

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042113.D
 Acq On : 20 Jan 2021 18:12
 Operator : SY/MD
 Sample : M1164-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXT5DL

Quant Time: Jan 21 04:25:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

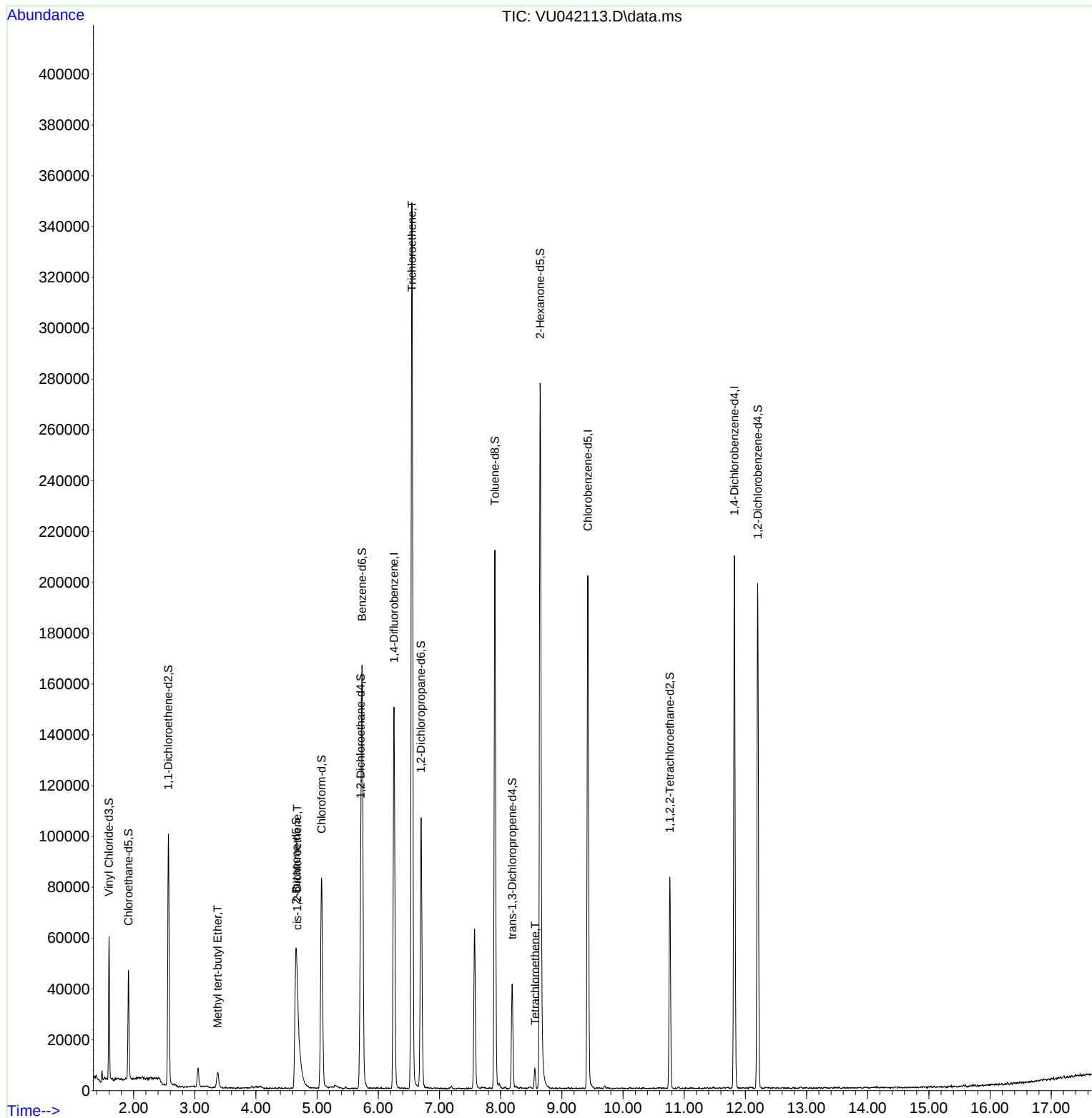
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	117306	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	109152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	54992	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35492	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.916	69	28787	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.568	63	60635	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.655	46	145358	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	5.073	84	76303	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.713	65	47262	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.735	84	144256	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.700	67	46670	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.906	98	131280	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloroprop...	8.189	79	22417	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.645	63	106059	52.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	40668	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	50933	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
17) Methyl tert-butyl Ether	3.375	73	6812	0.30	ug/L	# 84
22) cis-1,2-Dichloroethene	4.674	96	1973	0.22	ug/L	100
34) Trichloroethene	6.549	95	116355	13.43	ug/L	99
47) Tetrachloroethene	8.562	164	1602	0.22	ug/L	96

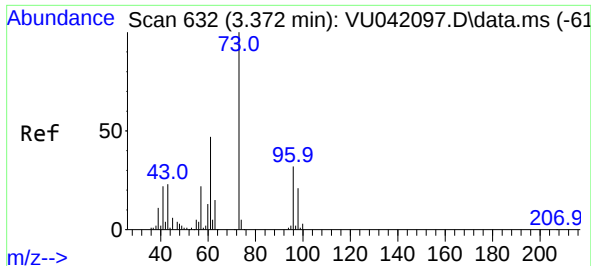
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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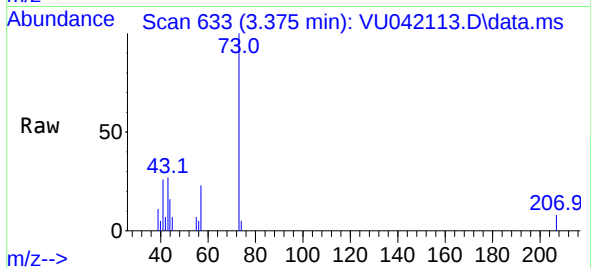
Quant Time: Jan 21 04:25:06 2021
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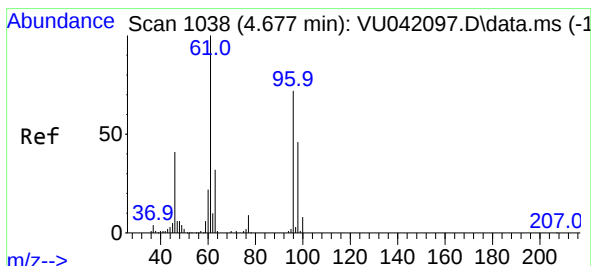
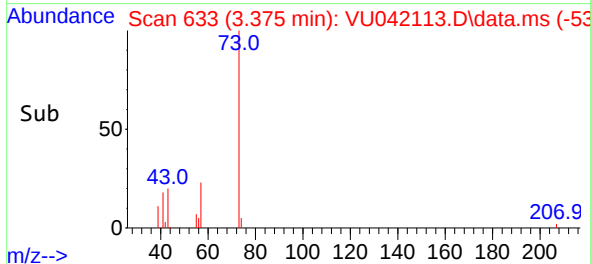
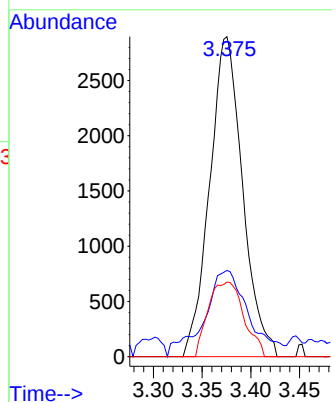


#17
Methyl tert-butyl Ether
Concen: 0.30 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

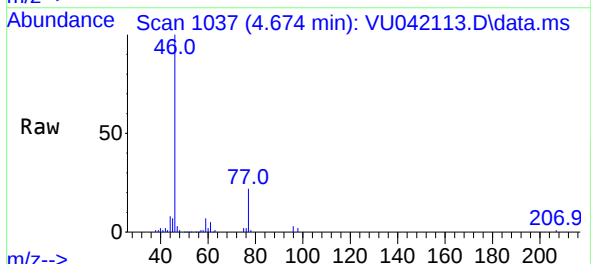
Instrument :
MSVOA_U
ClientSampleId :
BFXT5DL



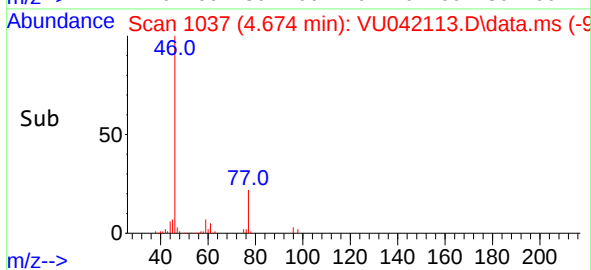
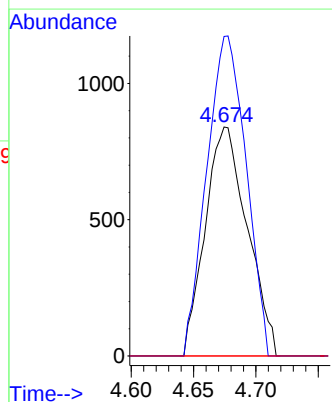
Tgt Ion: 73 Resp: 6812
Ion Ratio Lower Upper
73 100
43 36.6 18.9 28.3#
57 25.2 18.2 27.4

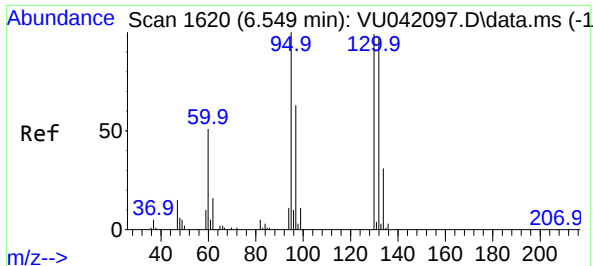


#22
cis-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12



Tgt Ion: 96 Resp: 1973
Ion Ratio Lower Upper
96 100
61 139.5 97.8 181.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 13.43 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU042113.D

Acq: 20 Jan 2021 18:12

Instrument :

MSVOA_U

ClientSampleId :

BFXT5DL

Tgt Ion: 95 Resp: 116355

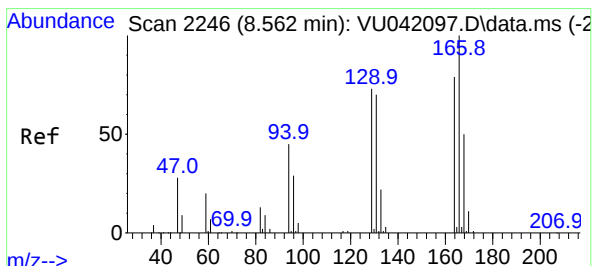
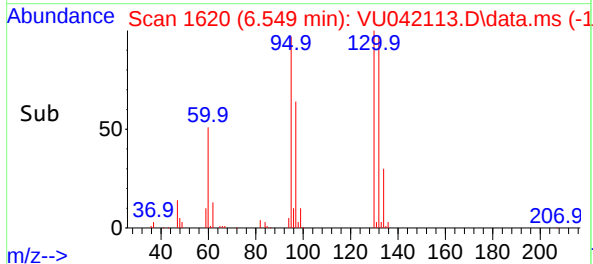
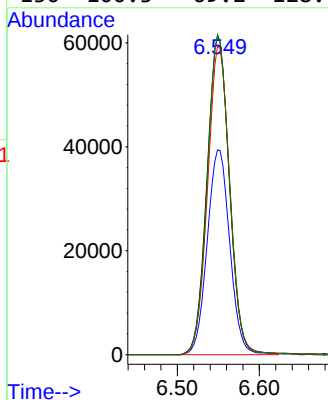
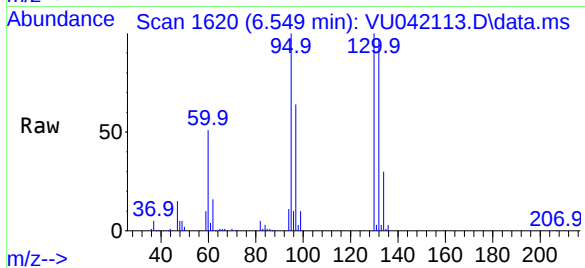
Ion Ratio Lower Upper

95 100

97 64.2 44.4 82.4

132 96.8 68.0 126.4

130 100.3 69.2 128.4



#47

Tetrachloroethene

Concen: 0.22 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU042113.D

Acq: 20 Jan 2021 18:12

Tgt Ion: 164 Resp: 1602

Ion Ratio Lower Upper

164 100

129 88.4 64.3 119.5

131 96.0 62.2 115.6

166 124.5 88.6 164.6

