

Data File : VU038121.D
Acq On : 12 May 2020 13:59
Operator : JC/MD
Sample : L2599-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSE5

Quant Time: May 13 01:48:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 01:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	401440	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	389400	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	187533	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	131657	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.93	69	120380	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	2.59	63	170248	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.68	46	488526	53.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.84%
24) Chloroform-d	5.10	84	225794	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.74	65	138373	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.76	84	490133	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.72	67	160750	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.92	98	426075	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.20	79	61721	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.65	63	391683	54.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	136689	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	159529	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

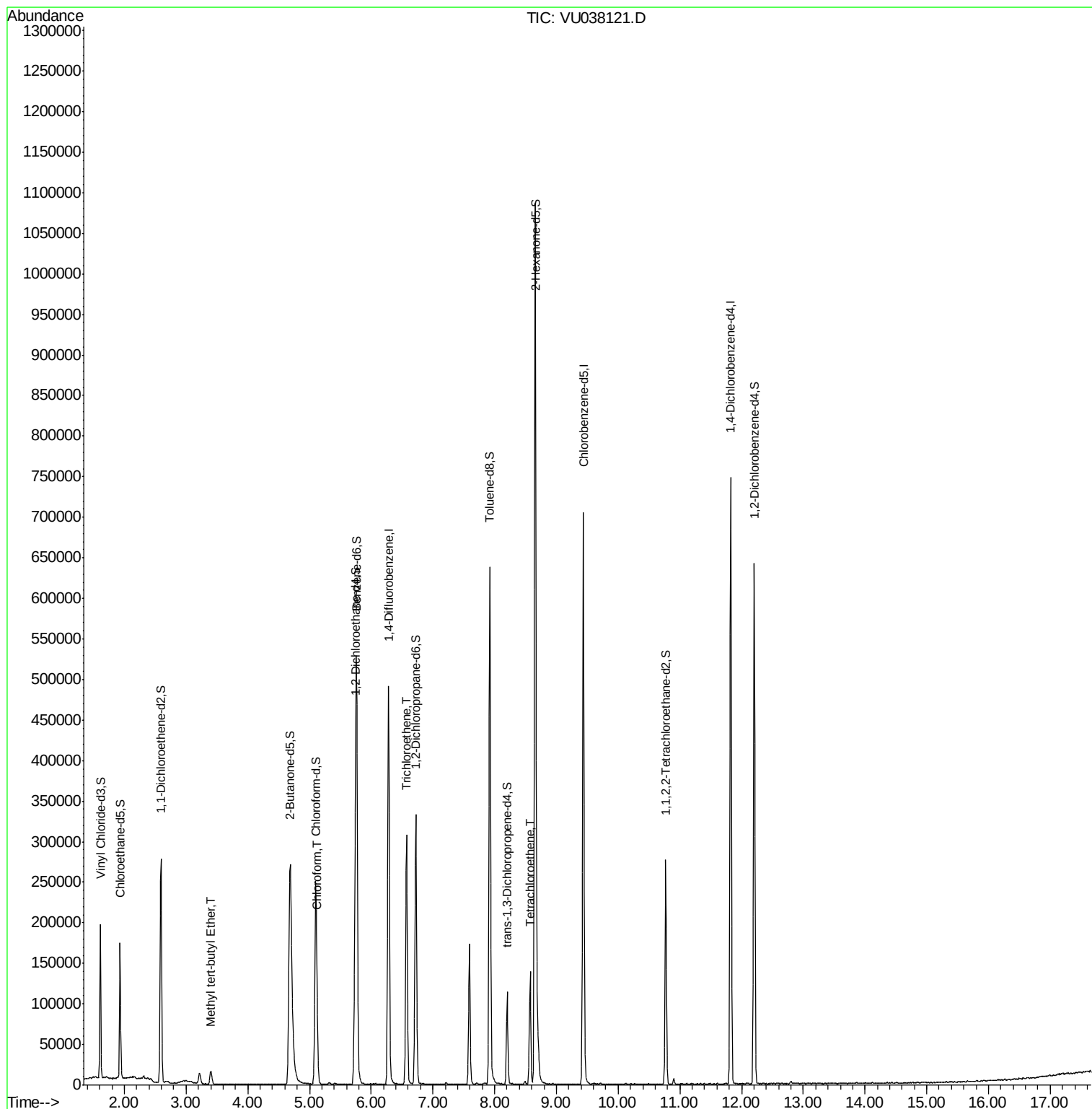
Target Compounds					Qvalue
17) Methyl tert-butyl Ether	3.40	73	18175	0.235 ug/L	99
25) Chloroform	5.13	83	28060	0.506 ug/L	99
34) Trichloroethene	6.57	95	106503	3.415 ug/L	98
47) Tetrachloroethene	8.57	164	30946	1.419 ug/L	98

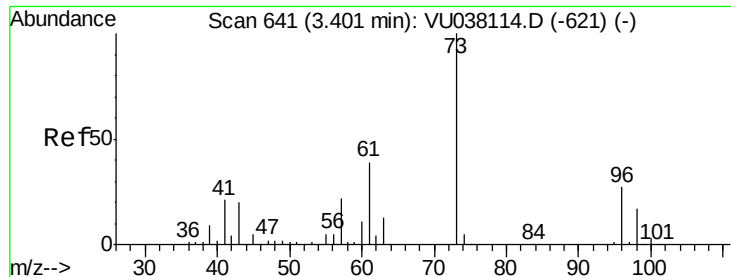
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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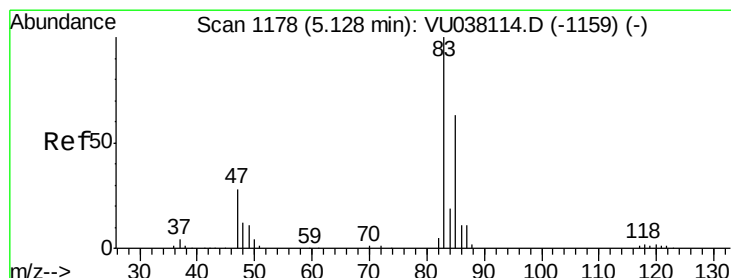
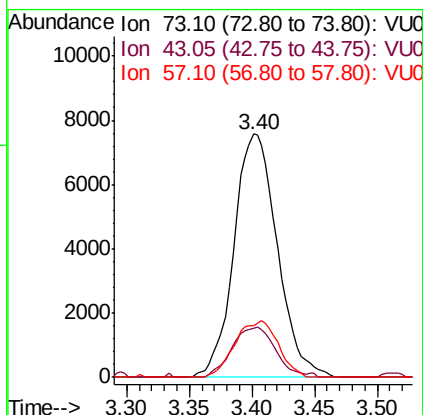
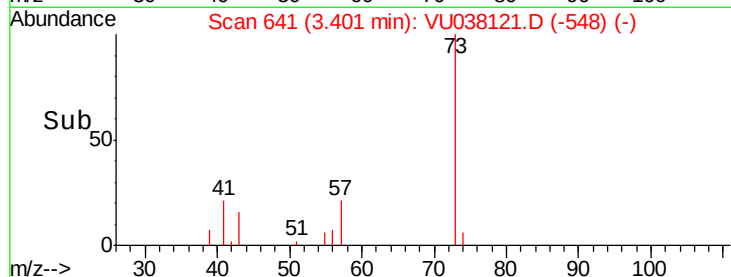
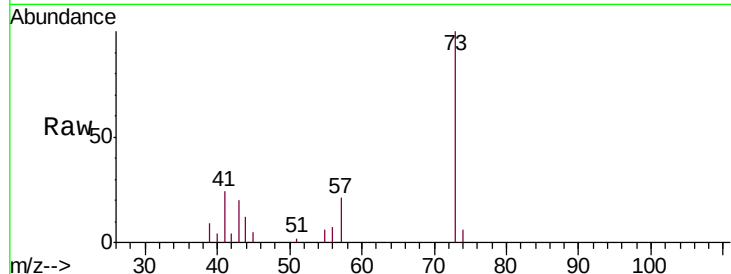




#17
Methyl tert-butyl Ether
Concen: 0.235 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU038121.D
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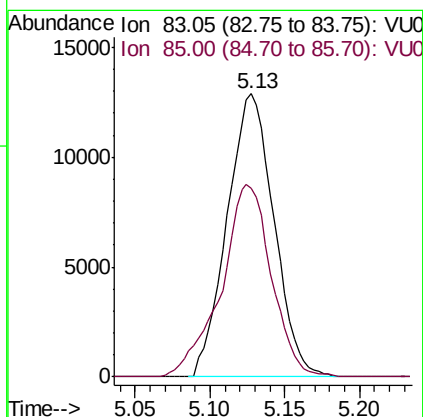
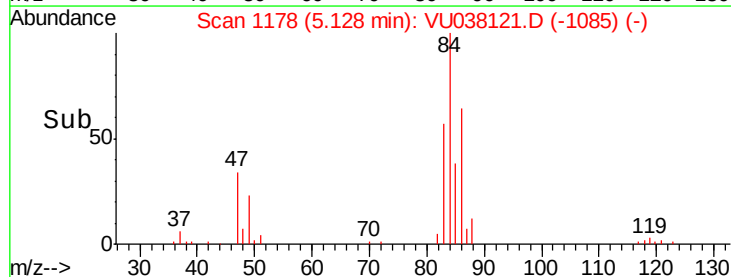
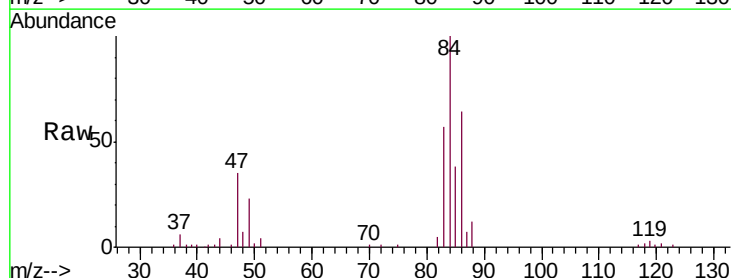
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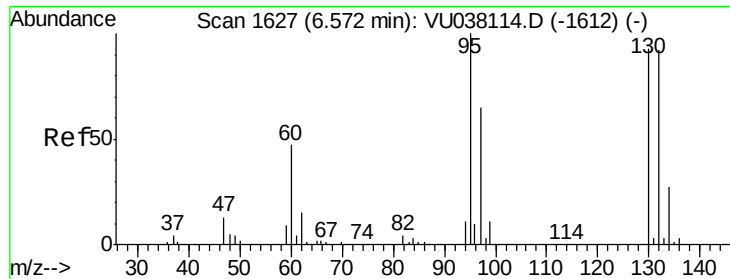
Tgt Ion: 73 Resp: 18175
Ion Ratio Lower Upper
73 100
43 20.9 16.9 25.3
57 23.2 18.2 27.2



#25
Chloroform
Concen: 0.506 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU038121.D
Acq: 12 May 2020 13:59

Tgt Ion: 83 Resp: 28060
Ion Ratio Lower Upper
83 100
85 66.6 46.2 85.8





#34

Trichloroethene

Concen: 3.415 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038121.D

Acq: 12 May 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

BFSE5

Tgt Ion: 95 Resp: 106503

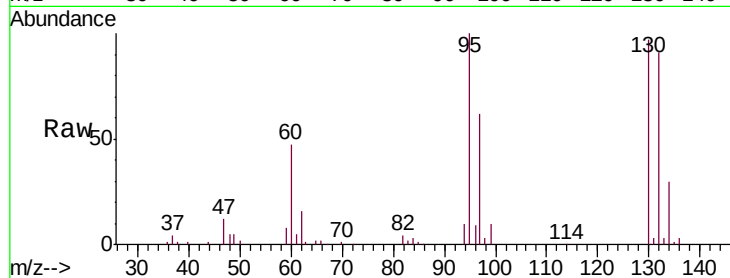
Ion Ratio Lower Upper

95 100

97 61.7 44.9 83.3

132 91.0 63.3 117.5

130 96.9 65.7 122.1

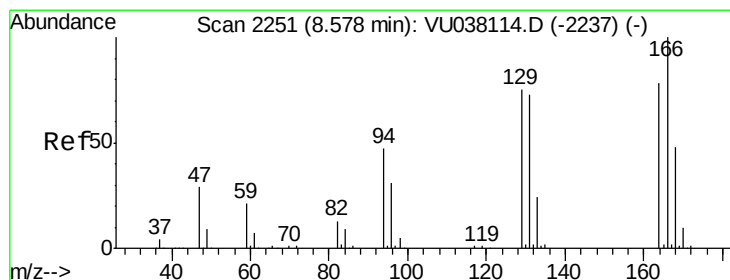
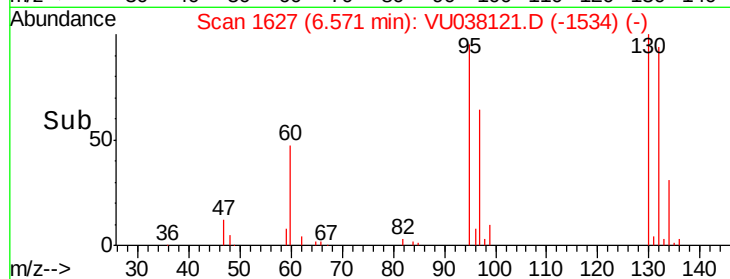
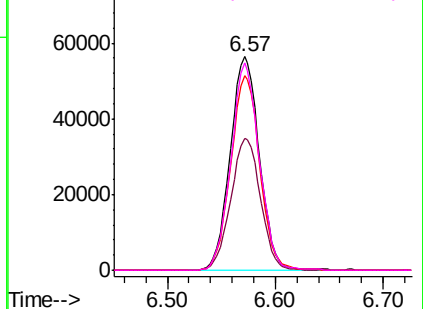


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.419 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 30946

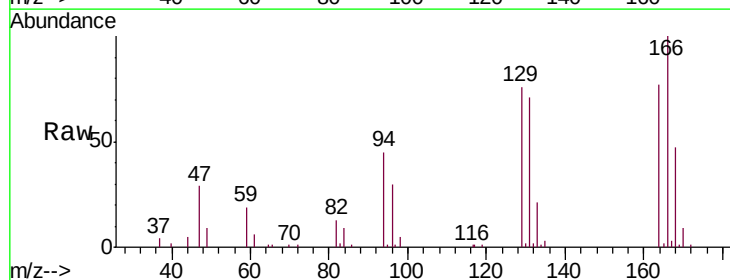
Ion Ratio Lower Upper

164 100

129 97.8 68.8 127.8

131 92.3 66.8 124.2

166 129.5 88.9 165.1



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

