

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041927.D
 Acq On : 11 Jan 2021 17:54
 Operator : SY/MD
 Sample : M1026-19DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXMODL

Quant Time: Jan 12 04:57:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113110	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110233	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47811	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46259	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.92	69	44473	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.58	63	70749	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.66	46	170821	64.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.96%
24) Chloroform-d	5.08	84	89364	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.72	65	48025	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	162926	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.70	67	53778	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.90	98	136822	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.19	79	20642	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.64	63	120977	55.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46911	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50557	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

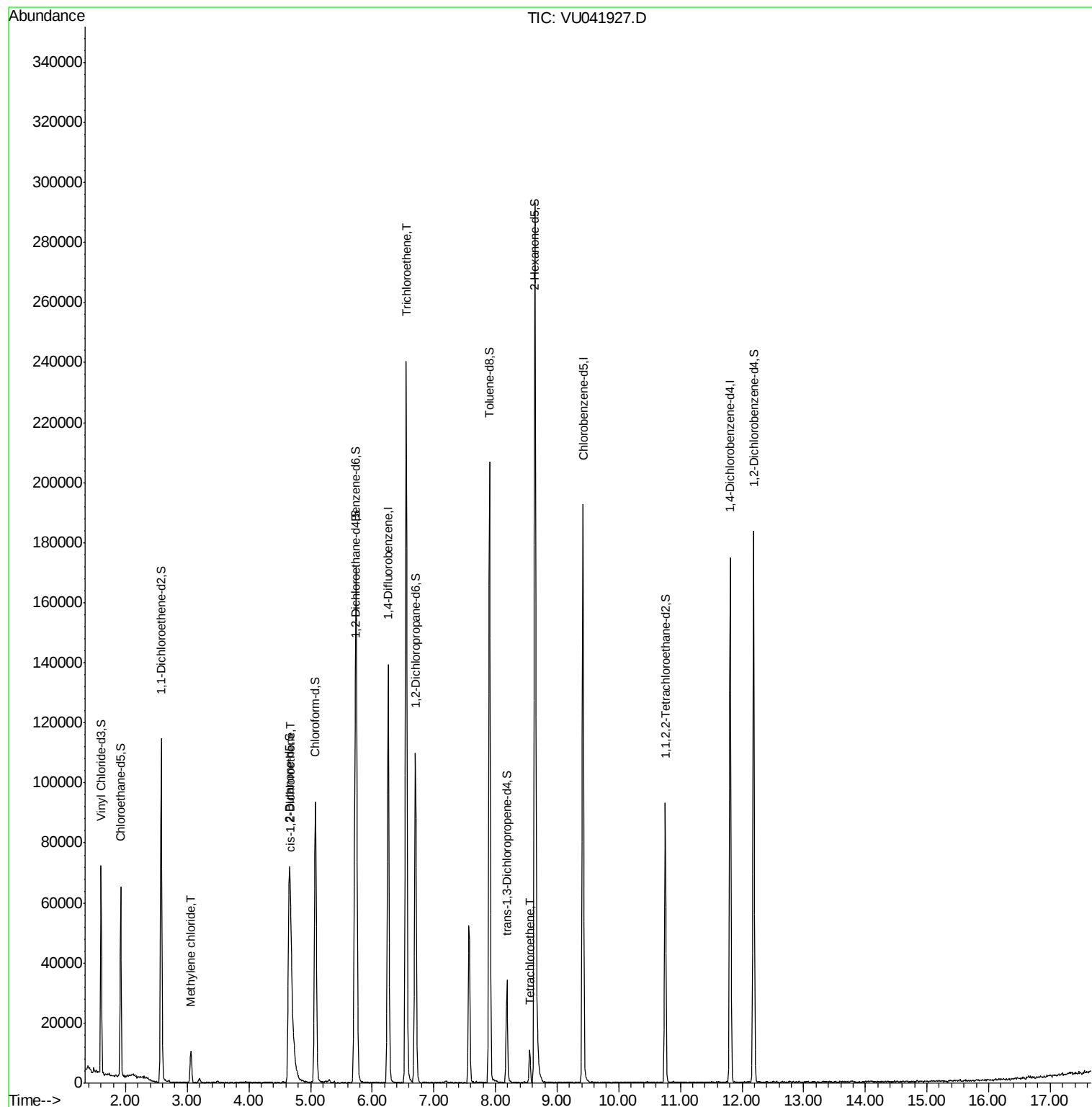
					Ovalue
16) Methylene chloride	3.06	84	5189	0.468 ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	1960	0.214 ug/L	98
34) Trichloroethene	6.55	95	84236	9.033 ug/L	95
47) Tetrachloroethene	8.56	164	2487	0.383 ug/L	98

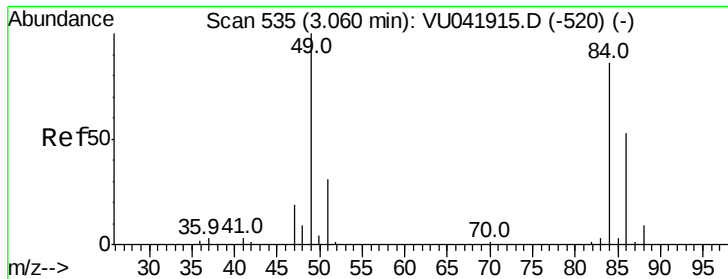
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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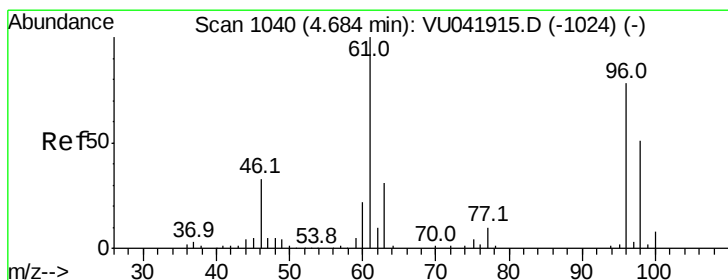
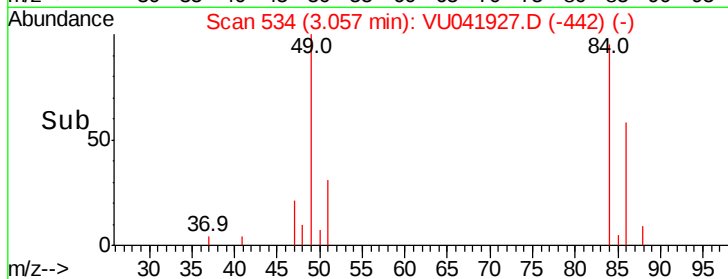
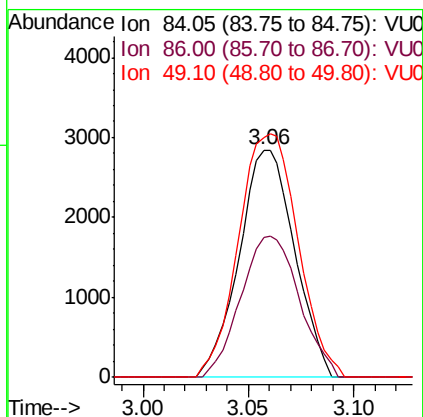
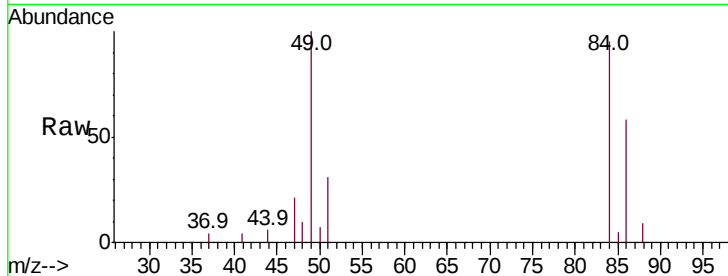




#16
Methvlene chloride
Concen: 0.468 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041927.D
Acq: 11 Jan 2021 17:54

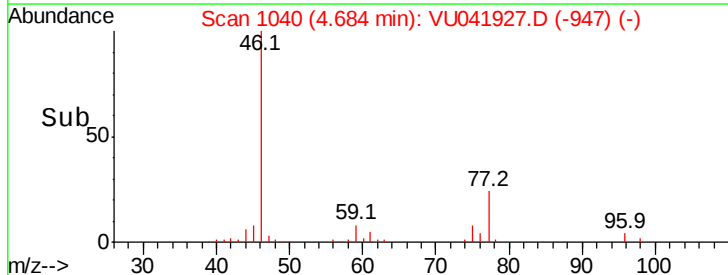
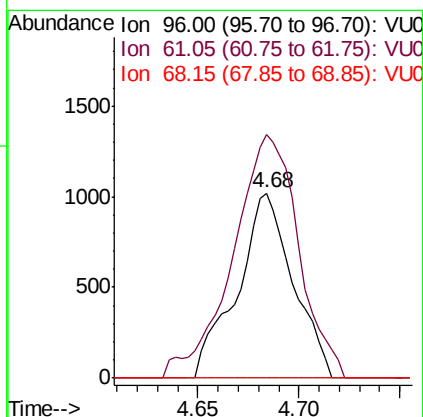
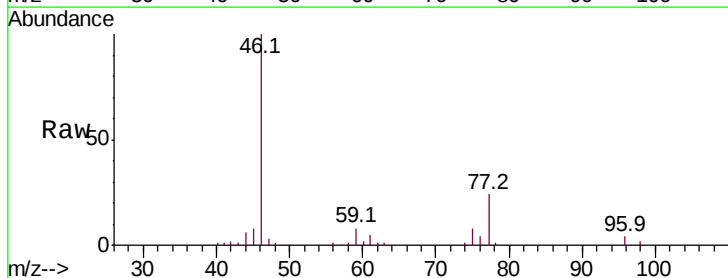
Instrument :
MSVOA_U
ClientSampleId :
BFXMODL

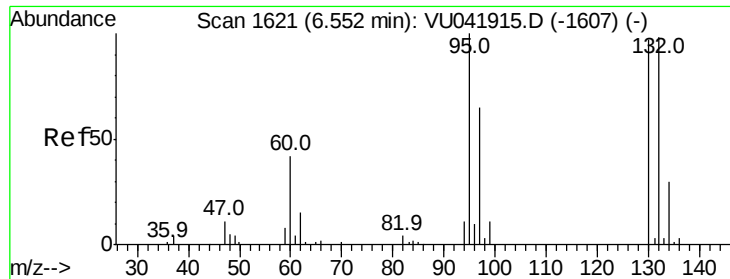
Tot Ion: 84 Resp: 5189
Ion Ratio Lower Upper
84 100
86 61.4 43.5 80.7
49 105.5 81.8 151.8



#22
cis-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU041927.D
Acq: 11 Jan 2021 17:54

Tgt Ion: 96 Resp: 1960
Ion Ratio Lower Upper
96 100
61 131.6 90.3 167.7
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 9.033 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041927.D

Acq: 11 Jan 2021 17:54

Instrument :

MSVOA_U

ClientSampleId :

BFXMODL

Tot Ion: 95 Resp: 84236

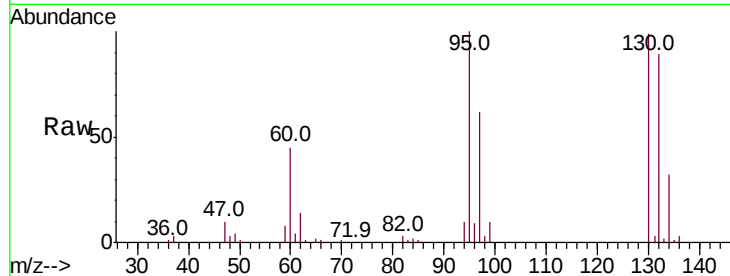
Ion Ratio Lower Upper

95 100

97 62.3 45.2 84.0

132 88.9 68.7 127.5

130 98.5 68.0 126.4

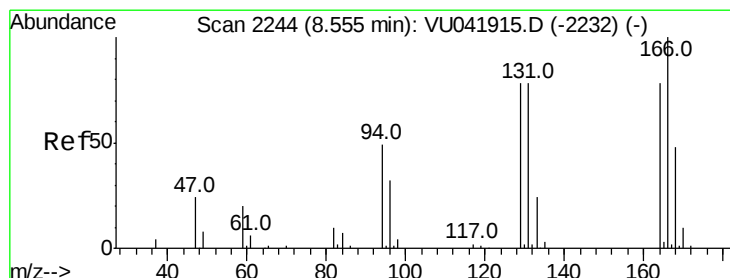
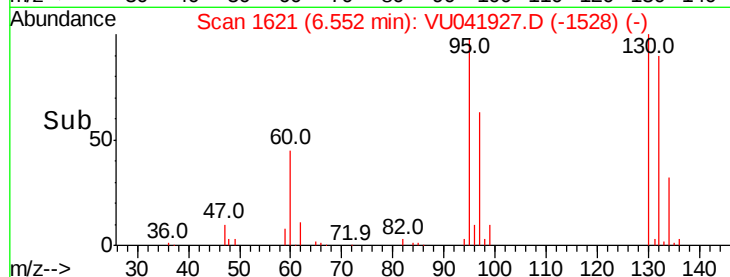
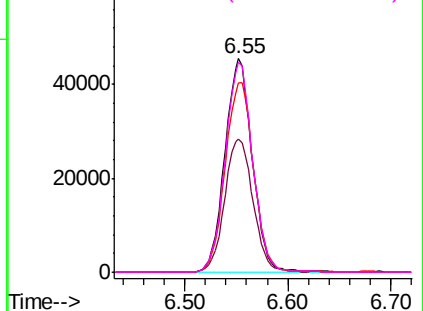


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.383 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041927.D

Acq: 11 Jan 2021 17:54

Tgt Ion:164 Resp: 2487

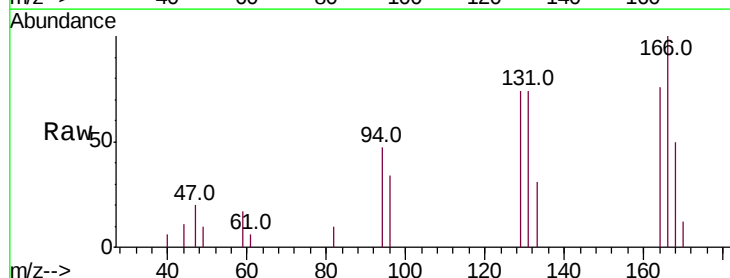
Ion Ratio Lower Upper

164 100

129 97.1 69.2 128.6

131 97.6 69.7 129.5

166 131.3 89.2 165.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

