

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040427.D
 Acq On : 01 Oct 2020 16:31
 Operator : SY/MD
 Sample : L4202-01DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB4DL

Quant Time: Oct 02 05:15:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120871	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51912	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24308	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	26357	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.58	63	42084	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.65	46	156908	52.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.58%
24) Chloroform-d	5.08	84	70696	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.71	65	43677	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.74	84	121117	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.70	67	45173	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.90	98	91548	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	16523	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.64	63	110586	51.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43280	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	44541	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

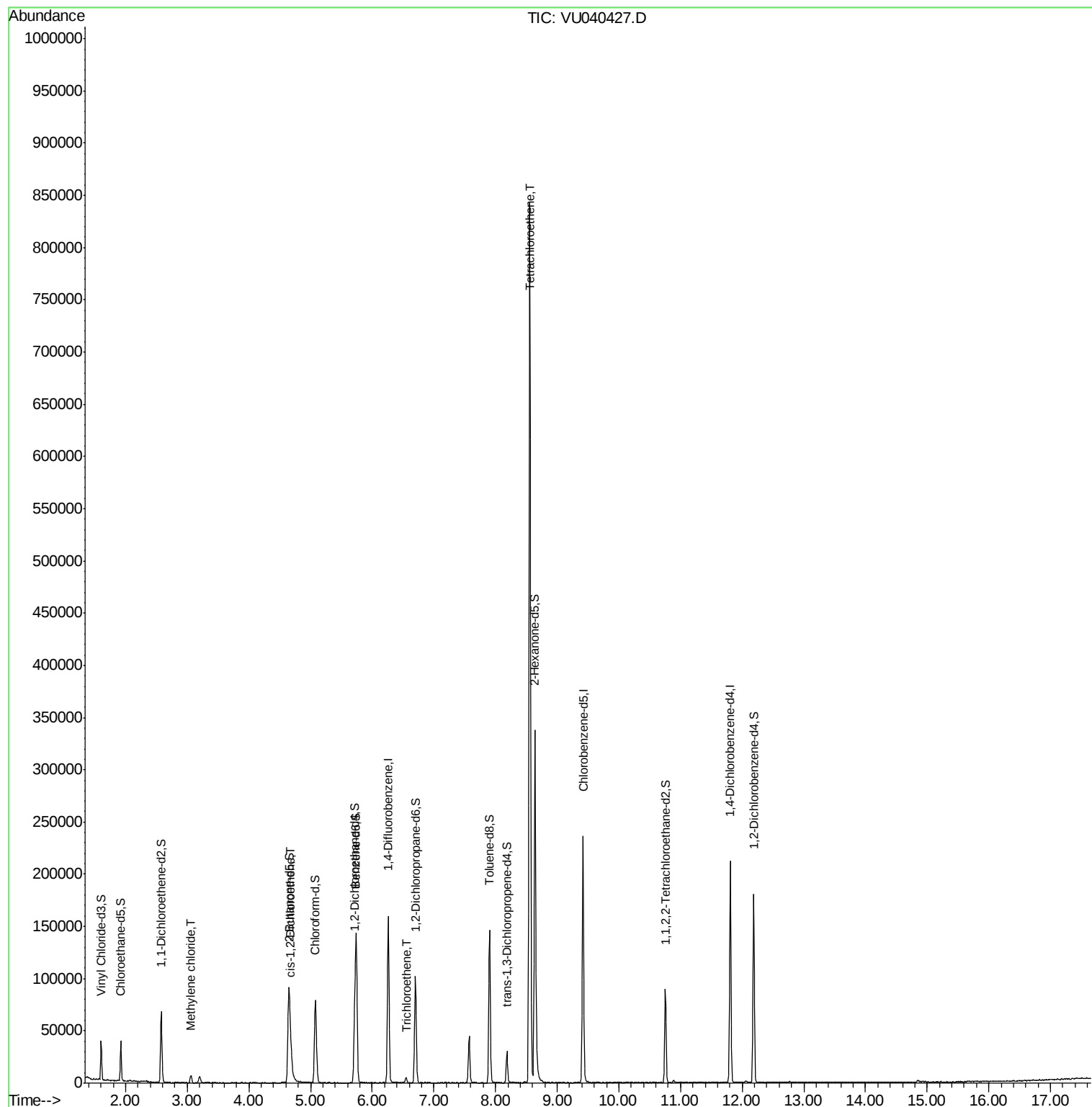
					Ovalue
16) Methylene chloride	3.06	84	3200	0.277 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	3100	0.294 ug/L	96
34) Trichloroethene	6.55	95	1777	0.163 ug/L	80
47) Tetrachloroethene	8.56	164	171556	22.185 ug/L	99

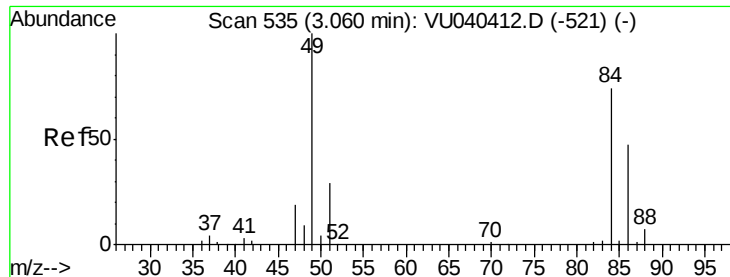
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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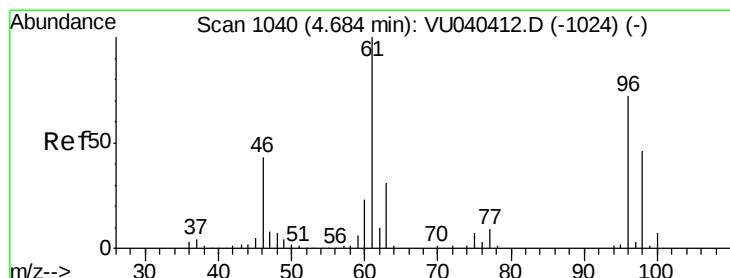
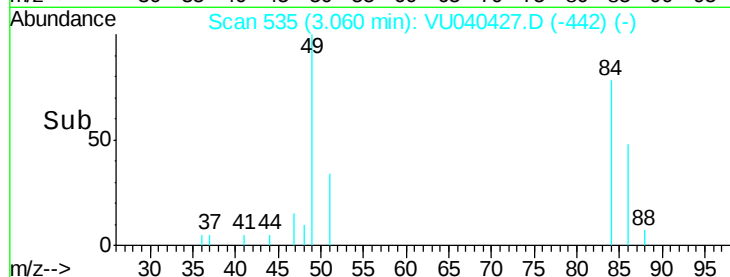
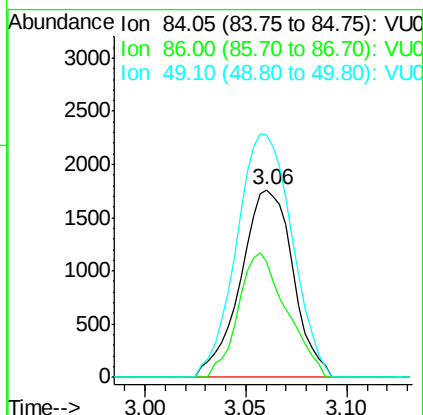
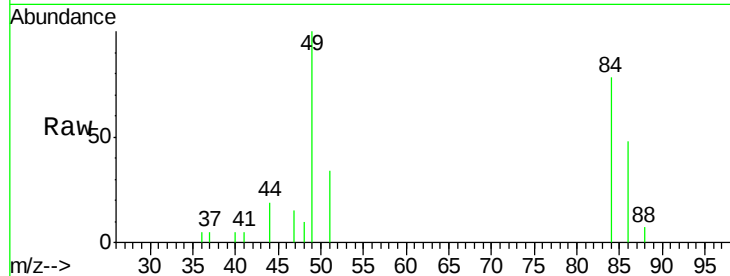




#16
Methylene chloride
Concen: 0.277 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040427.D
Acq: 01 Oct 2020 16:31

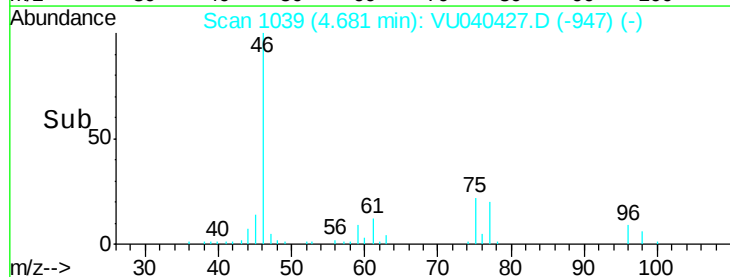
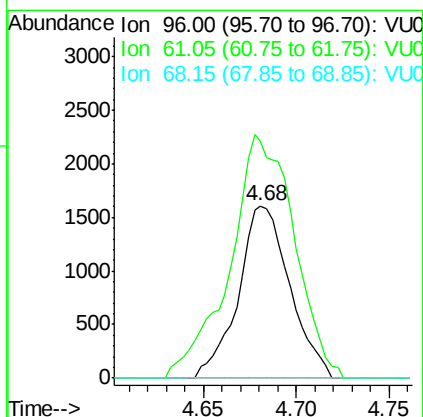
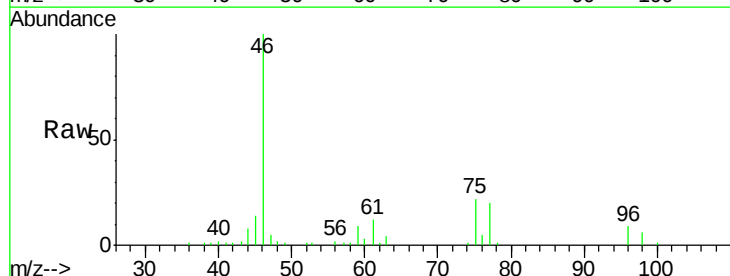
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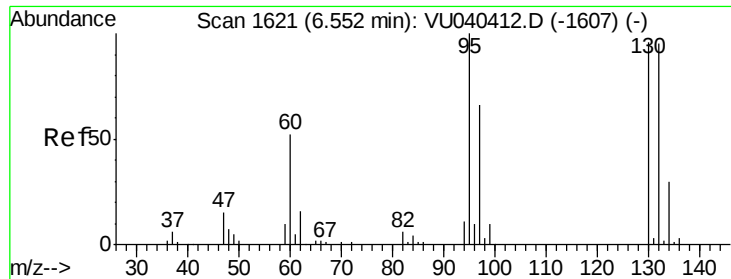
Tot Ion: 84 Resp: 3200
Ion Ratio Lower Upper
84 100
86 61.5 44.4 82.5
49 128.8 92.2 171.2



#22
cis-1,2-Dichloroethene
Concen: 0.294 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VU040427.D
Acq: 01 Oct 2020 16:31

Tgt Ion: 96 Resp: 3100
Ion Ratio Lower Upper
96 100
61 137.4 99.3 184.5
68 0.0 0.0 0.0

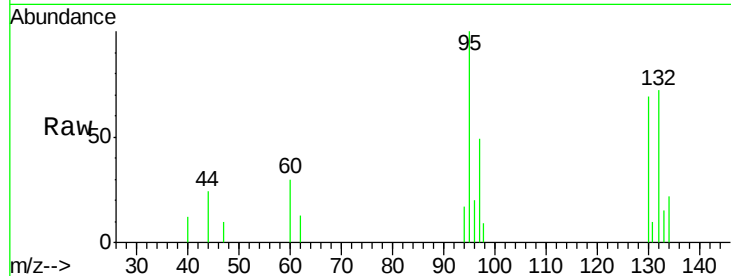




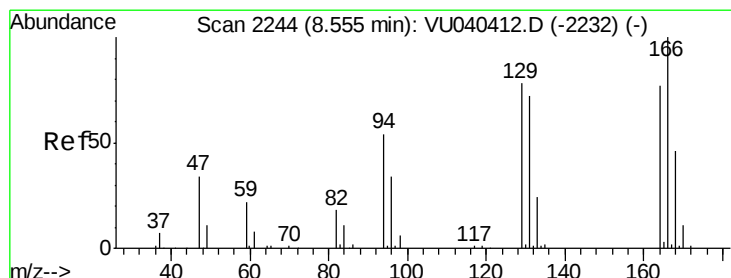
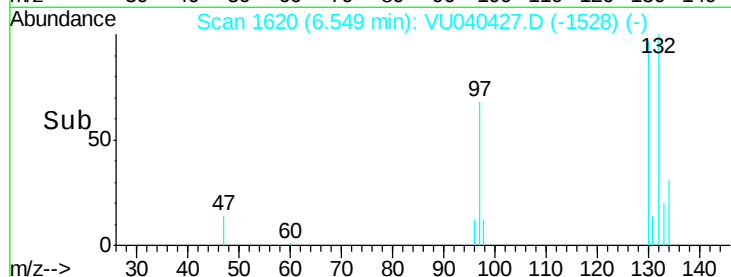
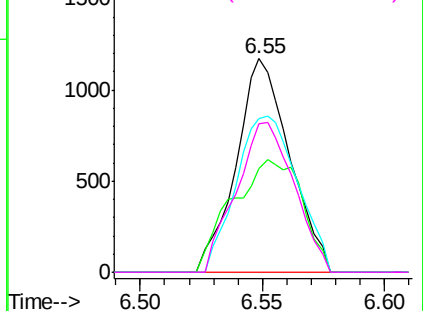
#34
 Trichloroethene
 Concen: 0.163 ug/L
 RT: 6.55 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VU040427.D
 Acq: 01 Oct 2020 16:31

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB4DL

Tot Ion: 95 Resp: 1777
 Ion Ratio Lower Upper
 95 100
 97 48.7 46.3 85.9
 132 71.8 60.5 112.3
 130 69.3 64.3 119.3

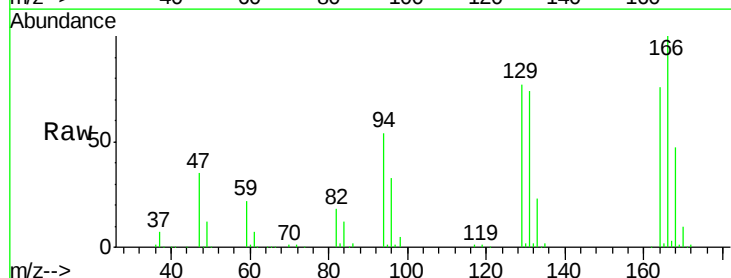


Abundance Ion 95.00 (94.70 to 95.70): VU040427.D (-1528) (-)
 Ion 96.95 (96.65 to 97.65): VU040427.D (-1528) (-)
 Ion 131.95 (131.65 to 132.65): VU040427.D (-1528) (-)
 Ion 129.95 (129.65 to 130.65): VU040427.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 22.185 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: VU040427.D
 Acq: 01 Oct 2020 16:31

Tgt Ion: 164 Resp: 171556
 Ion Ratio Lower Upper
 164 100
 129 100.5 70.3 130.7
 131 97.2 69.2 128.6
 166 131.1 91.1 169.3



Abundance Ion 163.90 (163.60 to 164.60): VU040427.D (-2151) (-)
 Ion 128.95 (128.65 to 129.65): VU040427.D (-2151) (-)
 Ion 130.95 (130.65 to 131.65): VU040427.D (-2151) (-)
 Ion 165.90 (165.60 to 166.60): VU040427.D (-2151) (-)

