

Data File : VU026555.D
Acq On : 05 Sep 2018 20:29
Operator : MD/SY
Sample : J4694-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE23

Quant Time: Sep 06 06:01:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 05:59:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	159120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63235	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41704	42.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.60%
7) Chloroethane-d5	1.68	69	39955	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.74%
11) 1,1-Dichloroethene-d2	2.27	63	63356	28.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.08%#
21) 2-Butanone-d5	4.18	46	83659	109.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.33%
24) Chloroform-d	4.65	84	89431	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
26) 1,2-Dichloroethane-d4	5.31	65	62395	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
32) Benzene-d6	5.34	84	176058	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
36) 1,2-Dichloropropane-d6	6.33	67	61729	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.58%
41) Toluene-d8	7.57	98	155649	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.85	79	23015	42.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.38%
47) 2-Hexanone-d5	8.31	63	58888	108.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86815	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	61261	53.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

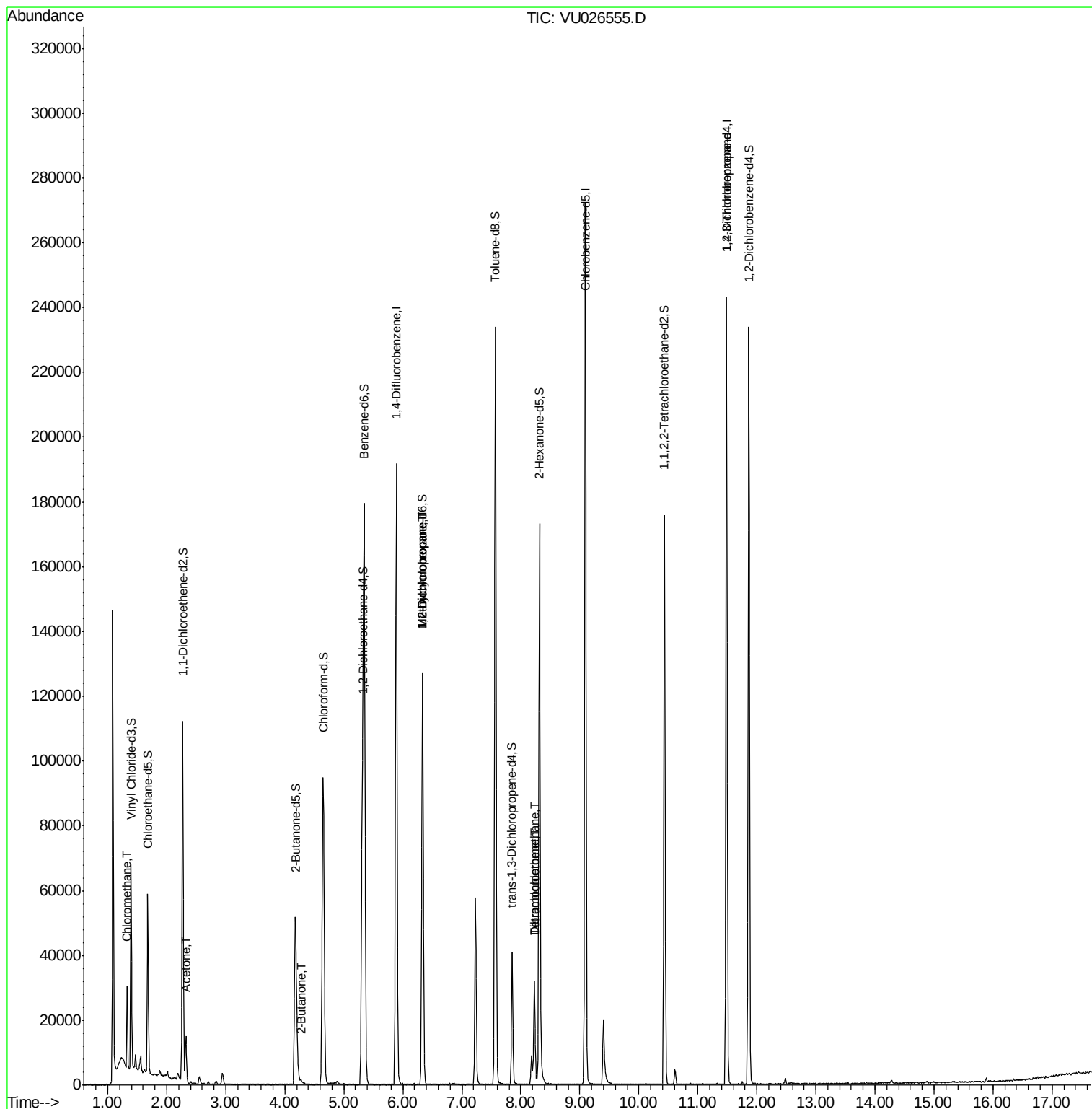
					Qvalue
3) Chloromethane	1.33	50	16444	10.734	ug/L 99
13) Acetone	2.32	43	14986	22.618	ug/L 100
22) 2-Butanone	4.27	43	1323	1.486	ug/L # 60
35) Methylcyclohexane	6.33	83	13722	8.196	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	6660	5.628	ug/L # 88
46) Tetrachloroethene	8.23	164	7166	8.174	ug/L 93
49) Dibromochloromethane	8.23	129	6202	5.077	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	7234	4.899	ug/L # 88

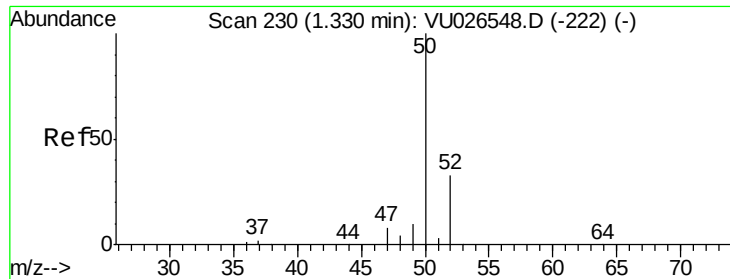
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 10.734 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

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Acq: 05 Sep 2018 20:29

Instrument :

MSVOA_U

ClientSampleId :

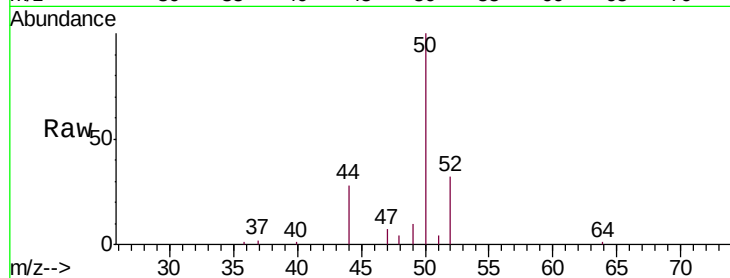
BEE23

Tgt Ion: 50 Resp: 16444

Ion Ratio Lower Upper

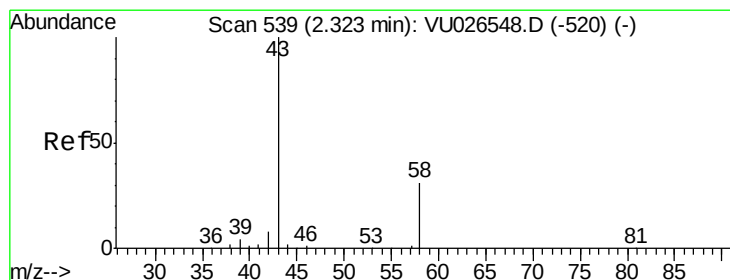
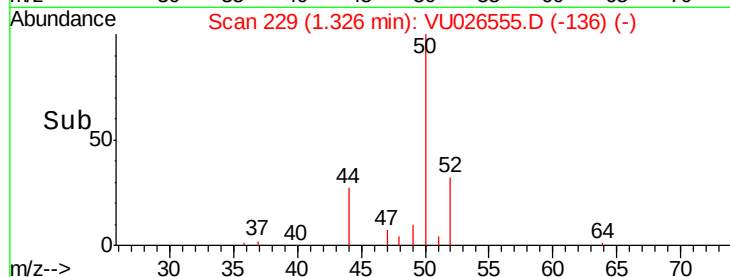
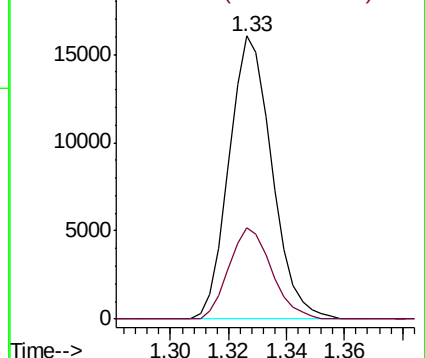
50 100

52 32.1 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 22.618 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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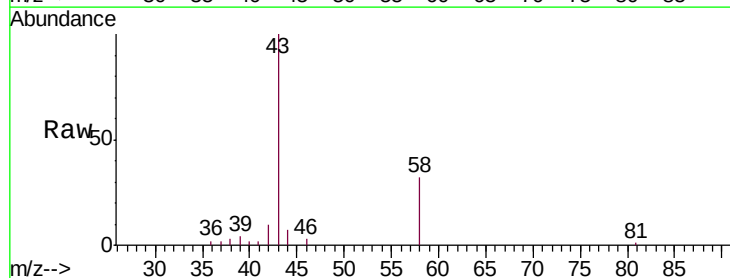
Acq: 05 Sep 2018 20:29

Tgt Ion: 43 Resp: 14986

Ion Ratio Lower Upper

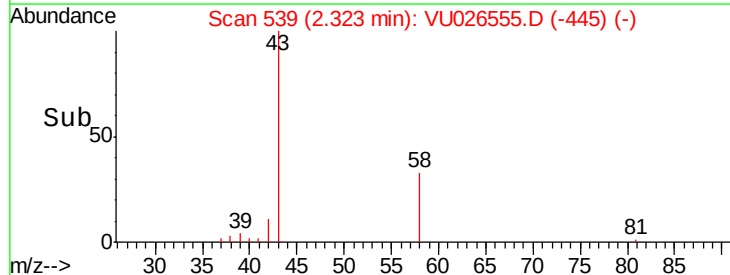
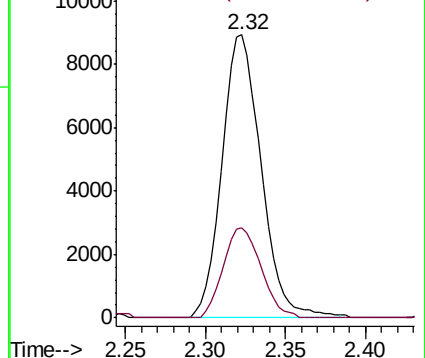
43 100

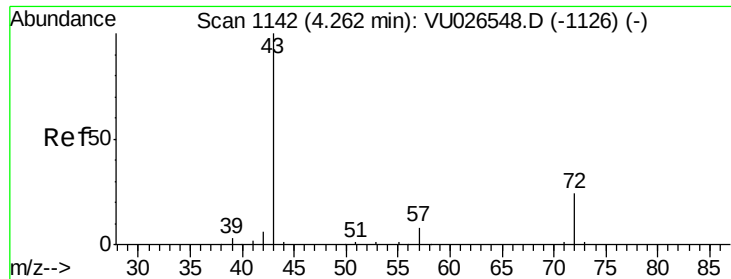
58 30.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#22

2-Butanone

Concen: 1.486 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

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Acq: 05 Sep 2018 20:29

Instrument :

MSVOA_U

ClientSampleId :

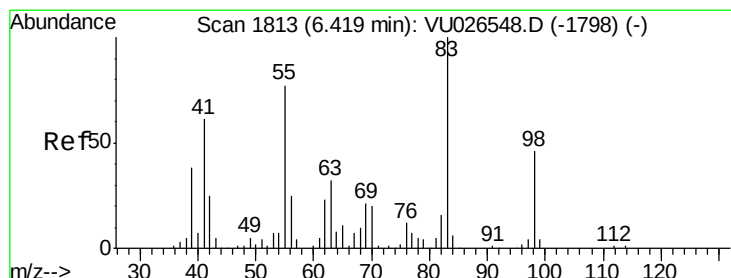
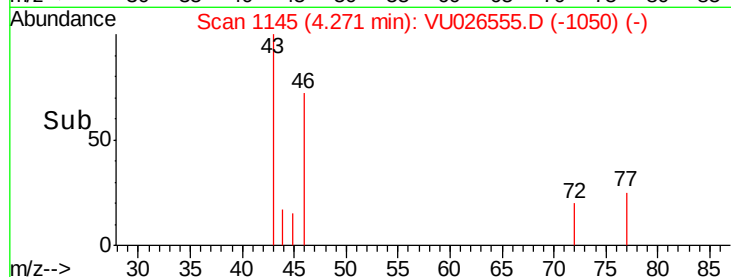
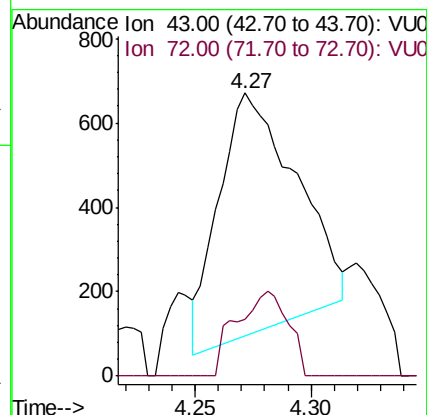
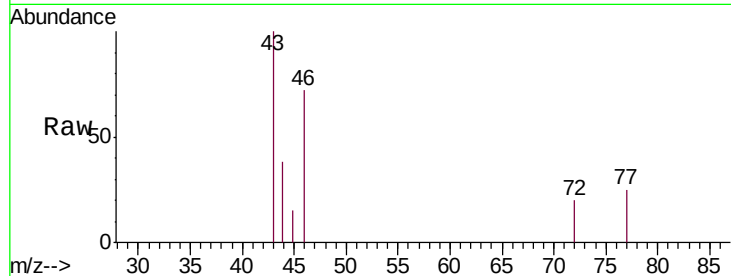
BEE23

Tgt Ion: 43 Resp: 1323

Ion Ratio Lower Upper

43 100

72 5.5 13.0 38.9#



#35

Methylcyclohexane

Concen: 8.196 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026555.D

Acq: 05 Sep 2018 20:29

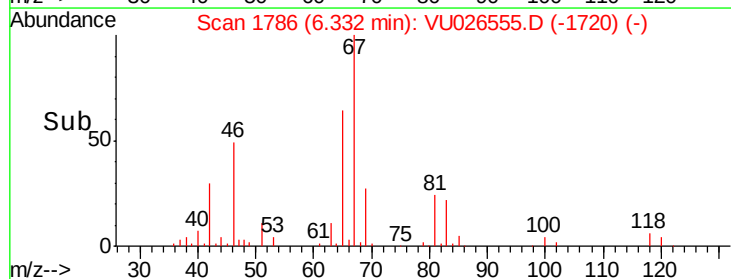
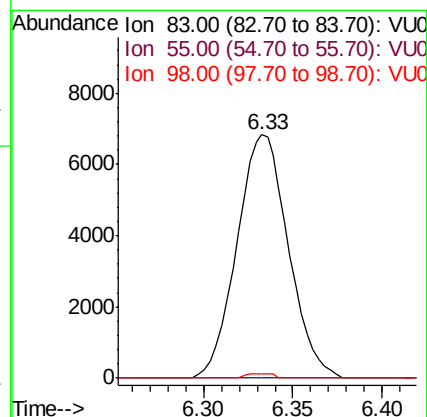
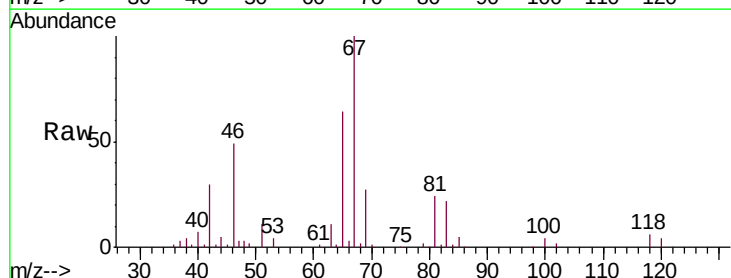
Tgt Ion: 83 Resp: 13722

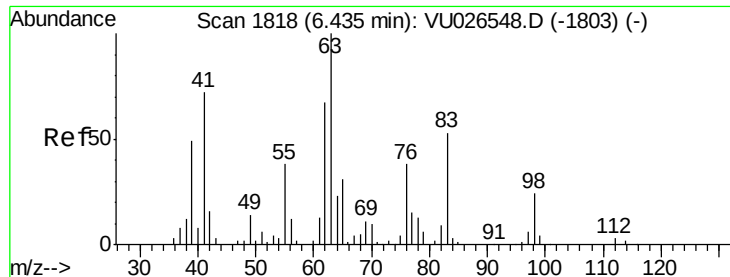
Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

98 0.3 36.7 55.1#





#37

1,2-Dichloropropane

Concen: 5.628 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026555.D

Acq: 05 Sep 2018 20:29

Instrument :

MSVOA_U

ClientSampleId :

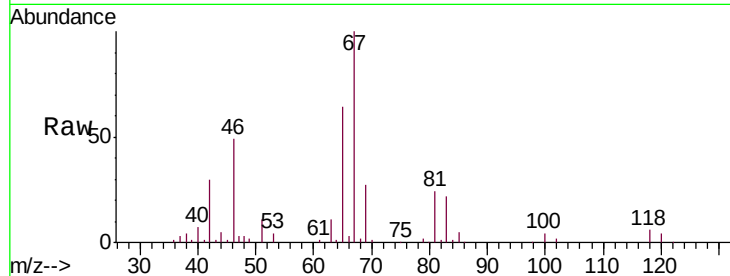
BEE23

Tgt Ion: 63 Resp: 6660

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU026548.D (-1803) (-)

Ion 112.00 (111.70 to 112.70): VU026548.D (-1803) (-)

6.33

3000

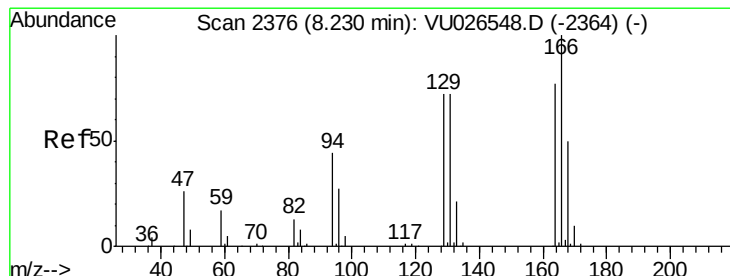
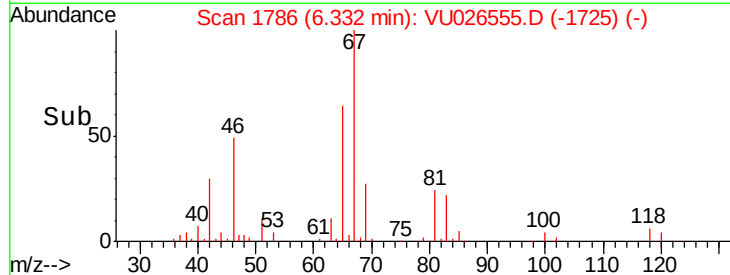
2000

1000

0

6.30 6.35

Time-->



#46

Tetrachloroethene

Concen: 8.174 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026555.D

Acq: 05 Sep 2018 20:29

Tgt Ion: 164 Resp: 7166

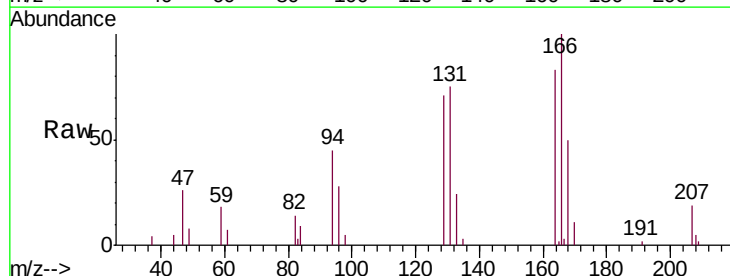
Ion Ratio Lower Upper

164 100

129 85.9 67.3 125.1

131 91.1 65.3 121.3

166 120.8 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): VU026548.D (-2364) (-)

Ion 129.00 (128.70 to 129.70): VU026548.D (-2364) (-)

Ion 131.00 (130.70 to 131.70): VU026548.D (-2364) (-)

Ion 166.00 (165.70 to 166.70): VU026548.D (-2364) (-)

8.23

8000

6000

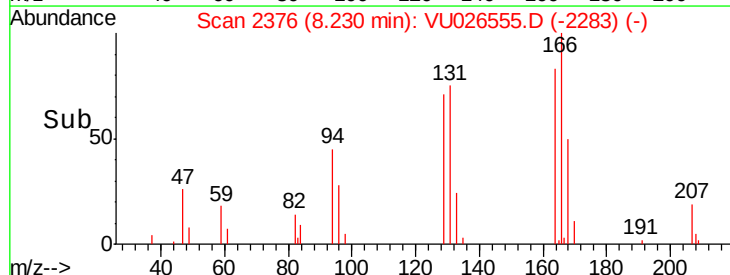
4000

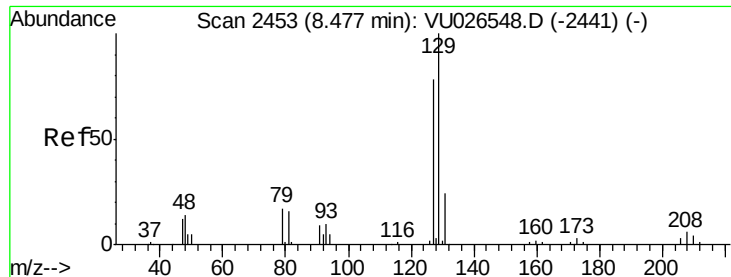
2000

0

8.20 8.25

Time-->





#49

Dibromochloromethane

Concen: 5.077 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026555.D

Acq: 05 Sep 2018 20:29

Instrument :

MSVOA_U

ClientSampled :

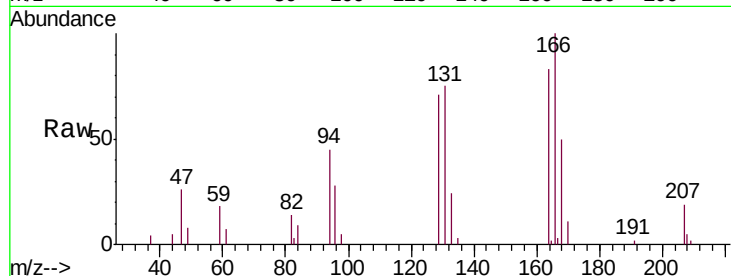
BEE23

Tgt Ion:129 Resp: 6202

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.23

4000

3000

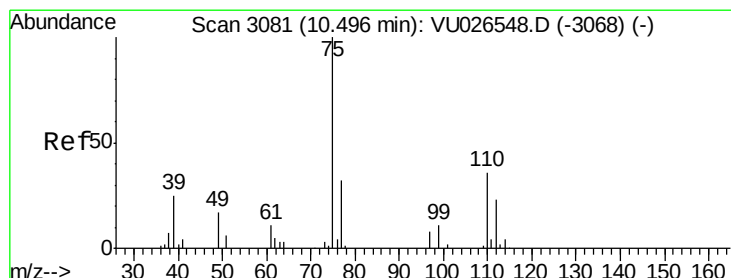
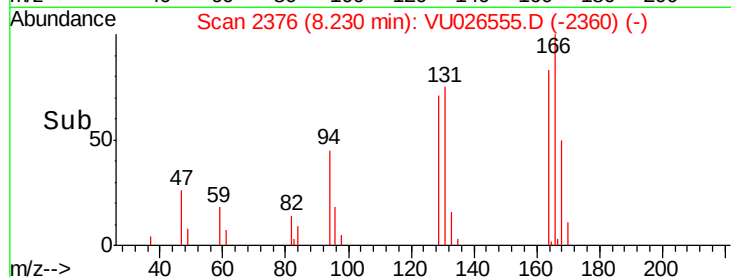
2000

1000

0

8.20 8.25

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.899 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026555.D

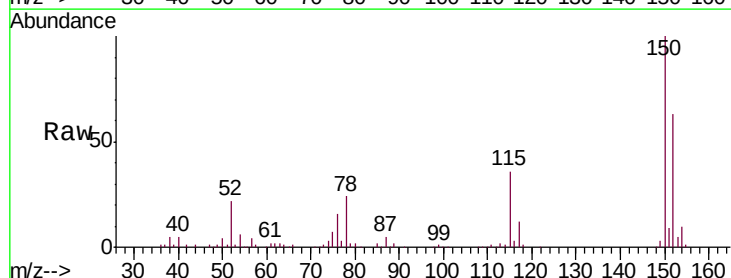
Acq: 05 Sep 2018 20:29

Tgt Ion: 75 Resp: 7234

Ion Ratio Lower Upper

75 100

77 37.8 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

5000

4000

3000

2000

1000

0

11.45 11.50

Time-->

