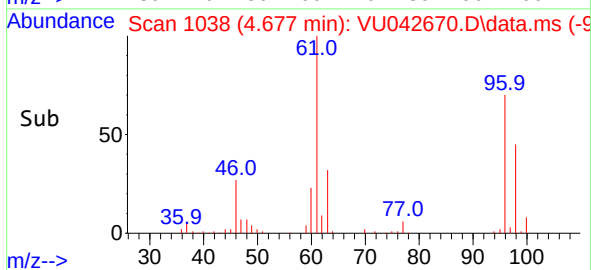
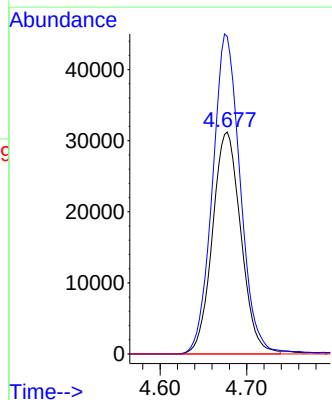
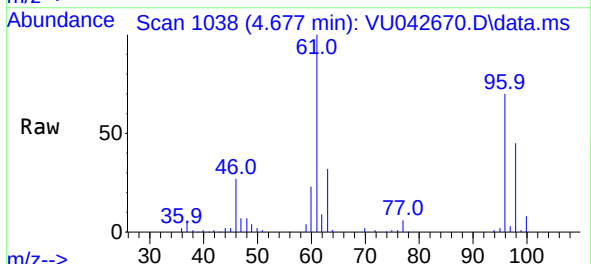
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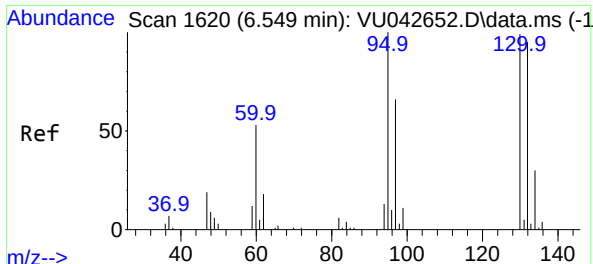
Tgt Ion: 62 Resp: 3322
 Ion Ratio Lower Upper
 62 100
 64 40.8 22.7 42.1



#22
 cis-1,2-Dichloroethene
 Concen: 11.19 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU042670.D
 Acq: 15 Mar 2021 17:44

Tgt Ion: 96 Resp: 71128
 Ion Ratio Lower Upper
 96 100
 61 143.0 97.8 181.6
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 4.90 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU042670.D

Acq: 15 Mar 2021 17:44

Tgt Ion: 95 Resp: 33546

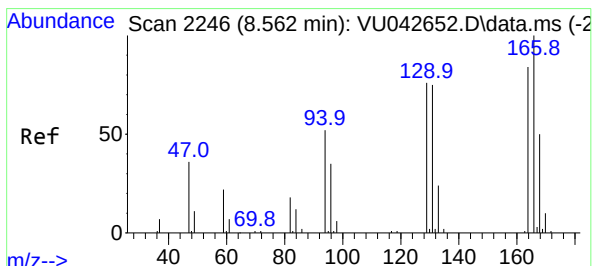
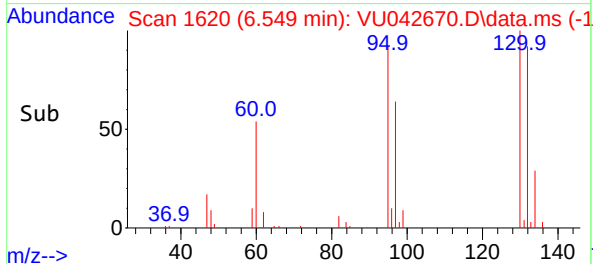
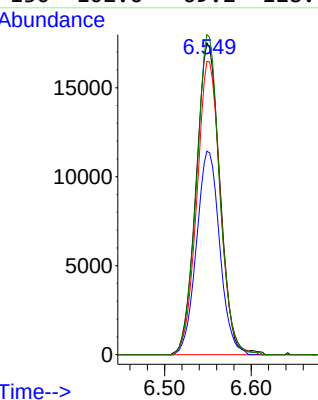
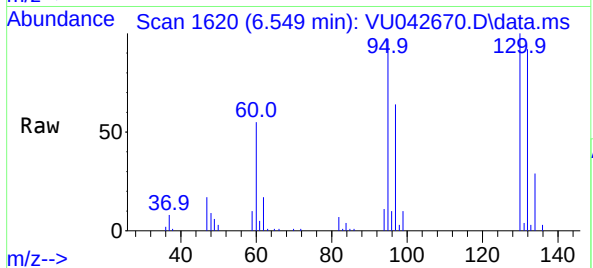
Ion Ratio Lower Upper

95 100

97 65.3 44.4 82.4

132 94.1 68.0 126.4

130 102.6 69.2 128.4



#47

Tetrachloroethene

Concen: 6.66 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU042670.D

Acq: 15 Mar 2021 17:44

Tgt Ion: 164 Resp: 37158

Ion Ratio Lower Upper

164 100

129 90.5 64.3 119.5

131 84.2 62.2 115.6

166 126.5 88.6 164.6

