

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021221\
 Data File : VU042313.D
 Acq On : 12 Feb 2021 14:40
 Operator : SY/MD
 Sample : M1406-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA4

Quant Time: Feb 12 21:48:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 12 21:47:42 2021
 Response via : Initial Calibration

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

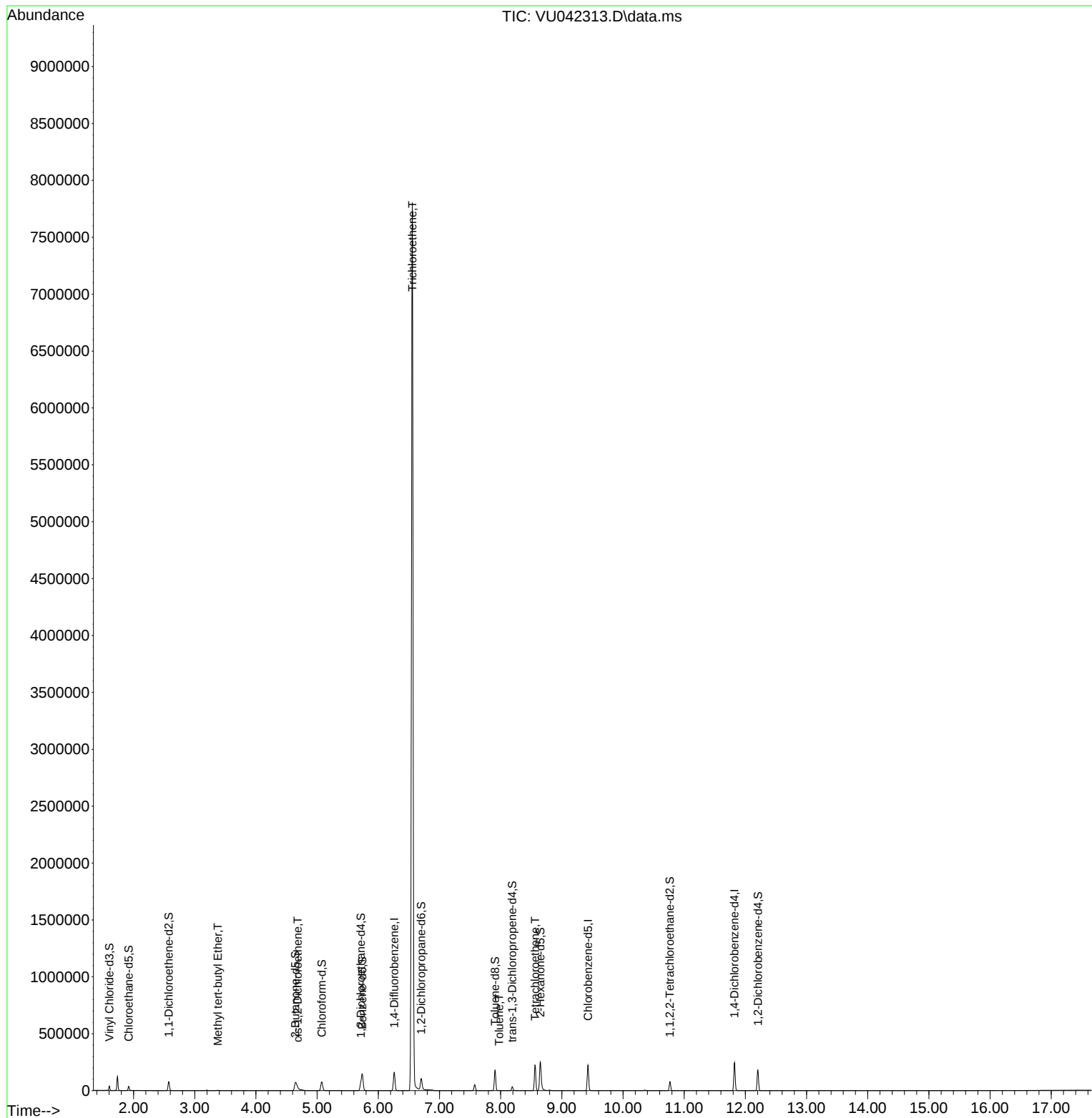
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	123215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	115453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	62705	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26775	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.919	69	24838	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.575	63	49955	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.645	46	139379	48.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.12%
24) Chloroform-d	5.076	84	69036	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.713	65	43786	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.739	84	123776	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.703	67	41936	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.909	98	113089	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloroprop...	8.189	79	17930	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.648	63	96084	44.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.54%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	37062	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.204	152	46525	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%
Target Compounds						
17) Methyl tert-butyl Ether	3.375	73	3423	0.14	ug/L	# 89
22) cis-1,2-Dichloroethene	4.681	96	1823	0.19	ug/L	68
34) Trichloroethene	6.555	95	2533977	276.57	ug/L	98
42) Toluene	7.976	91	1500	0.04	ug/L	88
47) Tetrachloroethene	8.562	164	47962	6.30	ug/L	98

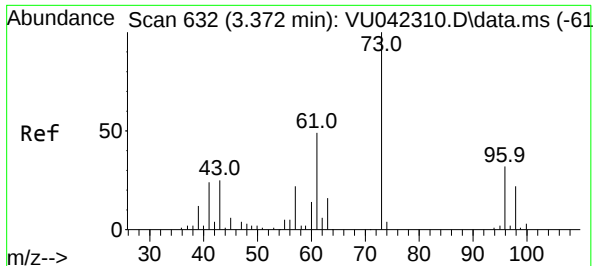
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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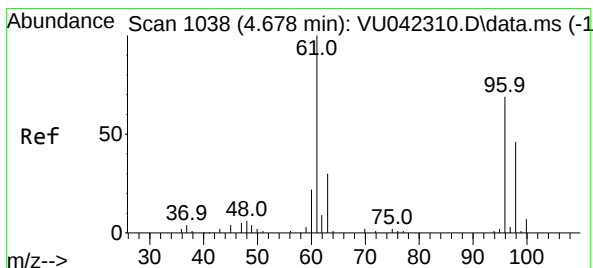
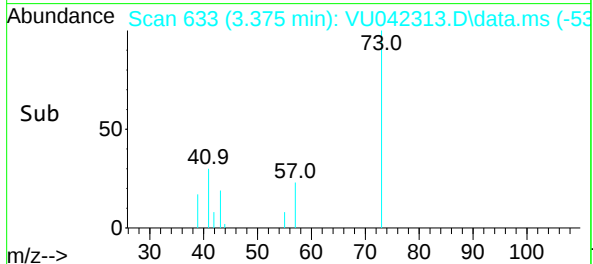
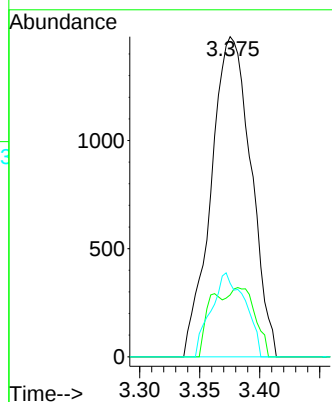
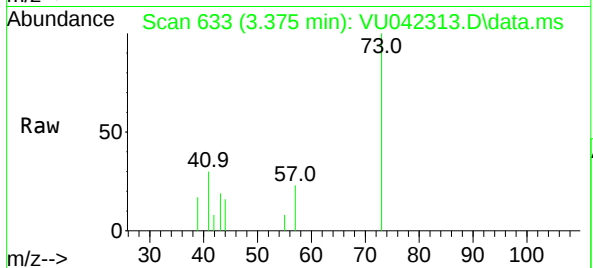


#17

Methyl tert-butyl Ether
Concen: 0.14 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042313.D
Acq: 12 Feb 2021 14:40

Instrument :
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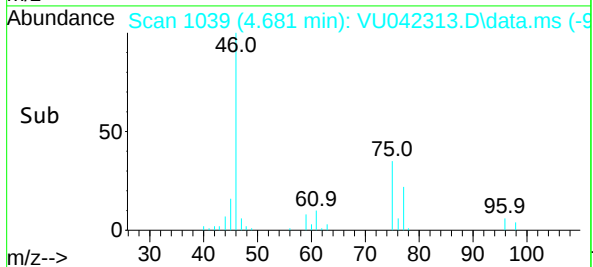
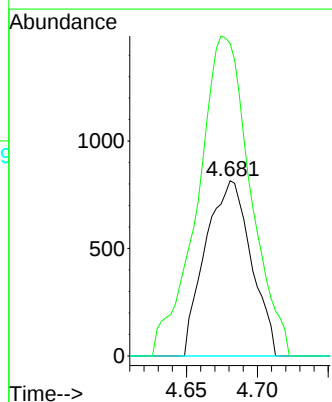
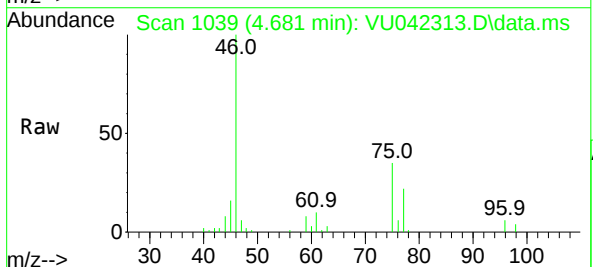
Tgt Ion: 73 Resp: 3423
Ion Ratio Lower Upper
73 100
43 13.7 18.9 28.3#
57 22.2 18.2 27.4

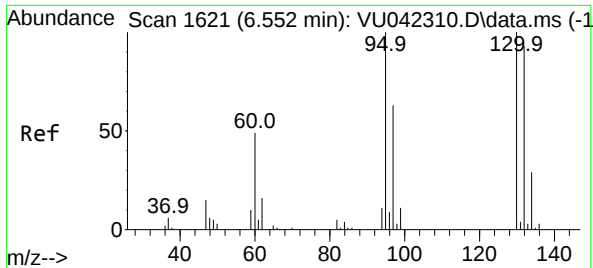


#22

cis-1,2-Dichloroethene
Concen: 0.19 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU042313.D
Acq: 12 Feb 2021 14:40

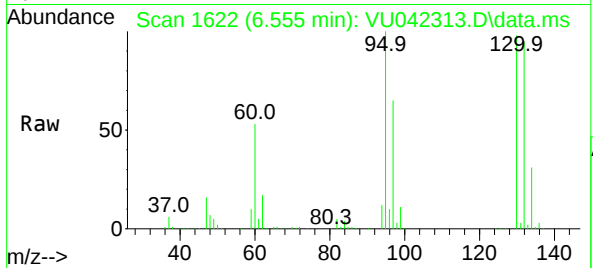
Tgt Ion: 96 Resp: 1823
Ion Ratio Lower Upper
96 100
61 178.4 97.8 181.6
68 0.0 0.0 0.0





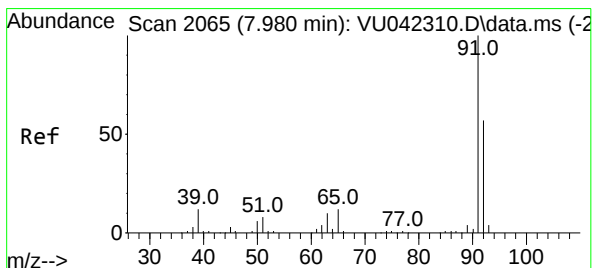
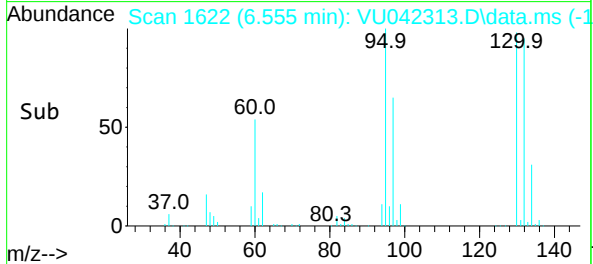
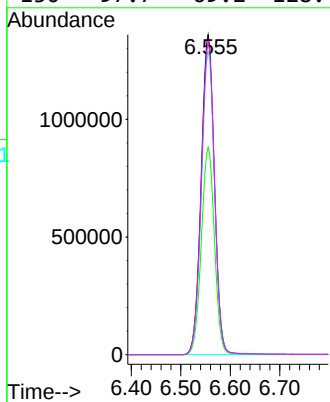
#34
Trichloroethene
Concen: 276.57 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.003 min
Lab File: VU042313.D
Acq: 12 Feb 2021 14:40

Instrument :
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Tgt Ion: 95 Resp: 2533977

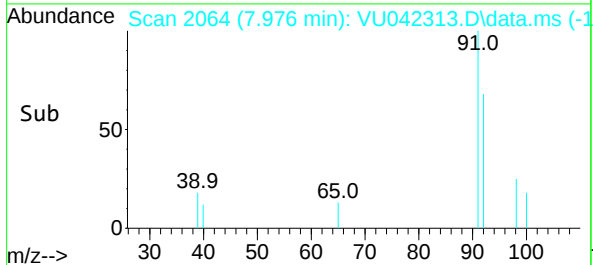
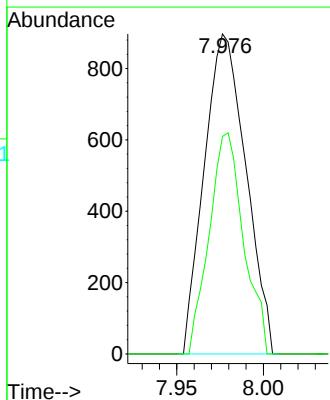
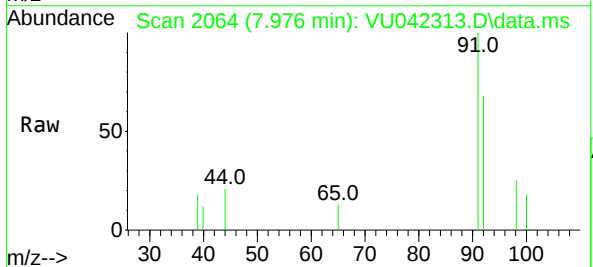
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.4	82.4
132	94.8	68.0	126.4
130	97.7	69.2	128.4

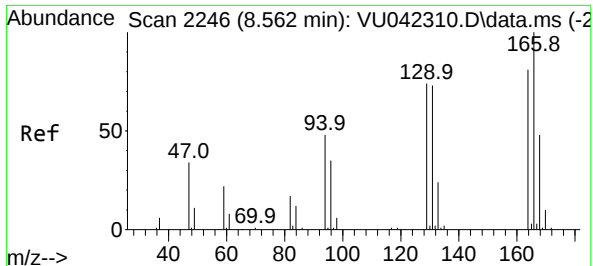


#42
Toluene
Concen: 0.04 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042313.D
Acq: 12 Feb 2021 14:40

Tgt Ion: 91 Resp: 1500

Ion	Ratio	Lower	Upper
91	100		
92	68.0	41.2	76.6





#47
Tetrachloroethene
Concen: 6.30 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042313.D
Acq: 12 Feb 2021 14:40

Instrument :
MSVOA_U
ClientSampleId :
BFTA4

Tgt Ion:164	Resp:	47962
Ion	Ratio	Lower Upper
164	100	
129	95.6	64.3 119.5
131	90.4	62.2 115.6
166	127.3	88.6 164.6

