

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038534.D
 Acq On : 03 Jun 2020 23:12
 Operator : SY/MD
 Sample : L2872-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFEP0

Quant Time: Jun 04 04:55:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 01:48:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	284401	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	287815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137131	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52980	2.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.60%
7) Chloroethane-d5	1.93	69	57239	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.59	63	94778	2.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.40%#
20) 2-Butanone-d5	4.67	46	348686	62.36	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.72%
24) Chloroform-d	5.10	84	169878	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.74	65	106359	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.76	84	327680	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.72	67	108243	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	270032	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.20	79	42801	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.65	63	296008	63.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104058	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	122147	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

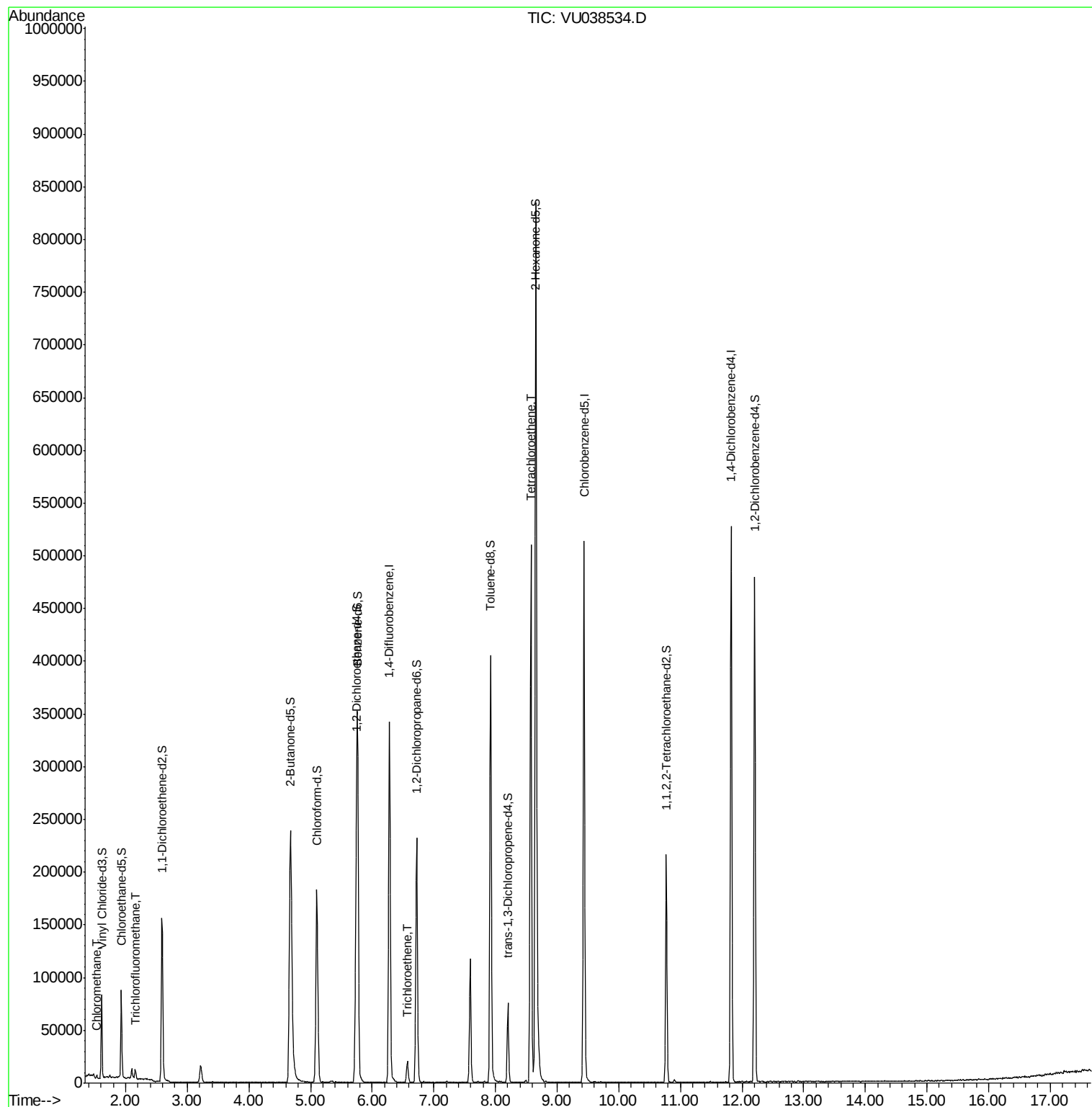
					Ovalue
3) Chloromethane	1.53	50	2060	0.100 ug/L	89
9) Trichlorofluoromethane	2.16	101	5287	0.181 ug/L	97
34) Trichloroethene	6.57	95	5832	0.280 ug/L	92
47) Tetrachloroethene	8.57	164	112252	7.417 ug/L	91

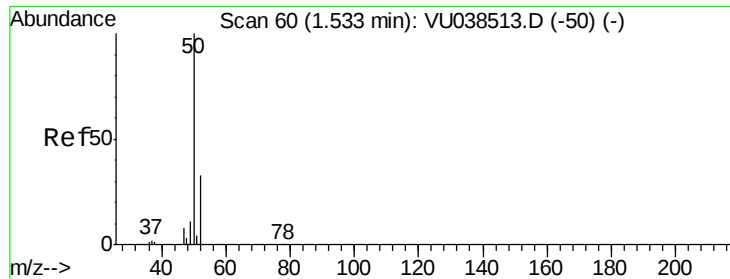
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.100 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU038534.D

Acq: 03 Jun 2020 23:12

Instrument :

MSVOA_U

ClientSampleId :

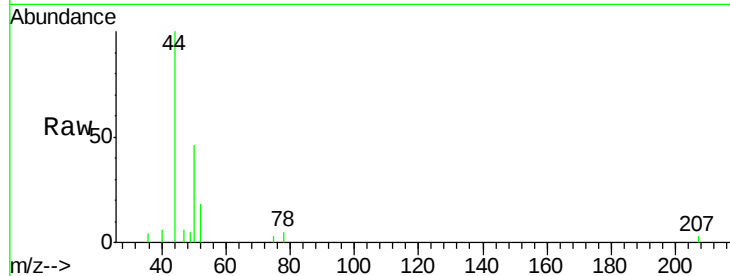
BFEP0

Tot Ion: 50 Resp: 2060

Ion Ratio Lower Upper

50 100

52 38.7 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU038513.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU038513.D (-50) (-)

1.53

1500

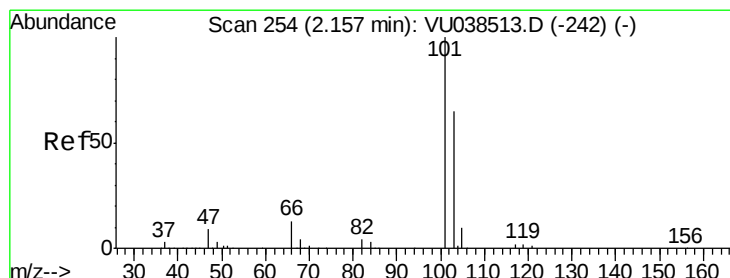
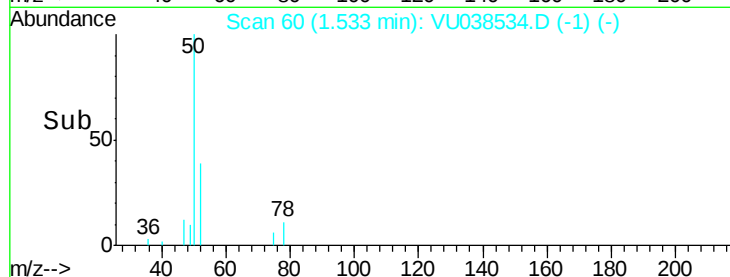
1000

500

0

1.50 1.52 1.54 1.56 1.58

Time-->



#9

Trichlorofluoromethane

Concen: 0.181 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU038534.D

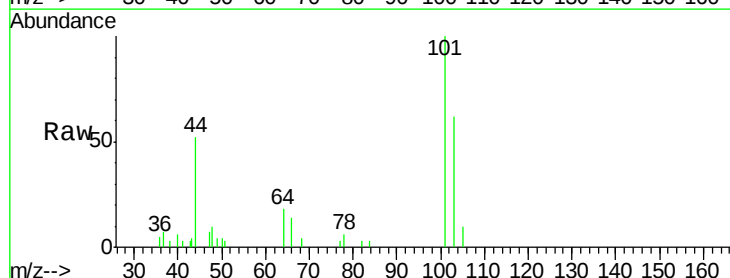
Acq: 03 Jun 2020 23:12

Tgt Ion: 101 Resp: 5287

Ion Ratio Lower Upper

101 100

103 66.3 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): VU038513.D (-242) (-)

Ion 103.00 (102.70 to 103.70): VU038513.D (-242) (-)

2.16

4000

3000

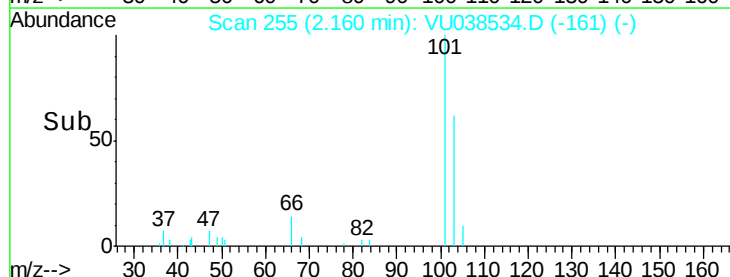
2000

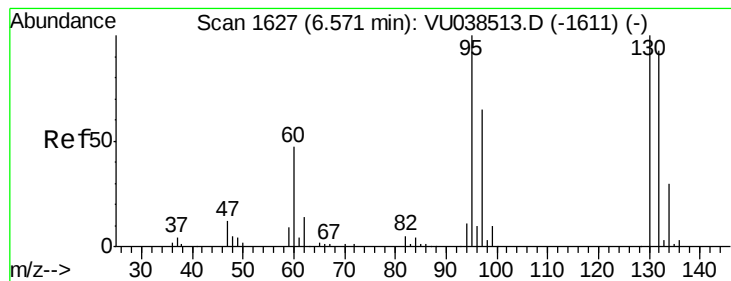
1000

0

2.10 2.15 2.20

Time-->





#34

Trichloroethene

Concen: 0.280 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038534.D

Acq: 03 Jun 2020 23:12

Instrument :

MSVOA_U

ClientSampleId :

BFEP0

Tot Ion: 95 Resp: 5832

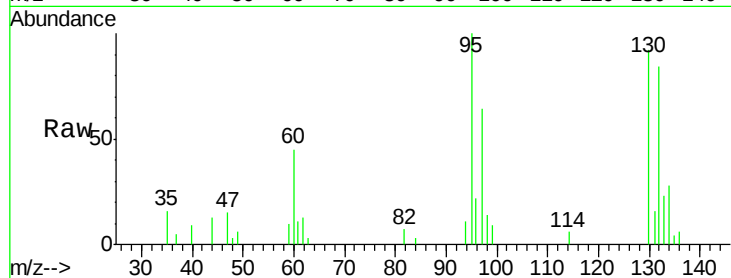
Ion Ratio Lower Upper

95 100

97 63.9 46.8 87.0

132 84.4 66.1 122.7

130 91.8 70.0 130.0

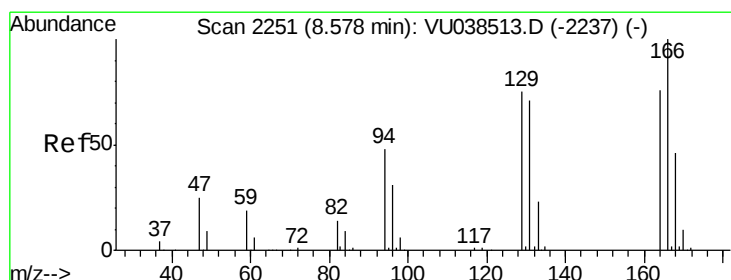
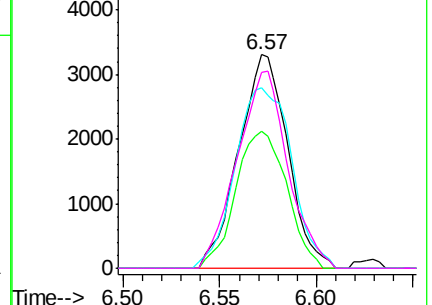
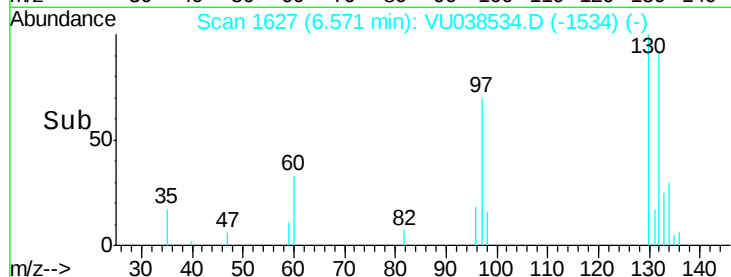


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.417 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038534.D

Acq: 03 Jun 2020 23:12

Tgt Ion: 164 Resp: 112252

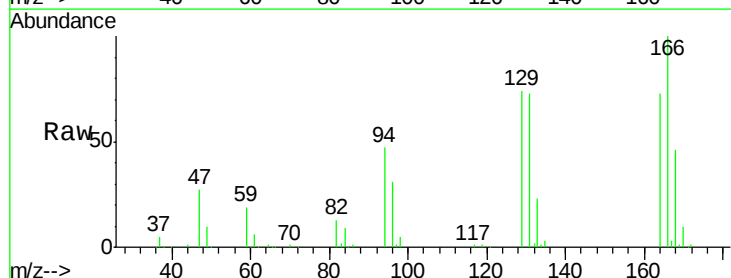
Ion Ratio Lower Upper

164 100

129 101.2 67.4 125.2

131 99.0 64.1 119.1

166 136.4 85.7 159.1



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

