

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047115.D
 Acq On : 11 Feb 2022 15:16
 Operator : SY/MD
 Sample : N1462-02DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M21DL

Quant Time: Feb 12 01:28:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

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

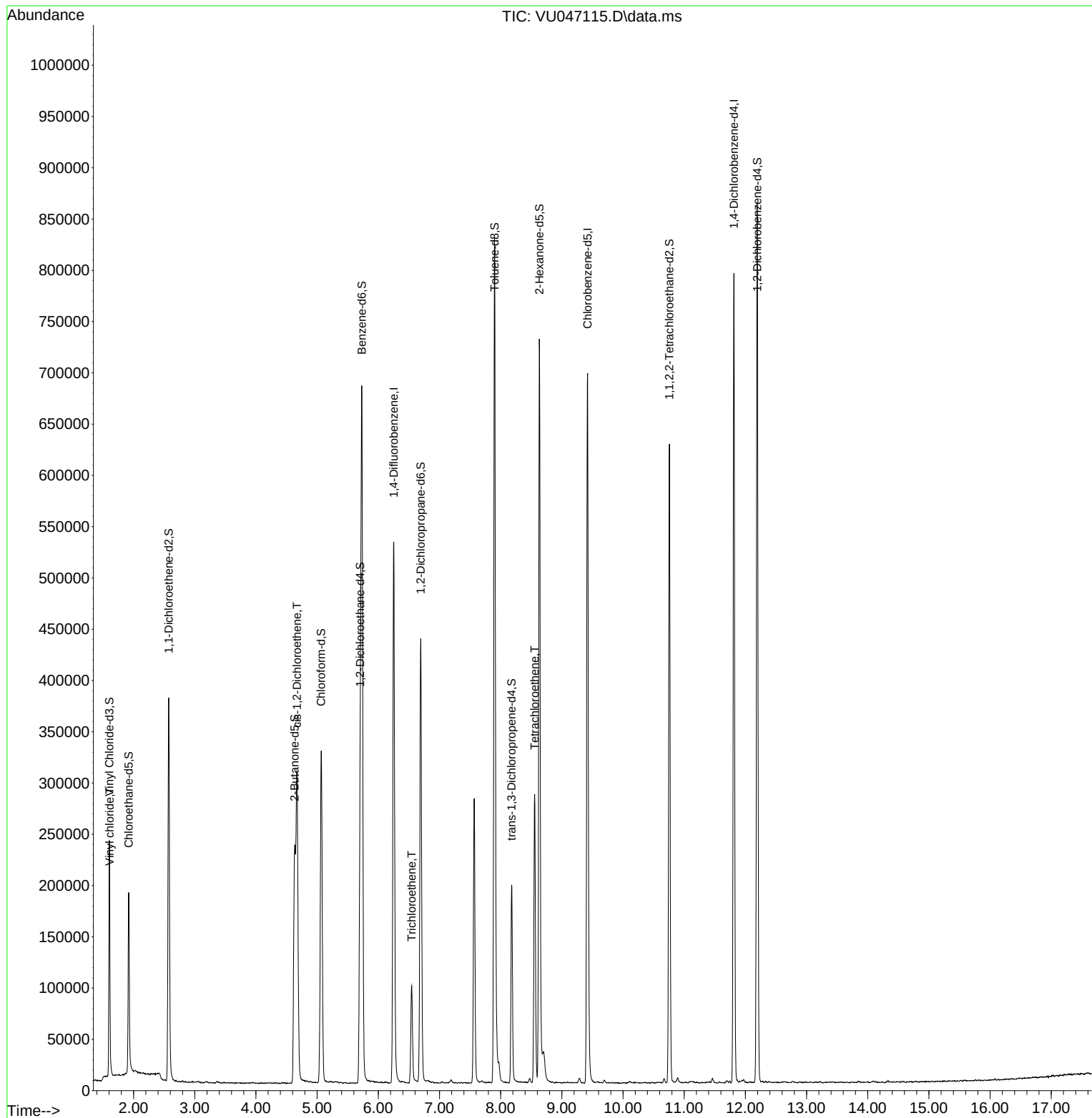
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	448567	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	416820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	212814	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	166644	40.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.820%
7) Chloroethane-d5	1.919	69	135582	44.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.780%
11) 1,1-Dichloroethene-d2	2.575	63	222256	32.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.840%
21) 2-Butanone-d5	4.633	46	363053	114.907	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.910%
24) Chloroform-d	5.067	84	296587	44.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.680%
26) 1,2-Dichloroethane-d4	5.703	65	202513	47.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
32) Benzene-d6	5.732	84	633021	45.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	6.694	67	210305	46.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	7.899	98	597495	45.285	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.580%
43) trans-1,3-Dichloroprop...	8.179	79	106599	45.264	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.520%
47) 2-Hexanone-d5	8.632	63	267315	103.831	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.830%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	311416	47.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	232932	46.150	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.300%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	5635	1.352	ug/L	# 40
20) cis-1,2-Dichloroethene	4.671	96	141645	41.785	ug/L	94
34) Trichloroethene	6.546	95	31502	9.328	ug/L	96
46) Tetrachloroethene	8.555	164	67498	24.846	ug/L	95

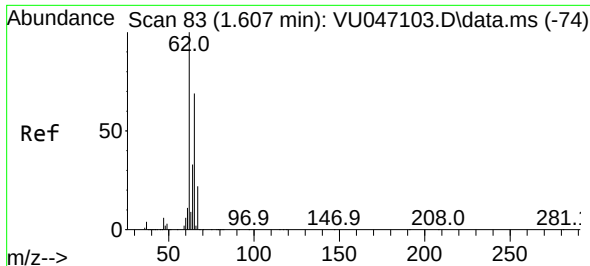
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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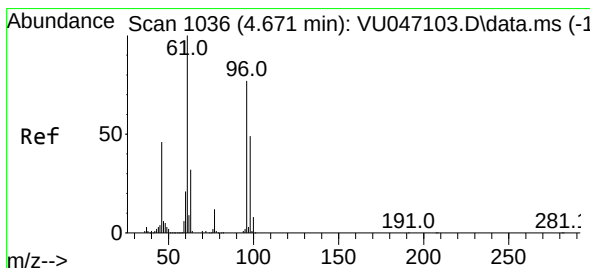
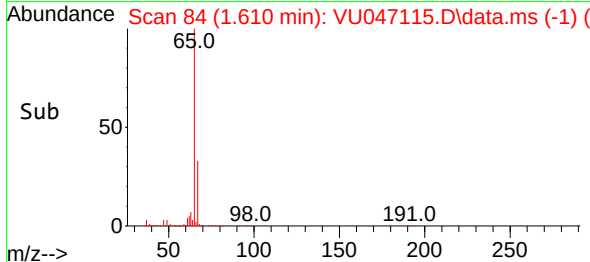
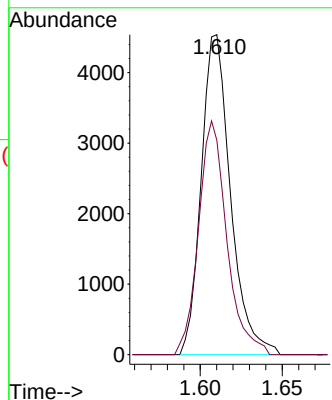
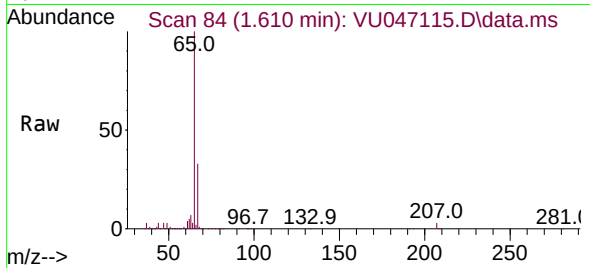




#5
 Vinyl chloride
 Concen: 1.352 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047115.D
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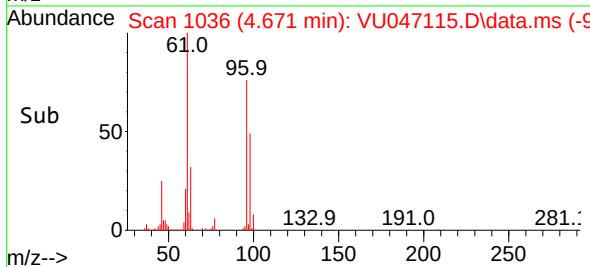
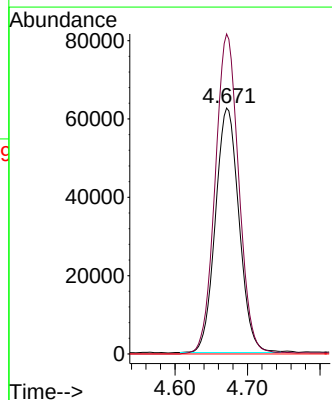
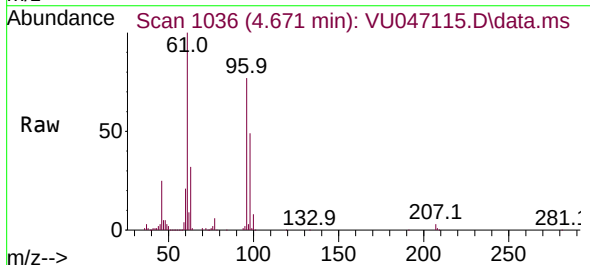
Instrument :
 MSVOA_U
 ClientSampleId :
 F4M21DL

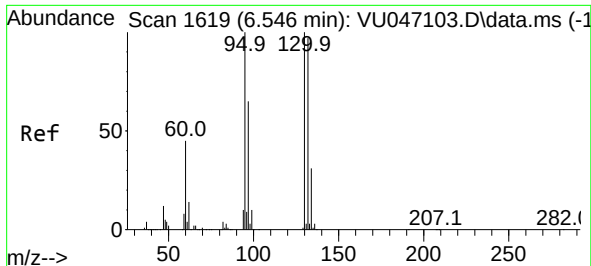
Tgt Ion: 62 Resp: 5635
 Ion Ratio Lower Upper
 62 100
 64 67.0 23.1 42.9#



#20
 cis-1,2-Dichloroethene
 Concen: 41.785 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047115.D
 Acq: 11 Feb 2022 15:16

Tgt Ion: 96 Resp: 141645
 Ion Ratio Lower Upper
 96 100
 61 130.1 86.0 159.6
 68 0.0 0.0 0.0



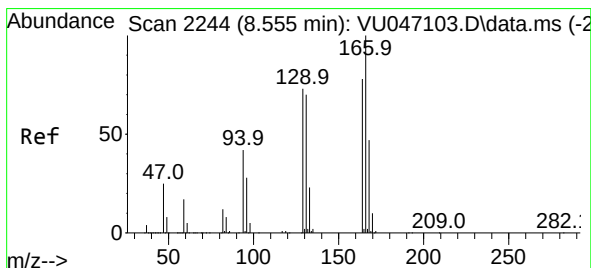
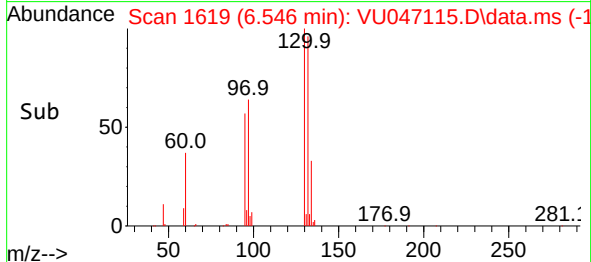
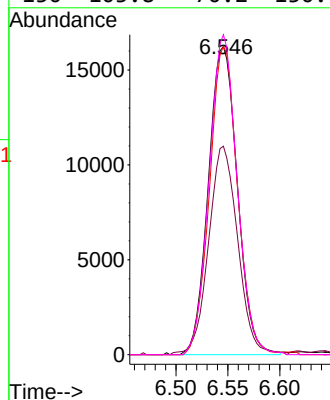
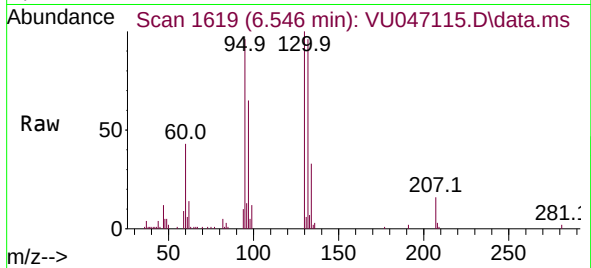


#34
Trichloroethene
Concen: 9.328 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047115.D
Acq: 11 Feb 2022 15:16

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 31502

Ion	Ratio	Lower	Upper
95	100		
97	67.7	45.1	83.7
132	100.1	66.7	123.9
130	103.8	70.2	130.4



#46
Tetrachloroethene
Concen: 24.846 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047115.D
Acq: 11 Feb 2022 15:16

Tgt Ion: 164 Resp: 67498

Ion	Ratio	Lower	Upper
164	100		
129	93.8	69.5	129.1
131	89.6	67.0	124.4
166	126.2	90.6	168.2

