

Data File : VU026559.D
Acq On : 05 Sep 2018 22:02
Operator : MD/SY
Sample : J4718-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEGC0

Quant Time: Sep 06 06:01:40 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	164729	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	65572	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44322	43.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.86%
7) Chloroethane-d5	1.68	69	41100	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.18%
11) 1,1-Dichloroethene-d2	2.27	63	64753	28.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.34%#
21) 2-Butanone-d5	4.18	46	81527	102.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.92%
24) Chloroform-d	4.65	84	87131	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.31	65	60069	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
32) Benzene-d6	5.34	84	168295	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
36) 1,2-Dichloropropane-d6	6.33	67	60728	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.64%
41) Toluene-d8	7.57	98	149328	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%
43) trans-1,3-Dichloropropene-	7.85	79	24963	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.80%
47) 2-Hexanone-d5	8.31	63	57072	101.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85272	47.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	60352	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%

Target Compounds

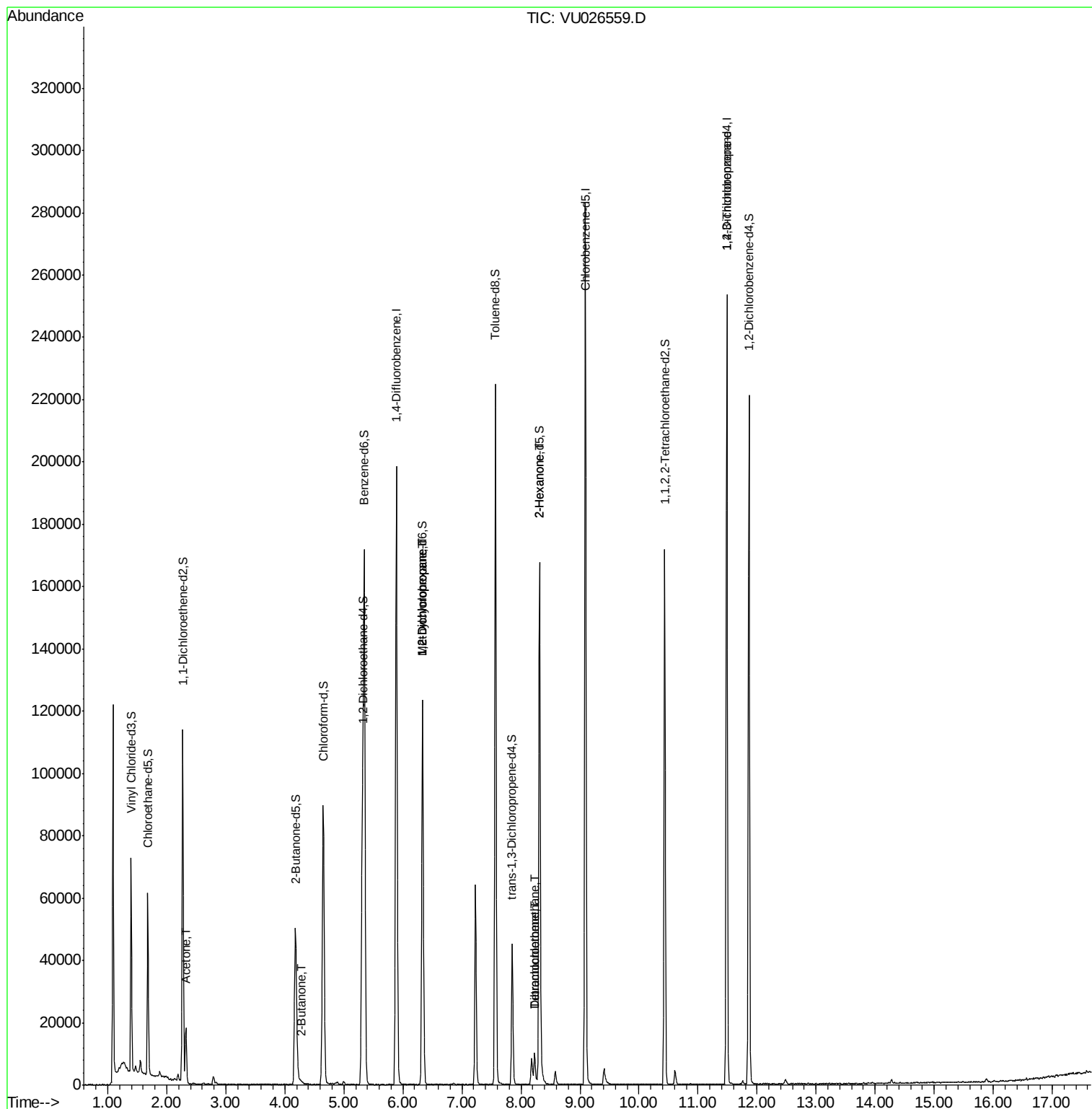
					Qvalue
13) Acetone	2.32	43	18176	26.498	ug/L 100
22) 2-Butanone	4.28	43	1624	1.761	ug/L # 58
35) Methylcyclohexane	6.33	83	13846	7.930	ug/L # 18
37) 1,2-Dichloropropane	6.34	63	6245	5.060	ug/L # 88
46) Tetrachloroethene	8.23	164	2024	2.214	ug/L 97
48) 2-Hexanone	8.31	43	6756	5.154	ug/L # 65
49) Dibromochloromethane	8.23	129	1935	1.519	ug/L # 10
59) 1,2,3-Trichloropropane	11.49	75	7996	5.192	ug/L 91

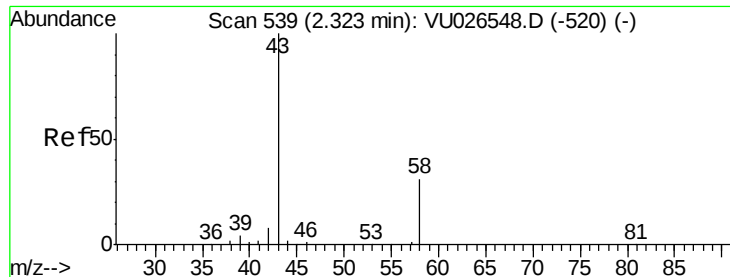
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 26.498 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026559.D

Acq: 05 Sep 2018 22:02

Instrument :

MSVOA_U

ClientSampleId :

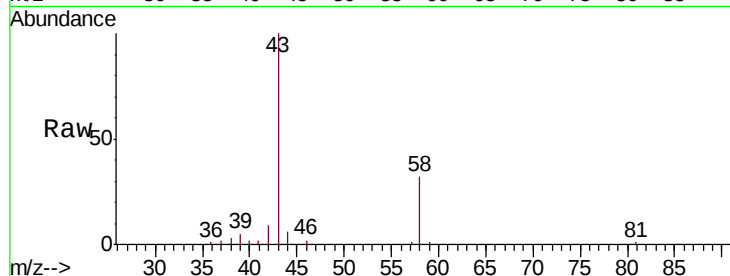
BEGC0

Tgt Ion: 43 Resp: 18176

Ion Ratio Lower Upper

43 100

58 30.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

12000

10000

8000

6000

4000

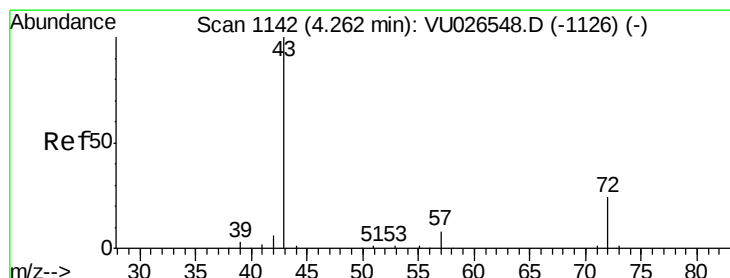
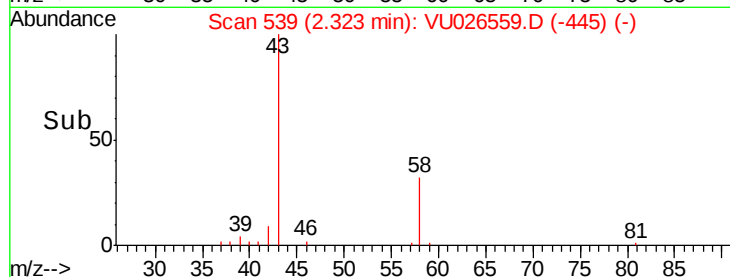
2000

0

Time-->

2.25 2.30 2.35 2.40

2.32



#22

2-Butanone

Concen: 1.761 ug/L

RT: 4.28 min Scan# 1148

Delta R.T. 0.02 min

Lab File: VU026559.D

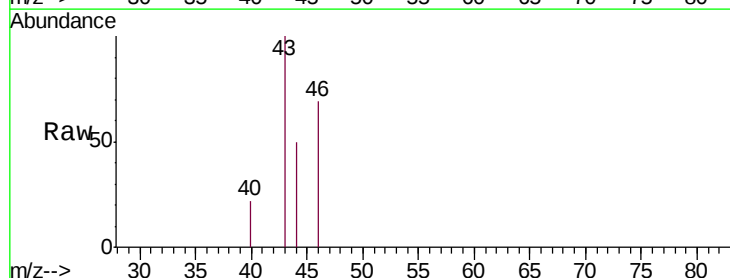
Acq: 05 Sep 2018 22:02

Tgt Ion: 43 Resp: 1624

Ion Ratio Lower Upper

43 100

72 4.4 13.0 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

500

400

300

200

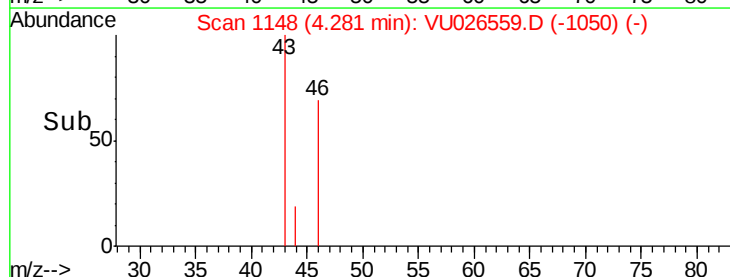
100

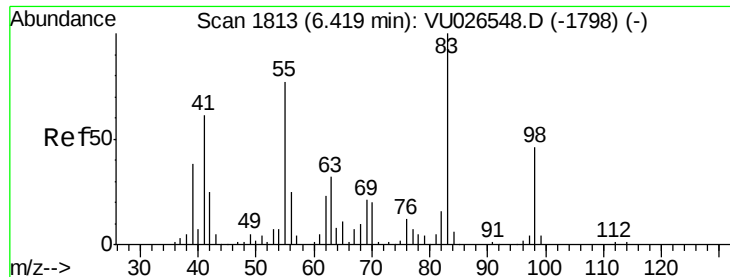
0

Time-->

4.20 4.25 4.30 4.35

4.28

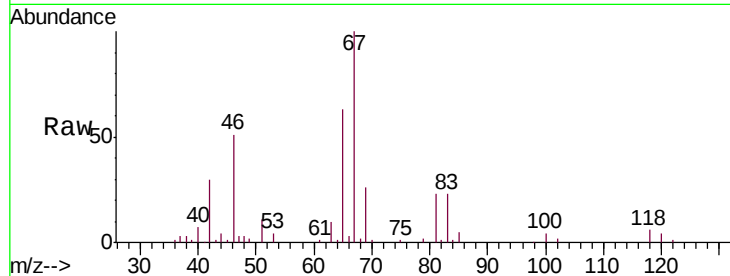




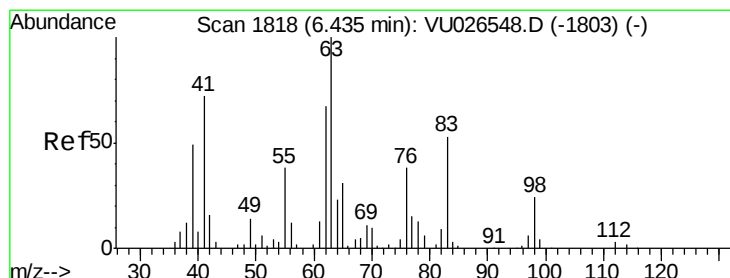
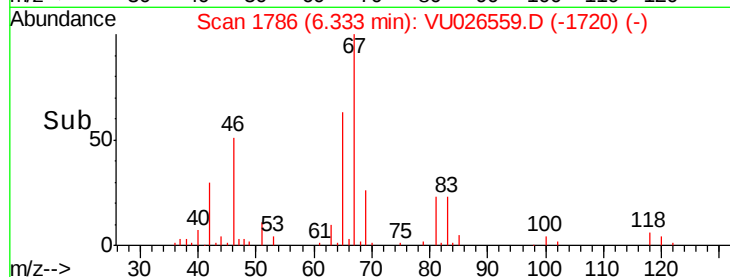
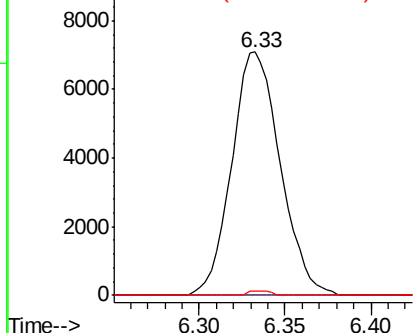
#35
Methylcyclohexane
Concen: 7.930 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026559.D
Acq: 05 Sep 2018 22:02

Instrument :
MSVOA_U
ClientSampleId :
BEGC0

Tgt Ion: 83 Resp: 13846
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.8 36.7 55.1#

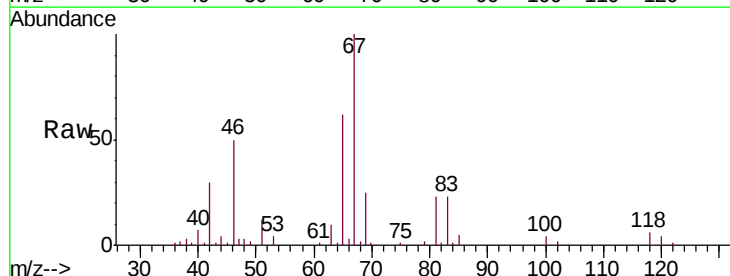


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

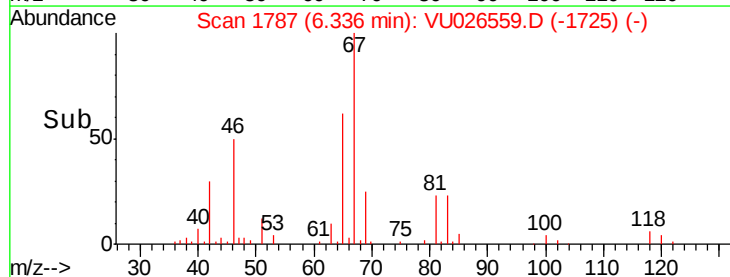
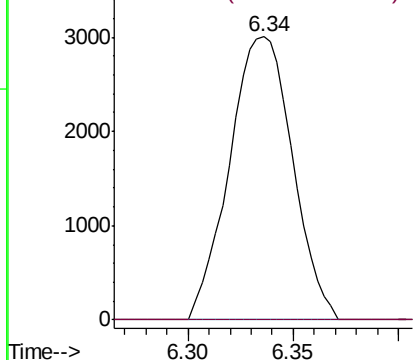


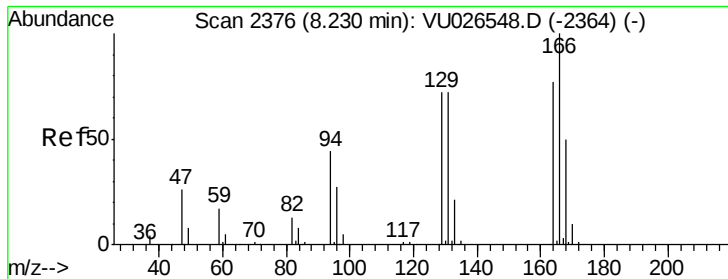
#37
1,2-Dichloropropane
Concen: 5.060 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026559.D
Acq: 05 Sep 2018 22:02

Tgt Ion: 63 Resp: 6245
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

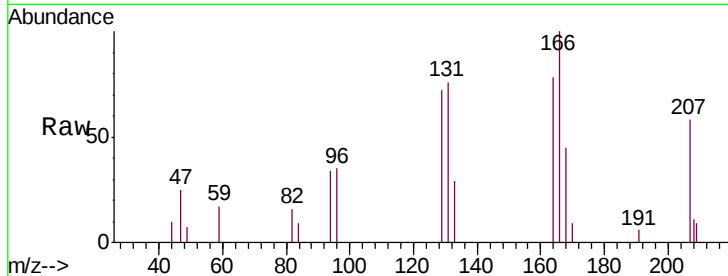




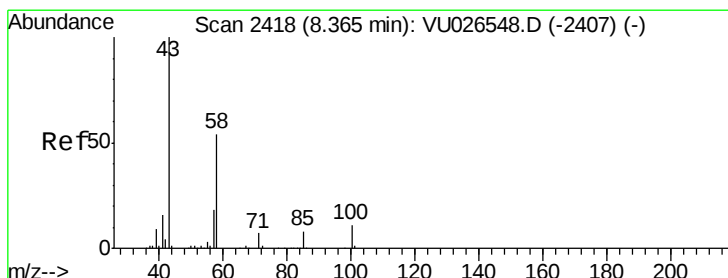
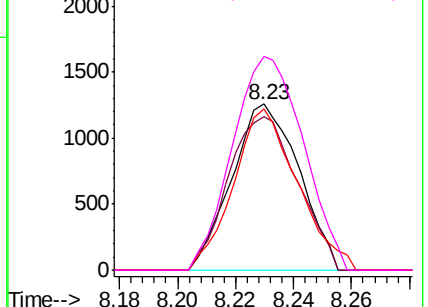
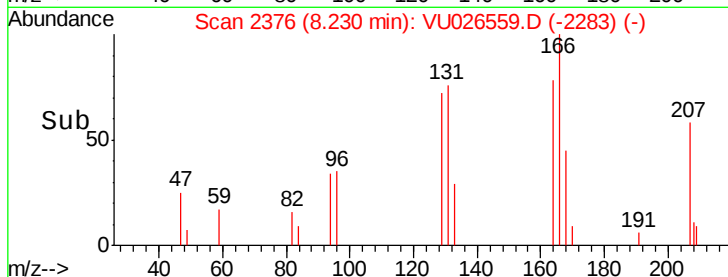
#46
Tetrachloroethene
Concen: 2.214 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026559.D
Acq: 05 Sep 2018 22:02

Instrument :
MSVOA_U
ClientSampleId :
BEGC0

Tgt Ion:164 Resp: 2024
Ion Ratio Lower Upper
164 100
129 92.6 67.3 125.1
131 97.5 65.3 121.3
166 128.8 90.9 168.7

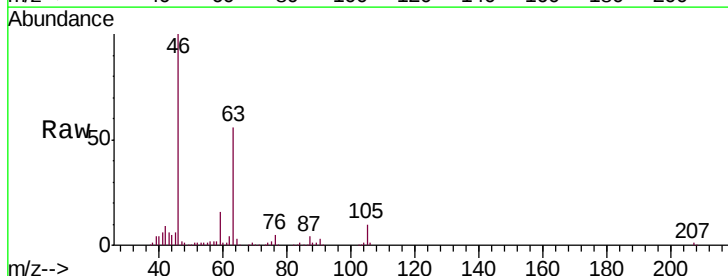


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

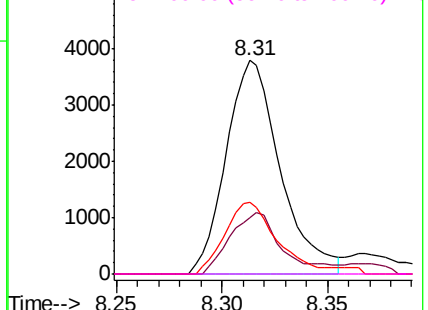
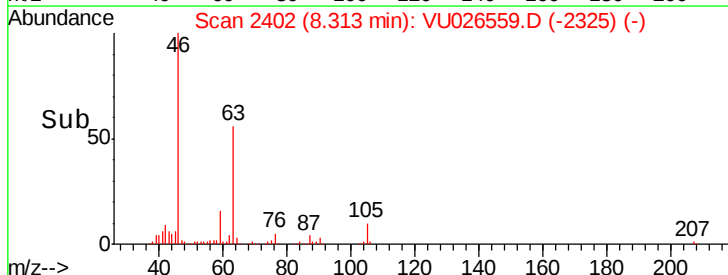


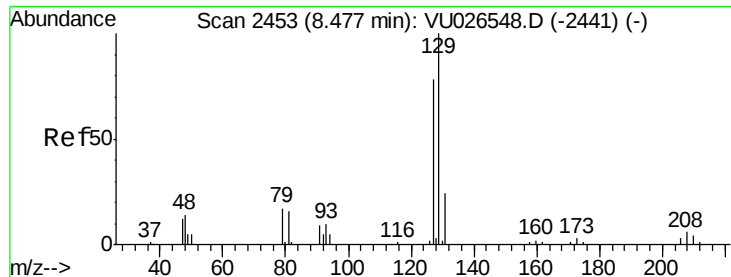
#48
2-Hexanone
Concen: 5.154 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026559.D
Acq: 05 Sep 2018 22:02

Tgt Ion: 43 Resp: 6756
Ion Ratio Lower Upper
43 100
58 25.8 42.2 63.4#
57 32.0 14.6 21.8#
100 0.0 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: 1.519 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026559.D

Acq: 05 Sep 2018 22:02

Instrument :

MSVOA_U

ClientSampleId :

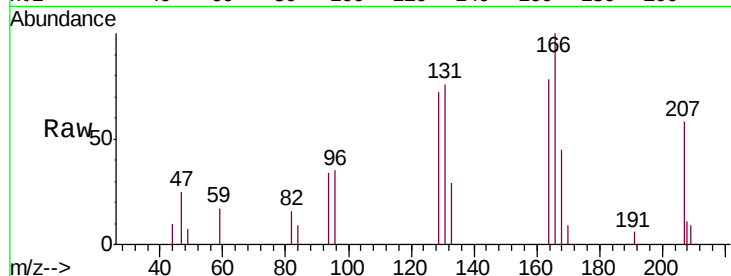
BEGC0

Tgt Ion:129 Resp: 1935

Ion Ratio Lower Upper

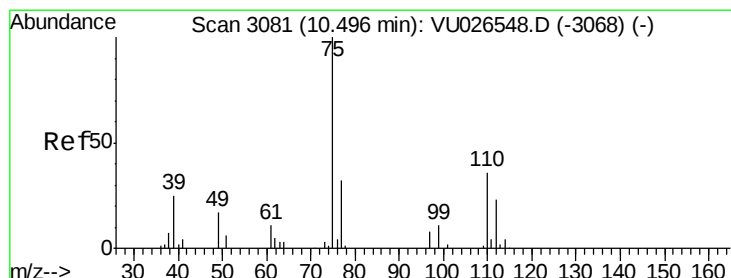
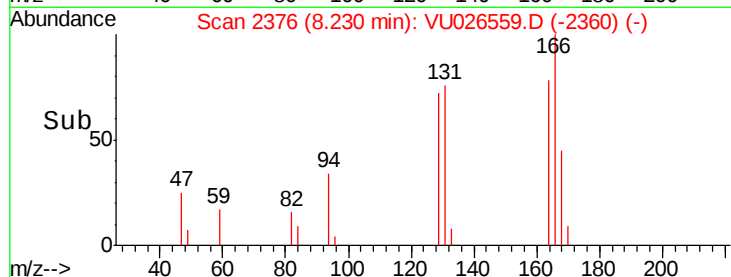
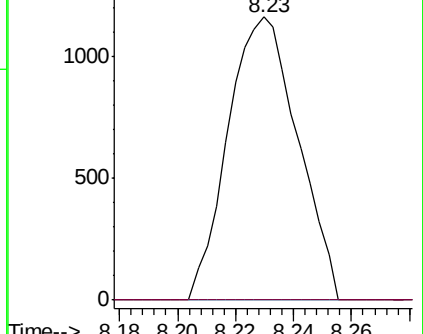
129 100

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: 5.192 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026559.D

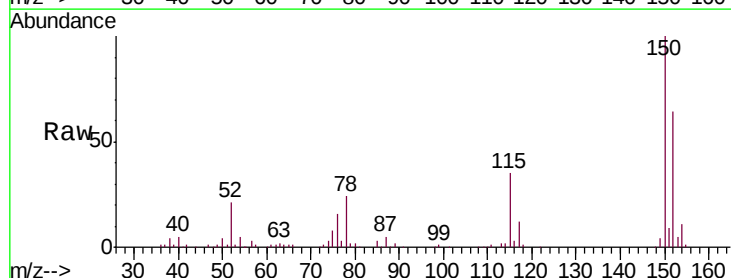
Acq: 05 Sep 2018 22:02

Tgt Ion: 75 Resp: 7996

Ion Ratio Lower Upper

75 100

77 36.4 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

