

Data File : VU026552.D
Acq On : 05 Sep 2018 19:19
Operator : MD/SY
Sample : J4694-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE26

Quant Time: Sep 06 06:00:38 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	162866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152493	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61495	50.00	ug/L	0.00

System Monitoring Compounds

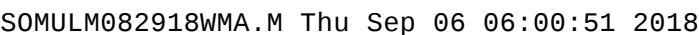
4) Vinyl Chloride-d3	1.40	65	39572	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.44%
7) Chloroethane-d5	1.68	69	38666	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.86%
11) 1,1-Dichloroethene-d2	2.27	63	62489	27.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.00%#
21) 2-Butanone-d5	4.18	46	83049	106.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	4.65	84	86474	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.31	65	60165	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
32) Benzene-d6	5.35	84	169947	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
36) 1,2-Dichloropropane-d6	6.33	67	60679	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.52%
41) Toluene-d8	7.57	98	149390	44.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.06%
43) trans-1,3-Dichloropropene-	7.85	79	15077	27.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.68%#
47) 2-Hexanone-d5	8.31	63	55826	100.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85741	48.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	58169	52.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.28%

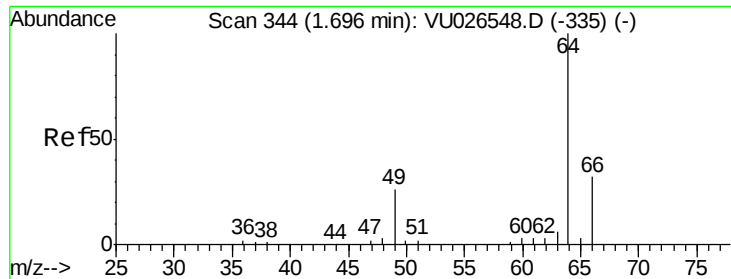
Target Compounds

					Qvalue
8) Chloroethane	1.40	64	2772	2.716	ug/L 98
13) Acetone	2.32	43	13393	19.749	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	3868	3.284	ug/L 92
34) Trichloroethene	6.19	95	9212	8.401	ug/L 96
35) Methylcyclohexane	6.33	83	13771	8.042	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	6213	5.134	ug/L # 88
46) Tetrachloroethene	8.23	164	9673	10.789	ug/L 93
48) 2-Hexanone	8.31	43	7045	5.480	ug/L # 72
49) Dibromochloromethane	8.23	129	8901	7.125	ug/L # 10
59) 1,2,3-Trichloropropane	11.49	75	7098	4.700	ug/L # 87

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
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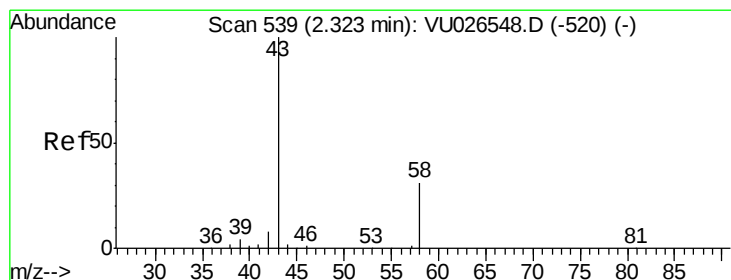
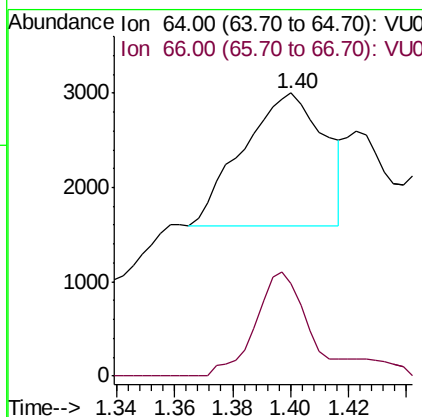
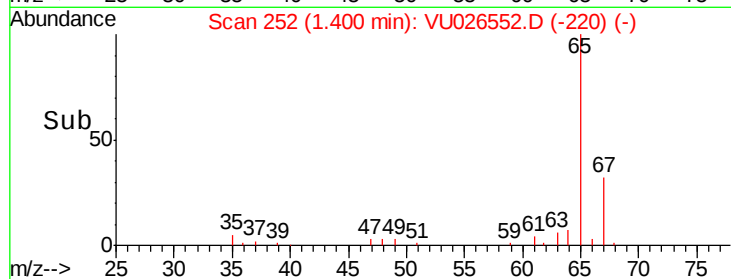
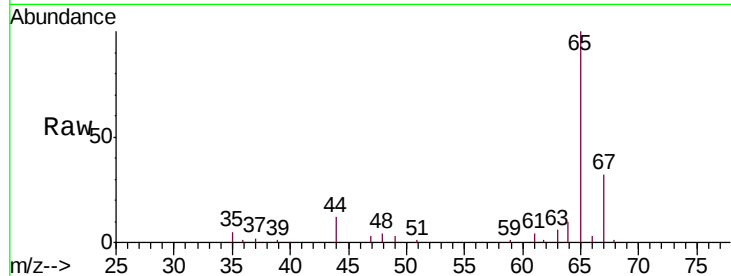




#8
 Chloroethane
 Concen: 2.716 ug/L
 RT: 1.40 min Scan# 252
 Delta R.T. -0.30 min
 Lab File: VU026552.D
 Acq: 05 Sep 2018 19:19

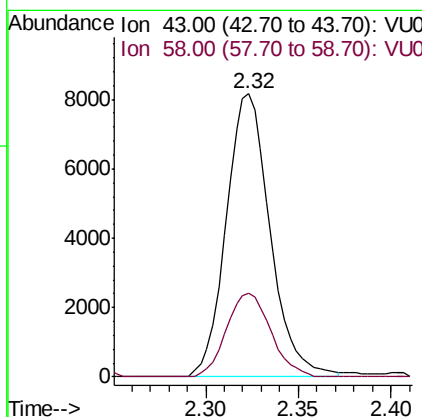
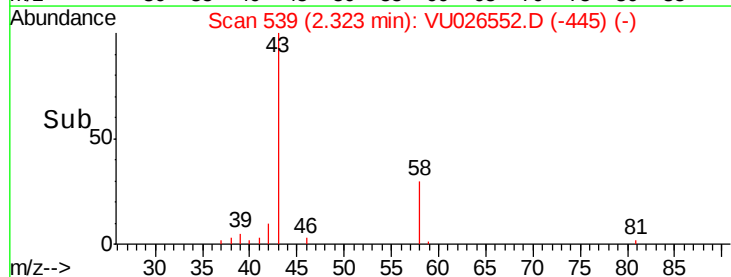
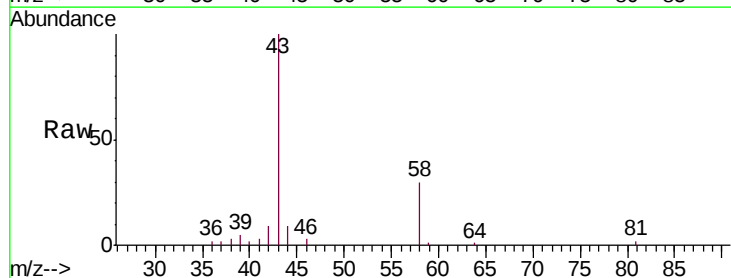
Instrument :
 MSVOA_U
 ClientSampled :
 BEE26

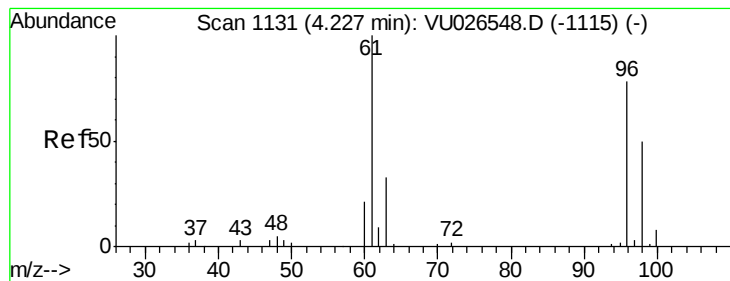
Tgt Ion: 64 Resp: 2772
 Ion Ratio Lower Upper
 64 100
 66 32.9 22.2 41.2



#13
 Acetone
 Concen: 19.749 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026552.D
 Acq: 05 Sep 2018 19:19

Tgt Ion: 43 Resp: 13393
 Ion Ratio Lower Upper
 43 100
 58 29.9 0.0 61.2





#20

cis-1,2-Dichloroethene

Concen: 3.284 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026552.D

Acq: 05 Sep 2018 19:19

Instrument :

MSVOA_U

ClientSampled :

BEE26

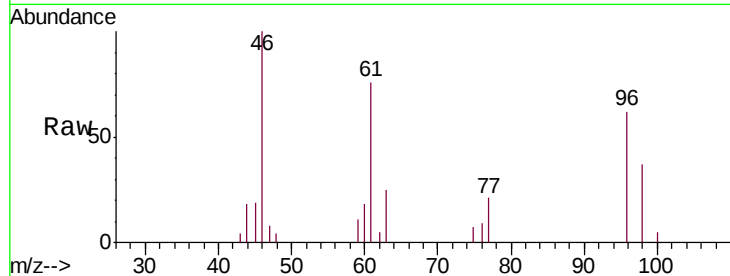
Tgt Ion: 96 Resp: 3868

Ion Ratio Lower Upper

96 100

61 121.6 91.6 170.2

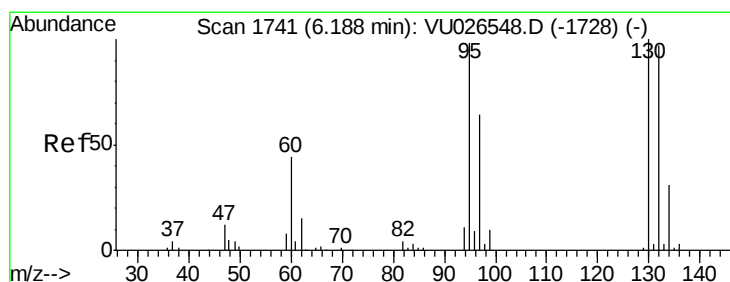
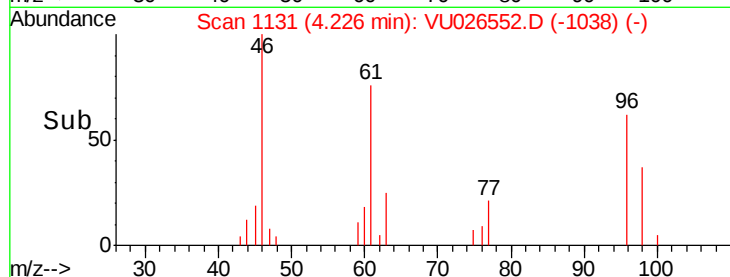
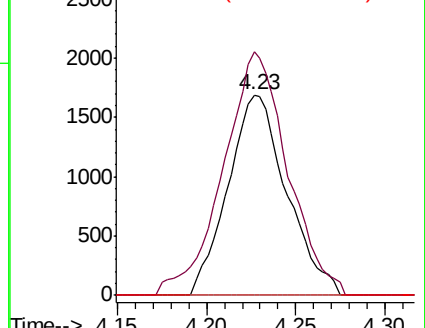
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 8.401 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026552.D

Acq: 05 Sep 2018 19:19

Tgt Ion: 95 Resp: 9212

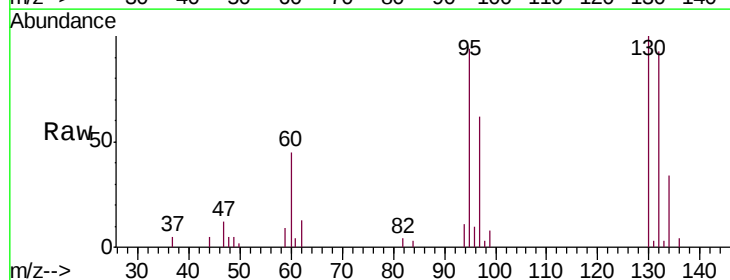
Ion Ratio Lower Upper

95 100

97 65.5 45.1 83.7

132 98.6 67.5 125.3

130 106.3 69.3 128.7

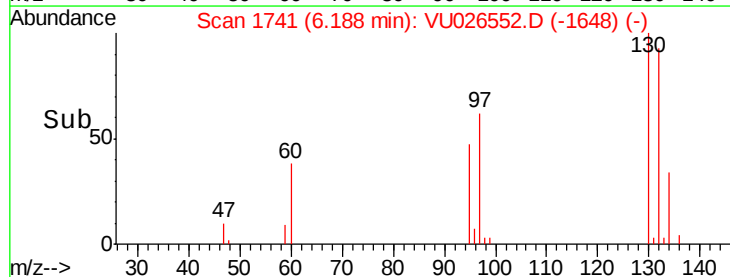
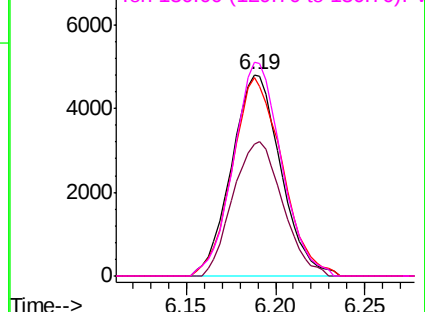


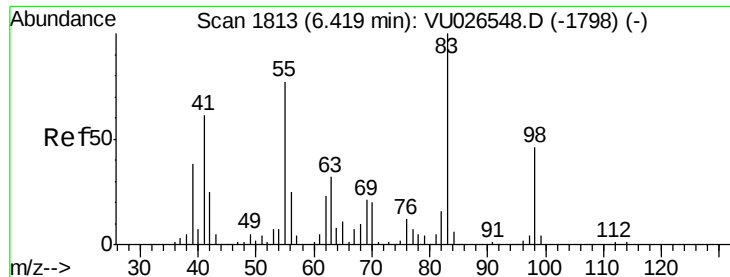
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

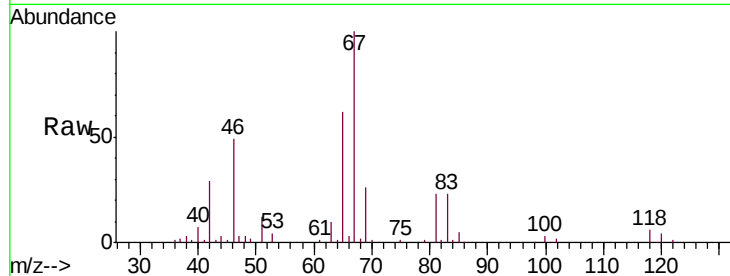




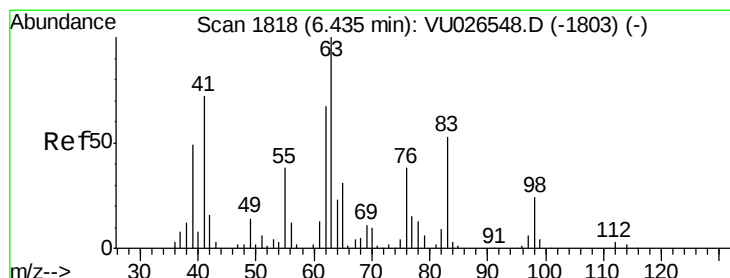
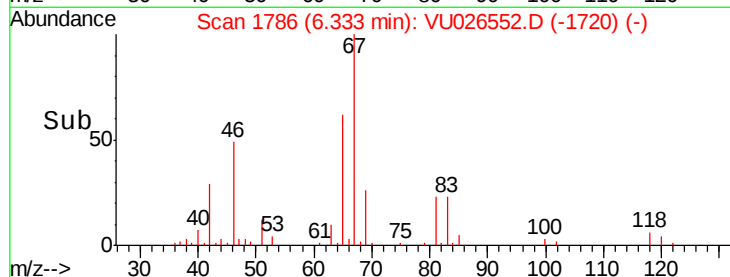
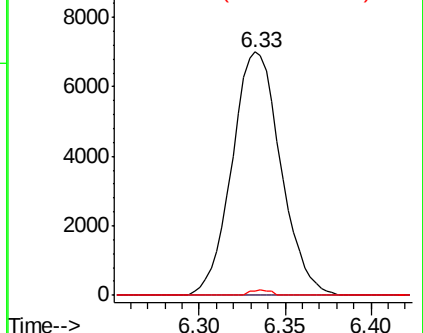
#35
Methylcyclohexane
Concen: 8.042 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026552.D
Acq: 05 Sep 2018 19:19

Instrument :
MSVOA_U
ClientSampleId :
BEE26

Tgt Ion: 83 Resp: 13771
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.9 36.7 55.1#

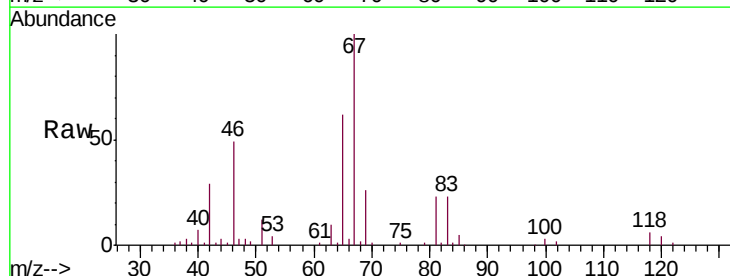


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

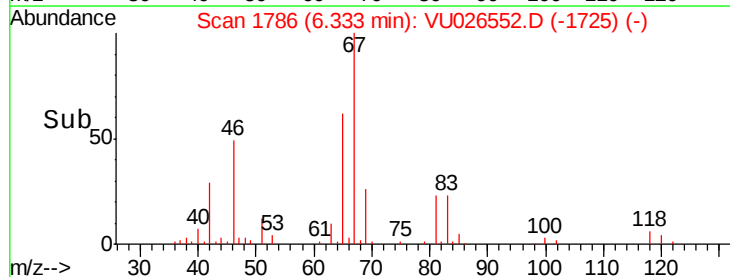
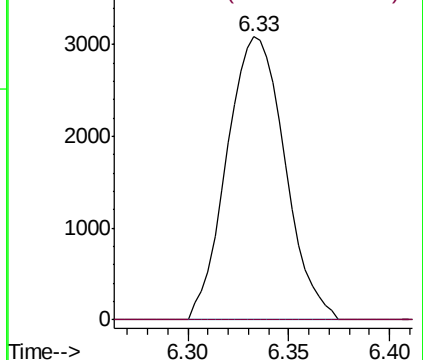


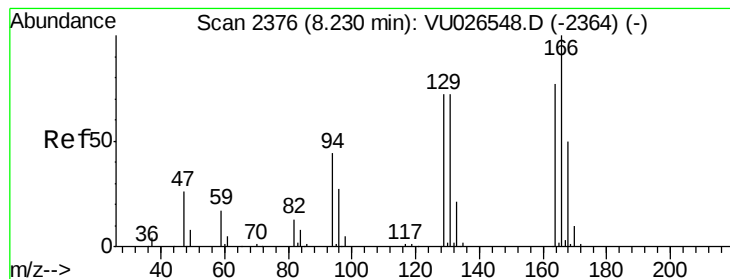
#37
1,2-Dichloropropane
Concen: 5.134 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026552.D
Acq: 05 Sep 2018 19:19

Tgt Ion: 63 Resp: 6213
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 10.789 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026552.D

Acq: 05 Sep 2018 19:19

Instrument :

MSVOA_U

ClientSampleId :

BEE26

Tgt Ion:164 Resp: 9673

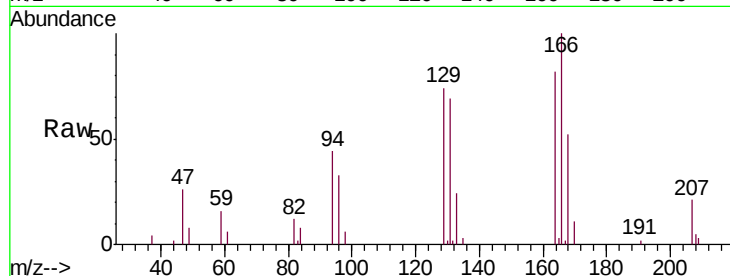
Ion Ratio Lower Upper

164 100

129 90.4 67.3 125.1

131 84.7 65.3 121.3

166 122.3 90.9 168.7

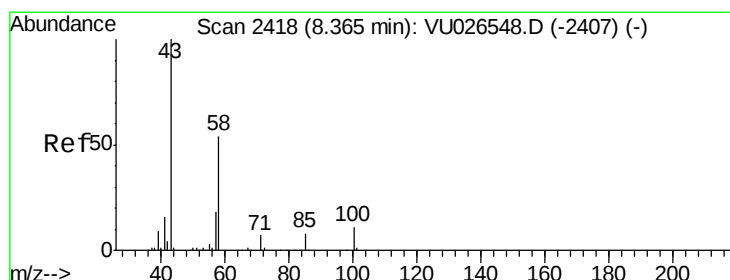
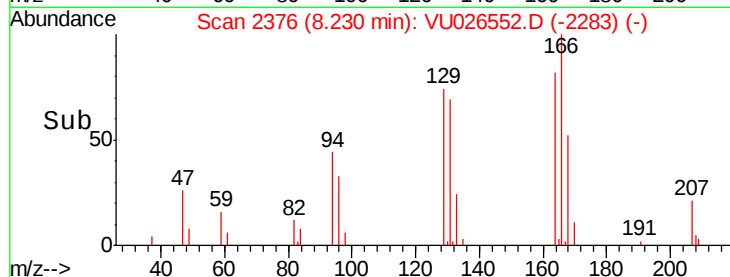
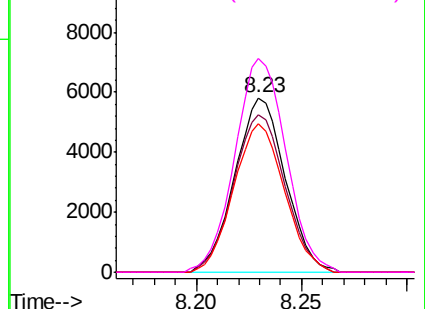


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.480 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU026552.D

Acq: 05 Sep 2018 19:19

Tgt Ion: 43 Resp: 7045

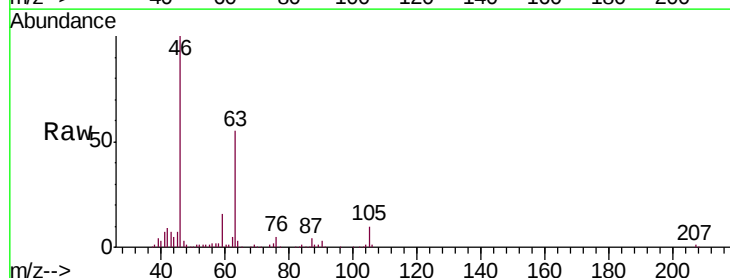
Ion Ratio Lower Upper

43 100

58 32.1 42.2 63.4#

57 29.6 14.6 21.8#

100 0.6 8.3 12.5#

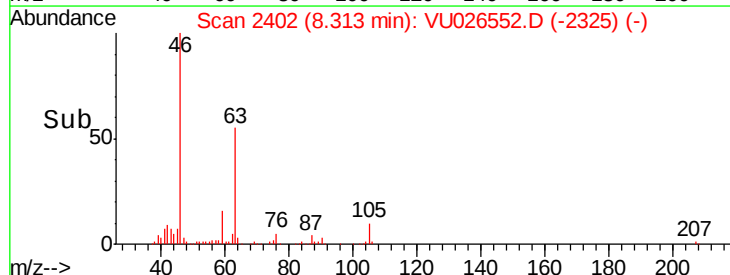
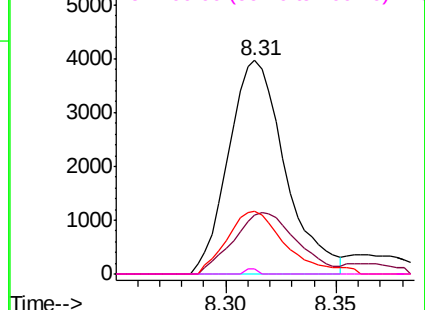


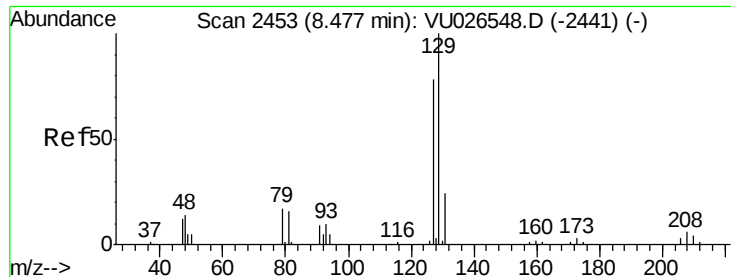
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 7.125 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026552.D

Acq: 05 Sep 2018 19:19

Instrument :

MSVOA_U

ClientSampleId :

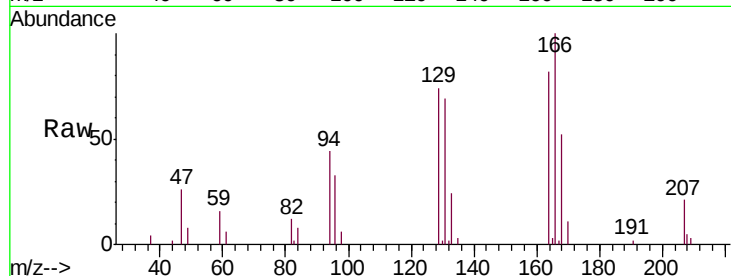
BEE26

Tgt Ion:129 Resp: 8901

Ion Ratio Lower Upper

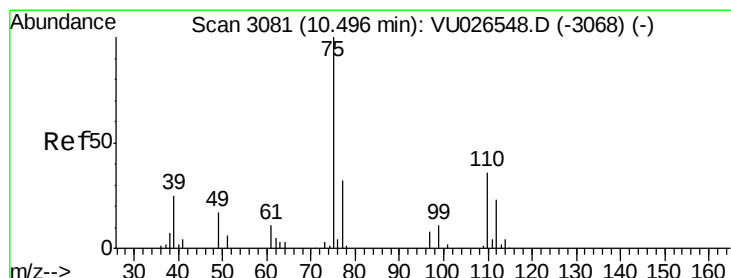
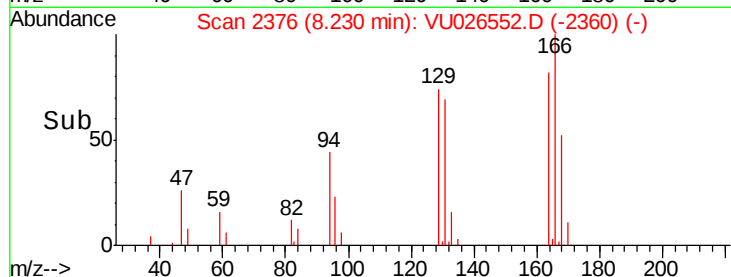
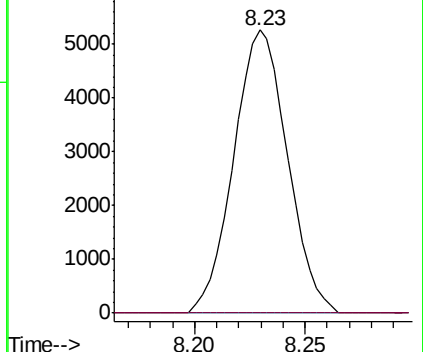
129 100

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



#59

1,2,3-Trichloropropane

Concen: 4.700 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026552.D

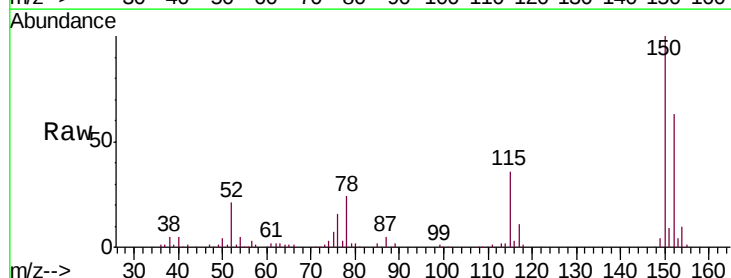
Acq: 05 Sep 2018 19:19

Tgt Ion: 75 Resp: 7098

Ion Ratio Lower Upper

75 100

77 38.3 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

