

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038449.D
 Acq On : 31 May 2020 05:51
 Operator : JC/MD
 Sample : L2788-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB5

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 4:21:44 PM

Quant Time: Jun 01 08:07:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	314886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99932	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.93	69	83919	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.59	63	145665	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.68	46	384286	62.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.14%
24) Chloroform-d	5.10	84	199290	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	121388	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.76	84	402520	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.72	67	124196	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.92	98	333439	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	50113	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.65	63	320276	63.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110658	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	138105	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	8435m	2.082	ug/L	
19) 1,1-Dichloroethane	3.91	63	6475	0.173	ug/L	94
34) Trichloroethene	6.57	95	7768	0.345	ug/L	97
47) Tetrachloroethene	8.57	164	5461	0.334	ug/L	90

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

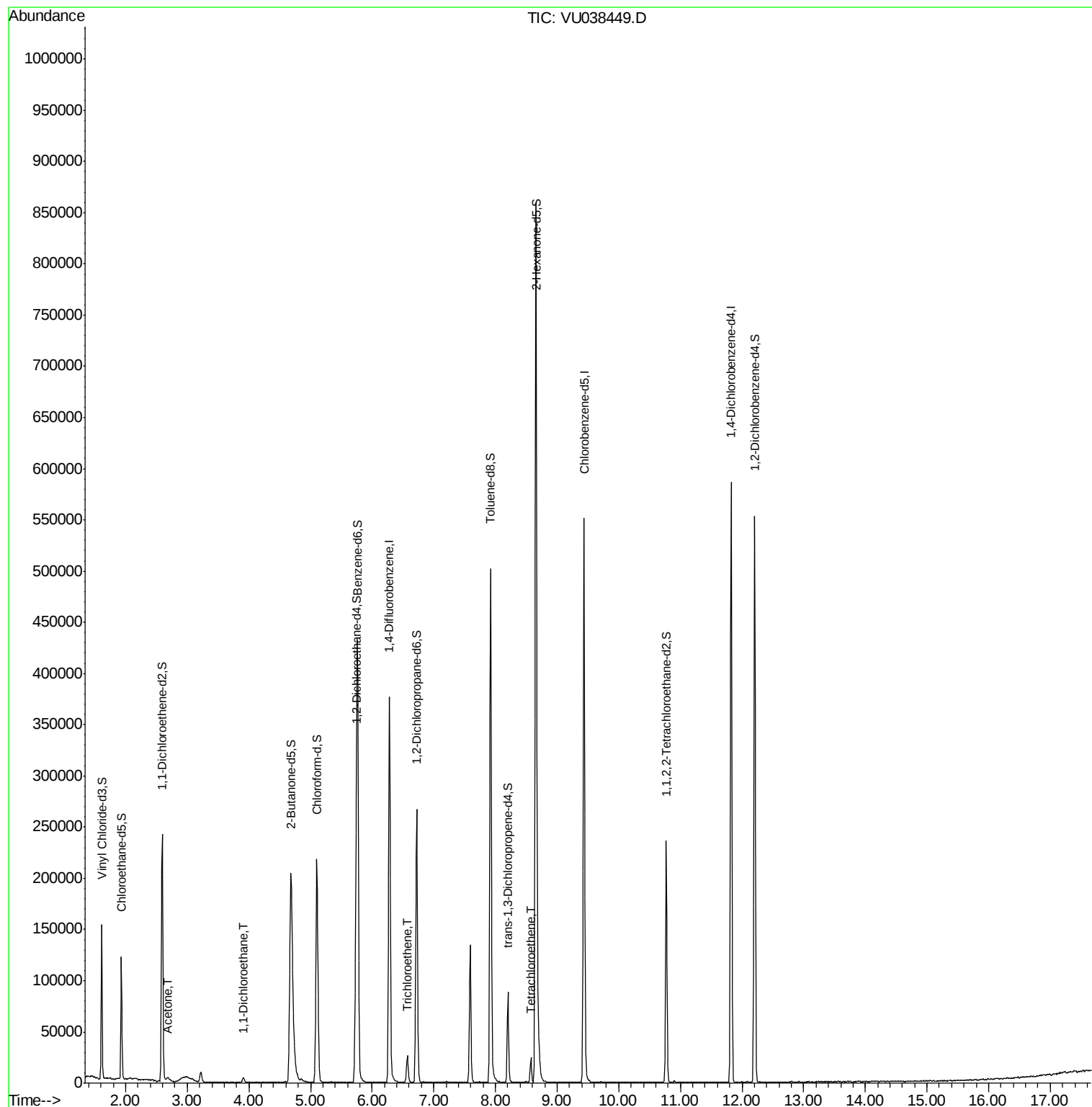
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU053120\
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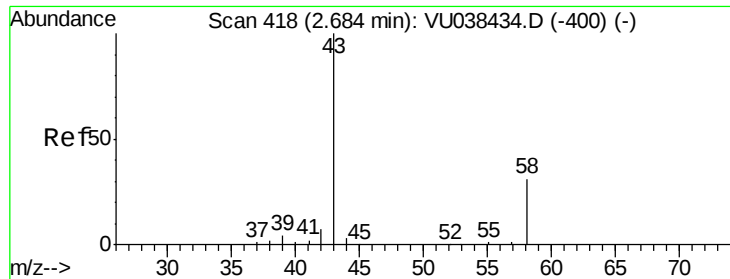
Instrument :
MSVOA_U
ClientSampleId :
BFXB5

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Quant Time: Jun 01 08:07:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 06:27:31 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.082 ug/L m

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU038449.D

Acq: 31 May 2020 05:51

Instrument :

MSVOA_U

ClientSampled :

BFXB5

Tot Ion: 43 Resp: 8435

Ion Ratio Lower Upper

43 100

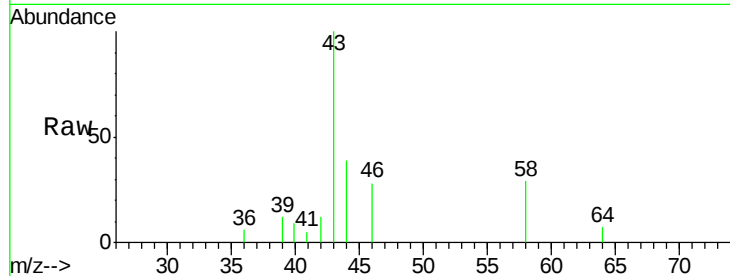
58 13.1 0.0 65.6

Manual Integrations

APPROVED

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6/1/2020 4:21:44 PM



Abundance Ion 43.05 (42.75 to 43.75): VU038434.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038434.D (-400) (-)

2500

2000

1500

1000

500

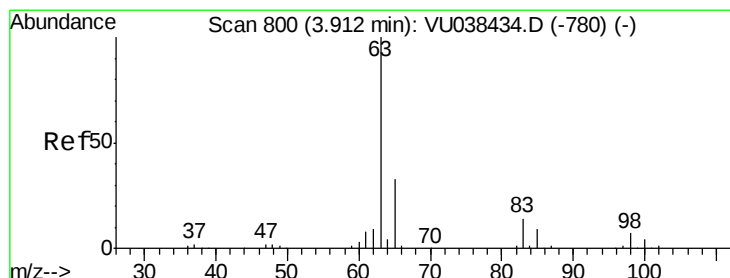
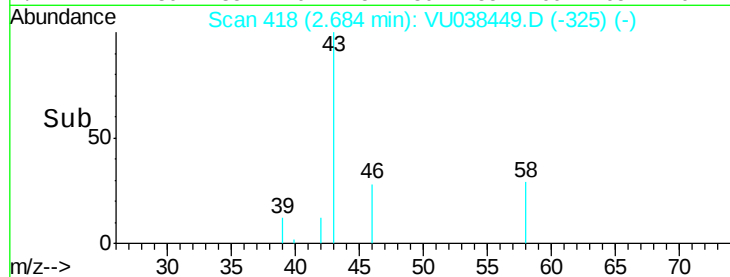
0

2.60

2.70

2.80

Time-->



#19

1,1-Dichloroethane

Concen: 0.173 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

Lab File: VU038449.D

Acq: 31 May 2020 05:51

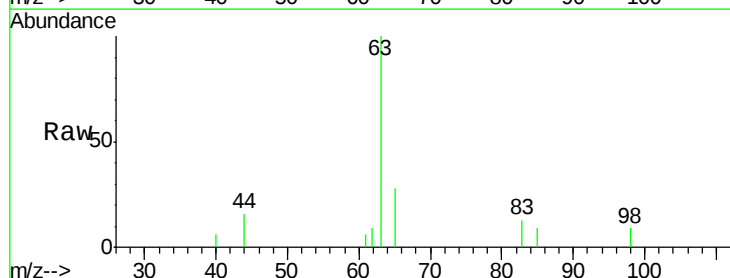
Tgt Ion: 63 Resp: 6475

Ion Ratio Lower Upper

63 100

65 28.4 22.3 41.5

83 12.8 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VU038449.D (-707) (-)

Ion 65.10 (64.80 to 65.80): VU038449.D (-707) (-)

Ion 83.05 (82.75 to 83.75): VU038449.D (-707) (-)

3000

2000

1000

0

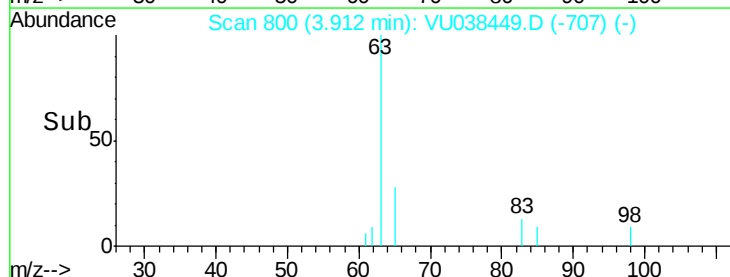
3.85

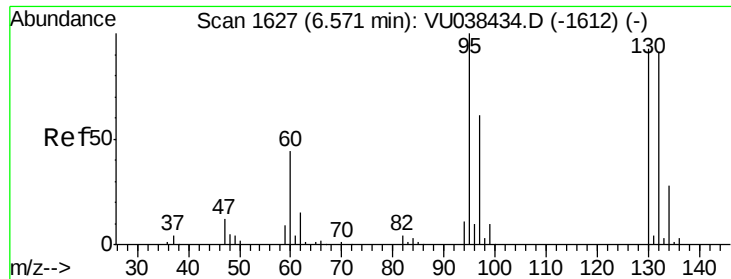
3.90

3.95

4.00

Time-->





#34

Trichloroethene

Concen: 0.345 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038449.D

Acq: 31 May 2020 05:51

Instrument :

MSVOA_U

ClientSampleId :

BFXB5

Tot Ion: 95 Resp: 7768

Ion Ratio Lower Upper

95 100

97 62.9 46.8 87.0

132 95.0 66.1 122.7

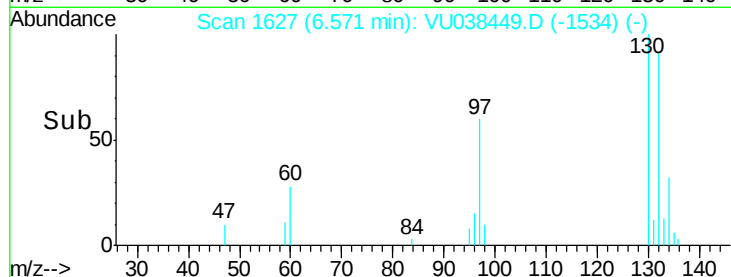
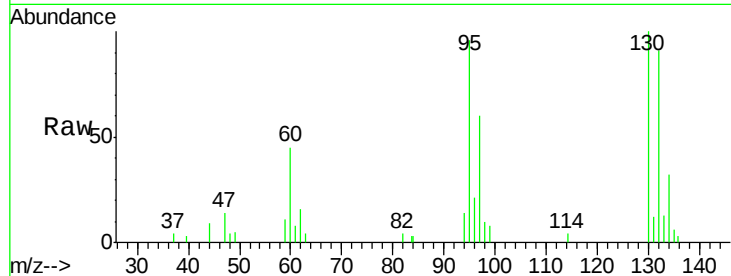
130 104.0 70.0 130.0

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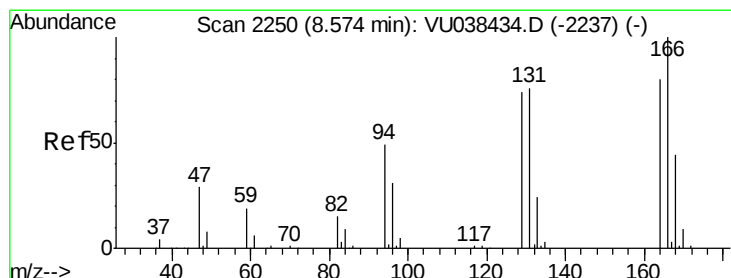
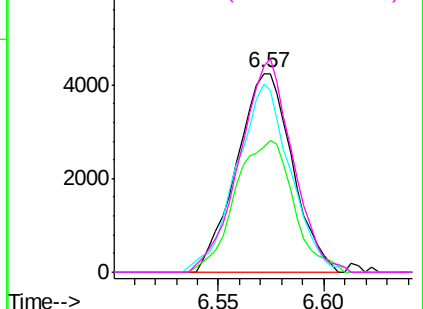


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.334 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038449.D

Acq: 31 May 2020 05:51

Tgt Ion: 164 Resp: 5461

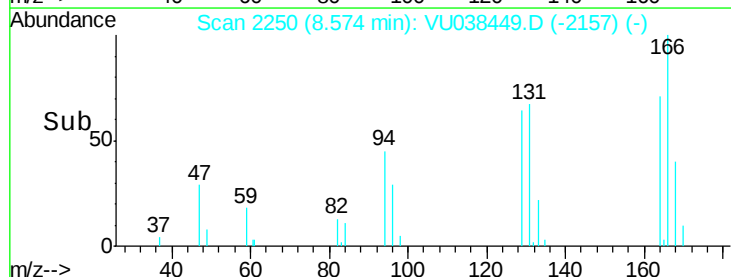
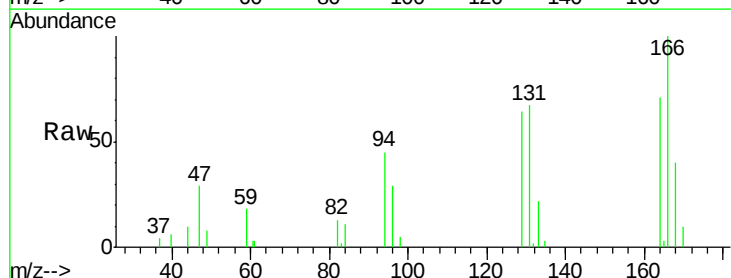
Ion Ratio Lower Upper

164 100

129 90.3 67.4 125.2

131 95.1 64.1 119.1

166 140.9 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

