

Data File : VU026498.D
Acq On : 31 Aug 2018 14:37
Operator : MD/SY
Sample : J4691-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE17

Quant Time: Sep 01 01:04:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154403	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145586	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63728	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39858	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.32%
7) Chloroethane-d5	1.68	69	39006	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.27	63	59636	27.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.36%#
21) 2-Butanone-d5	4.18	46	71706	96.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.57%
24) Chloroform-d	4.65	84	82600	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.31	65	57576	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
32) Benzene-d6	5.34	84	166791	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
36) 1,2-Dichloropropane-d6	6.33	67	58222	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.02%
41) Toluene-d8	7.57	98	150833	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.85	79	23378	44.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.82%
47) 2-Hexanone-d5	8.31	63	53129	100.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80224	47.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	61553	53.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.48%

Target Compounds

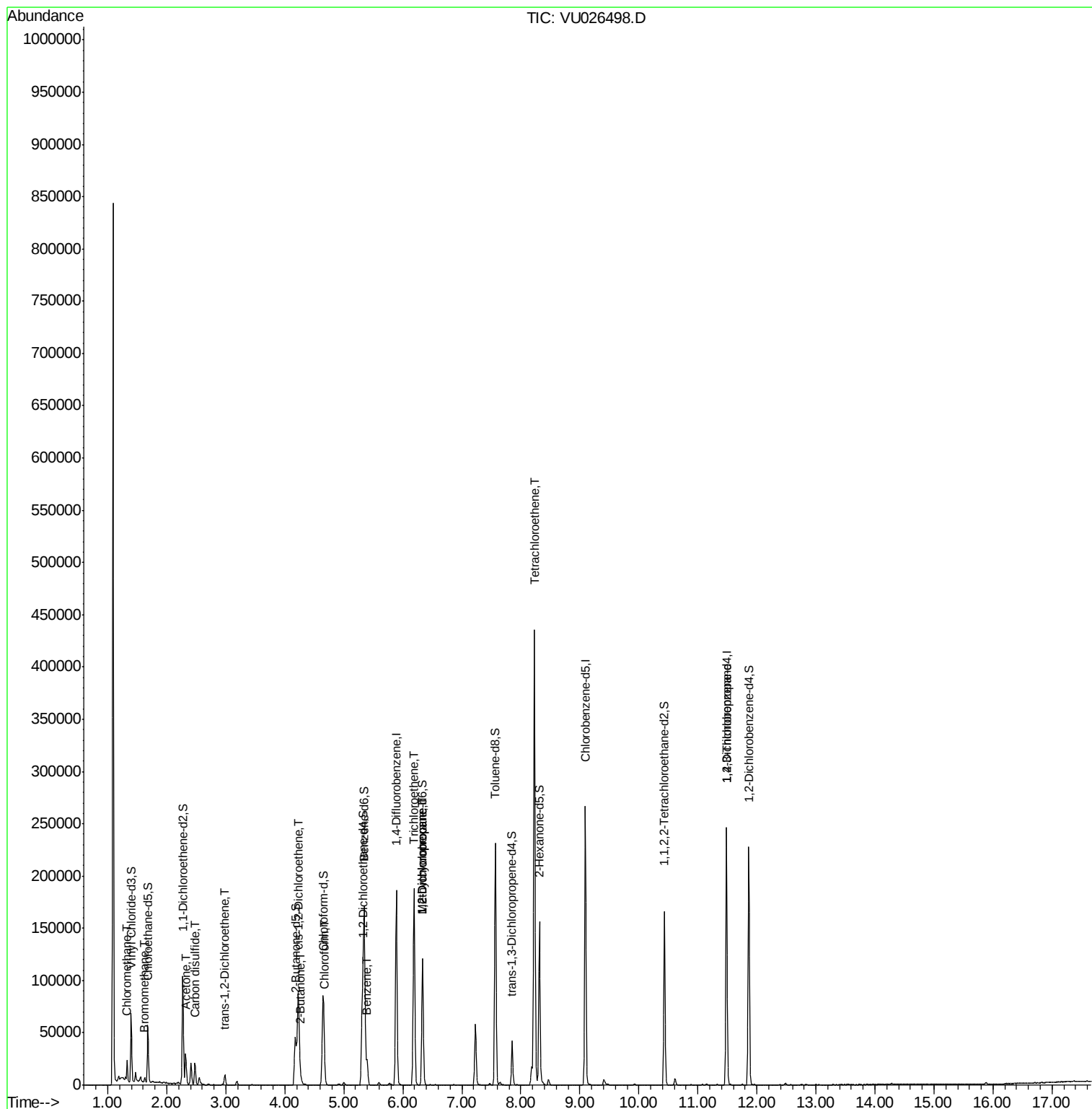
					Qvalue
3) Chloromethane	1.33	50	12510	8.415 ug/L	99
6) Bromomethane	1.63	94	2247	2.352 ug/L	84
13) Acetone	2.32	43	30521	47.472 ug/L	99
14) Carbon disulfide	2.48	76	25757	8.258 ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	3992	4.005 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	47930	42.919 ug/L	100
22) 2-Butanone	4.27	43	10909	12.623 ug/L	96
25) Chloroform	4.68	83	2487	1.243 ug/L	87
33) Benzene	5.39	78	21686	5.196 ug/L	100
34) Trichloroethene	6.19	95	64250	61.371 ug/L	99
35) Methylcyclohexane	6.33	83	13004	7.955 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	6010	5.201 ug/L #	88
46) Tetrachloroethene	8.23	164	96503	112.746 ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	7360	5.105 ug/L	91

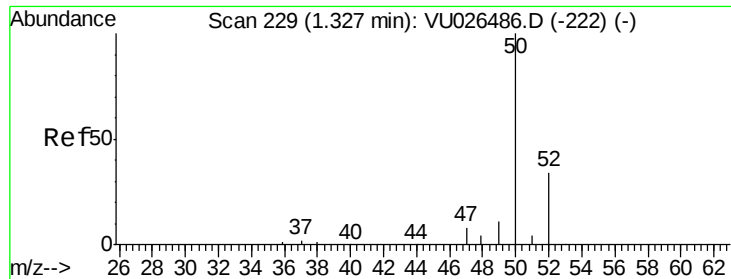
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026498.D
Acq On : 31 Aug 2018 14:37
Operator : MD/SY
Sample : J4691-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE17

Quant Time: Sep 01 01:04:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 8.415 ug/L

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU026498.D

Acq: 31 Aug 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

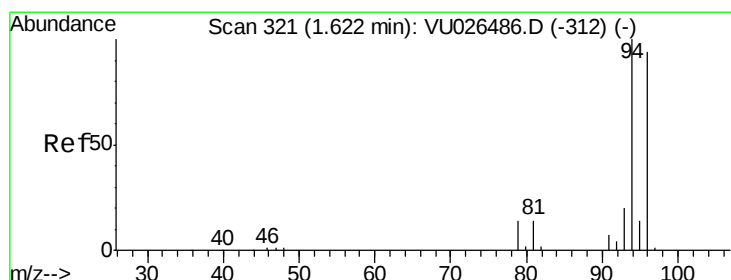
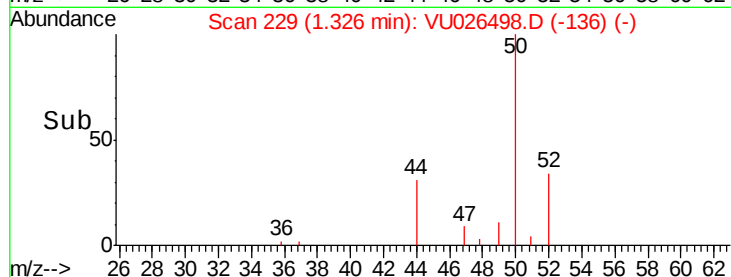
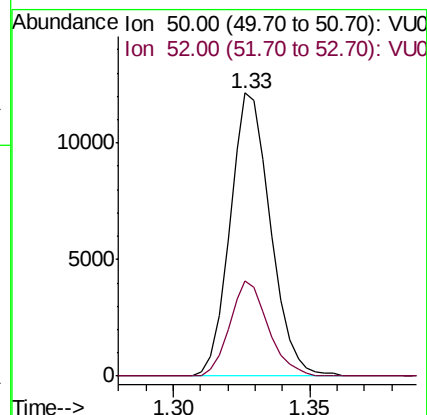
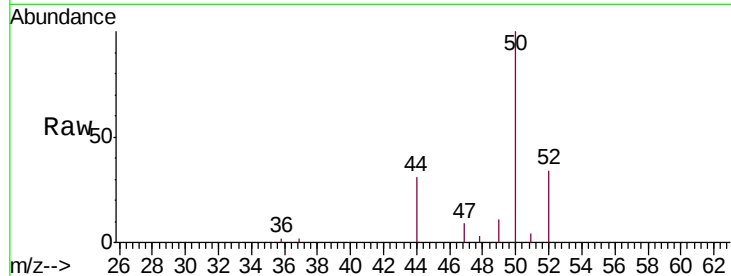
BEE17

Tgt Ion: 50 Resp: 12510

Ion Ratio Lower Upper

50 100

52 33.6 23.0 42.6



#6

Bromomethane

Concen: 2.352 ug/L

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU026498.D

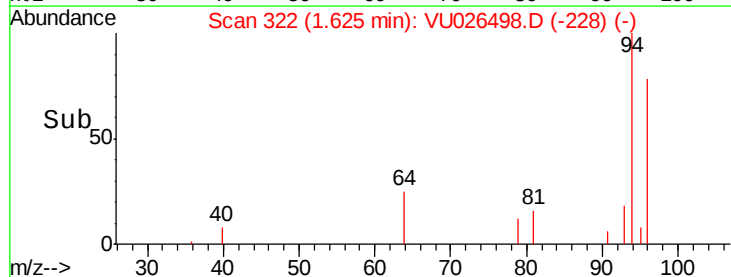
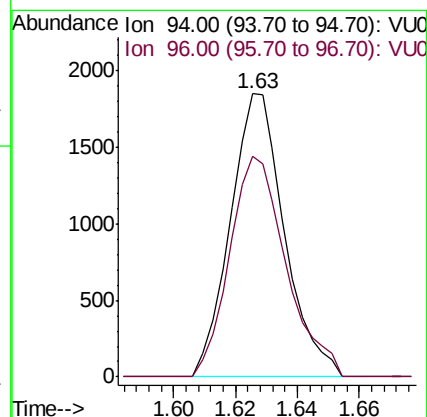
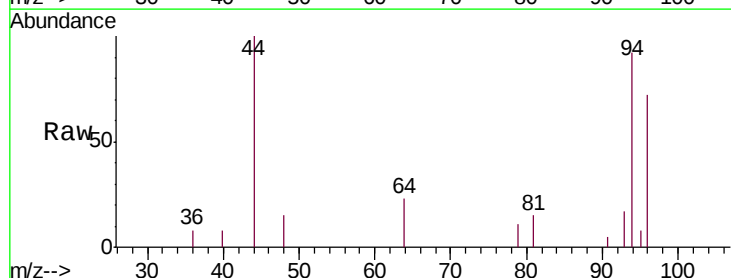
Acq: 31 Aug 2018 14:37

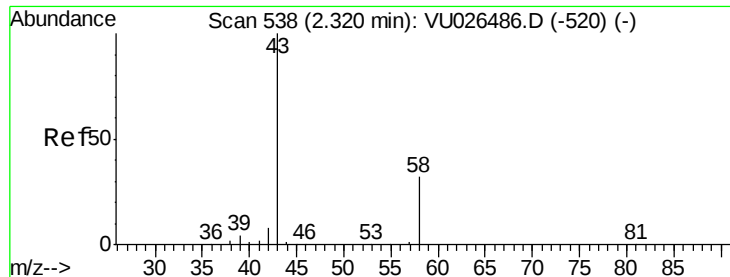
Tgt Ion: 94 Resp: 2247

Ion Ratio Lower Upper

94 100

96 78.1 65.3 121.3





#13

Acetone

Concen: 47.472 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026498.D

Acq: 31 Aug 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

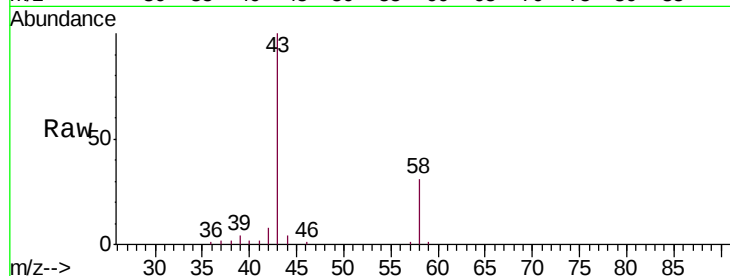
BEE17

Tgt Ion: 43 Resp: 30521

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

20000

15000

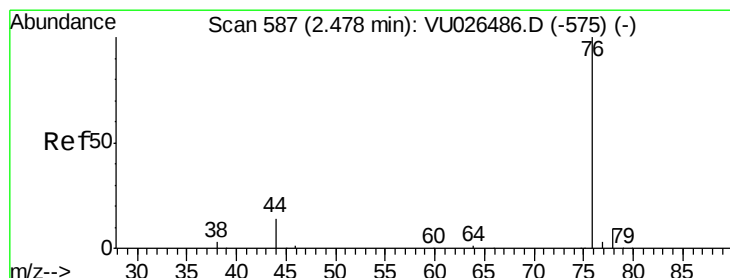
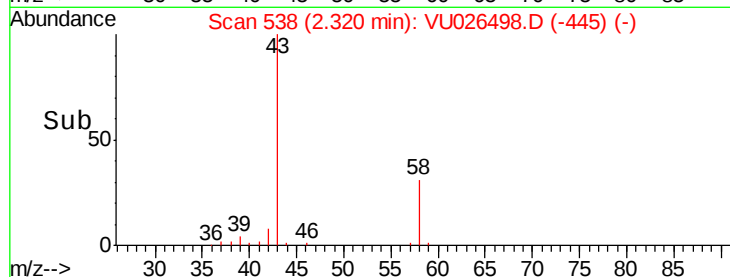
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon disulfide

Concen: 8.258 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU026498.D

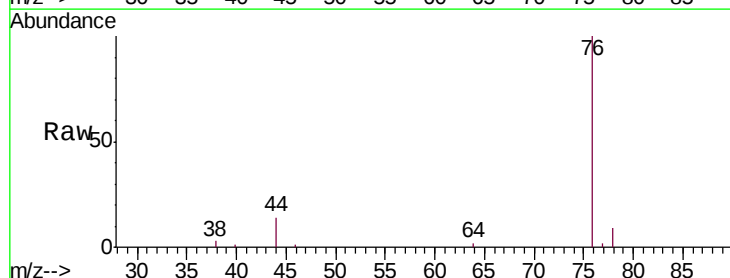
Acq: 31 Aug 2018 14:37

Tgt Ion: 76 Resp: 25757

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

15000

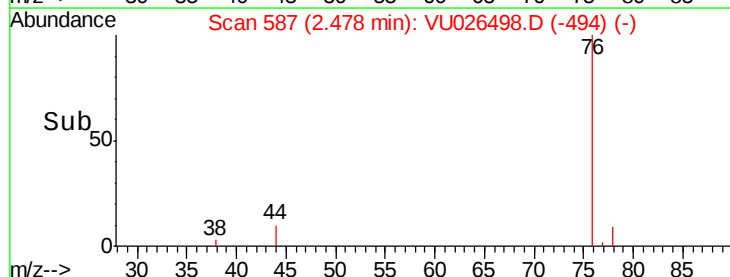
10000

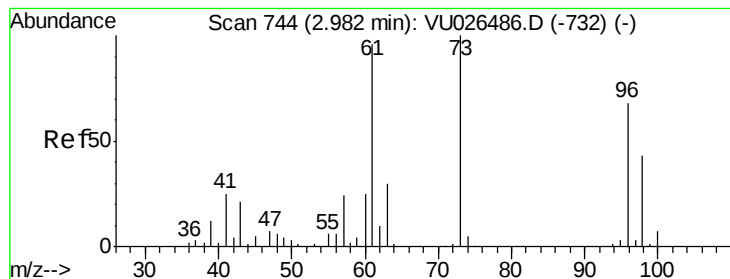
5000

0

Time-->

2.45 2.50 2.55





#17

trans-1,2-Dichloroethene

Concen: 4.005 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026498.D

Acq: 31 Aug 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

BEE17

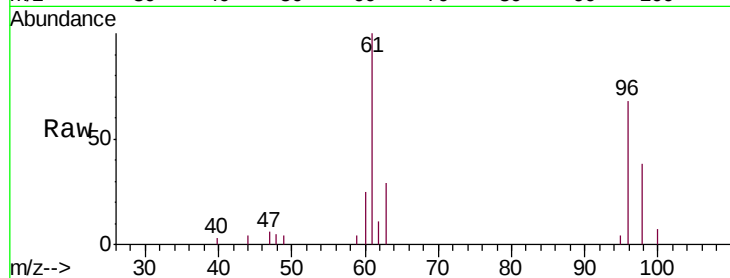
Tgt Ion: 96 Resp: 3992

Ion Ratio Lower Upper

96 100

61 148.1 103.2 191.6

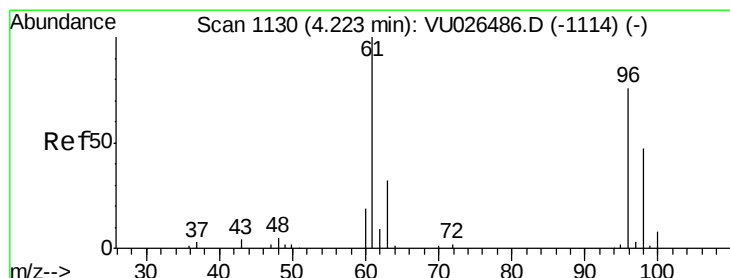
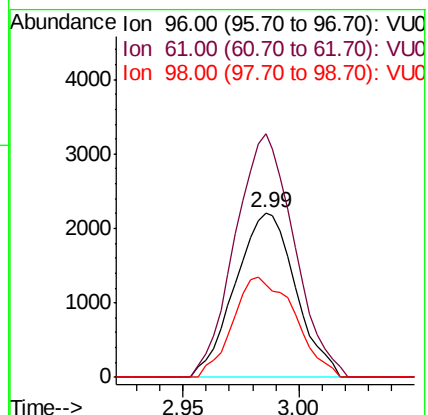
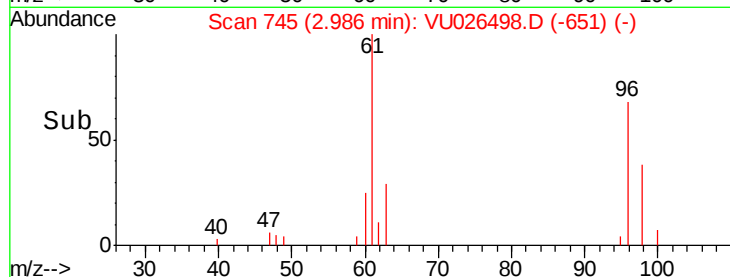
98 56.4 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 42.919 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026498.D

Acq: 31 Aug 2018 14:37

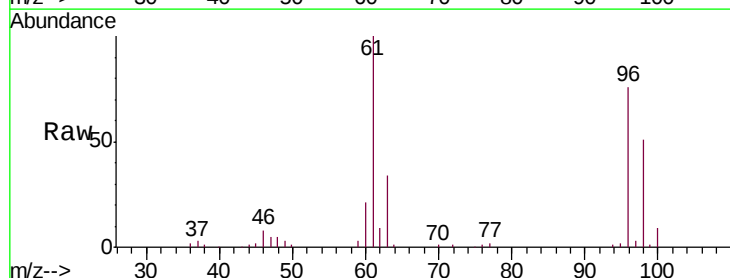
Tgt Ion: 96 Resp: 47930

Ion Ratio Lower Upper

96 100

61 130.7 91.6 170.2

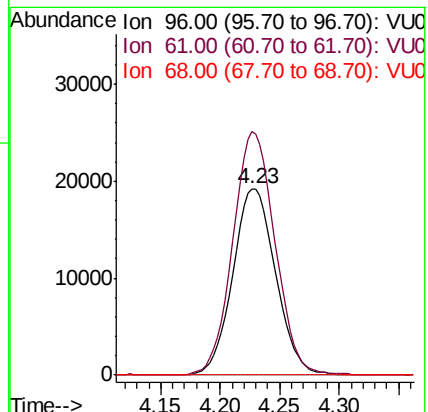
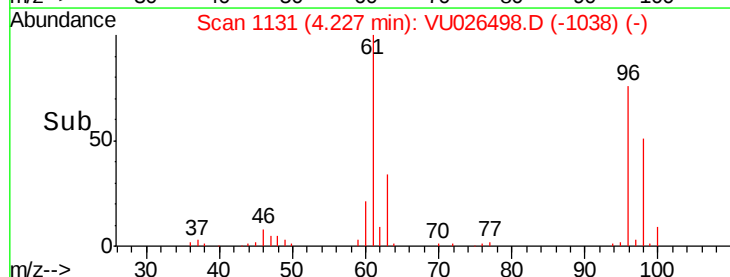
68 0.0 0.0 0.0

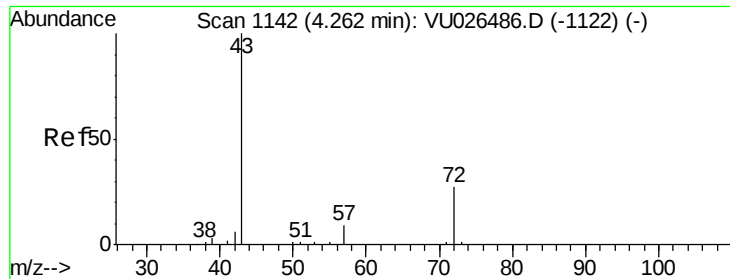


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 12.623 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU026498.D

Acq: 31 Aug 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

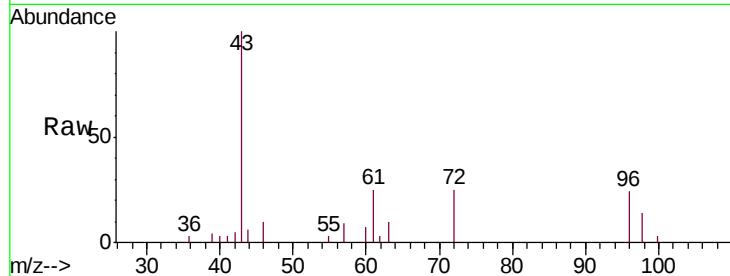
BEE17

Tgt Ion: 43 Resp: 10909

Ion Ratio Lower Upper

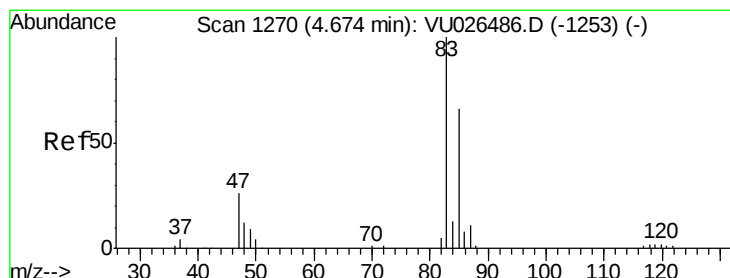
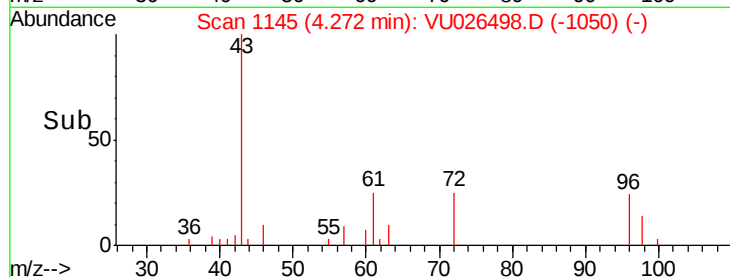
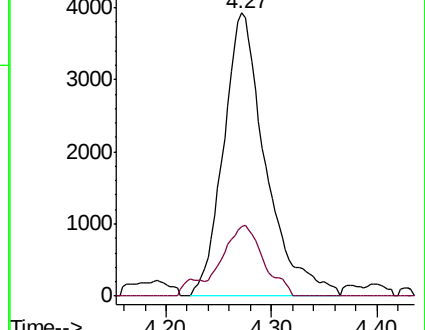
43 100

72 23.7 13.0 38.9



Abundance Ion 43.00 (42.70 to 43.70): VU026498.D (-1142) (-)

Ion 72.00 (71.70 to 72.70): VU026498.D (-1142) (-)



#25

Chloroform

Concen: 1.243 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026498.D

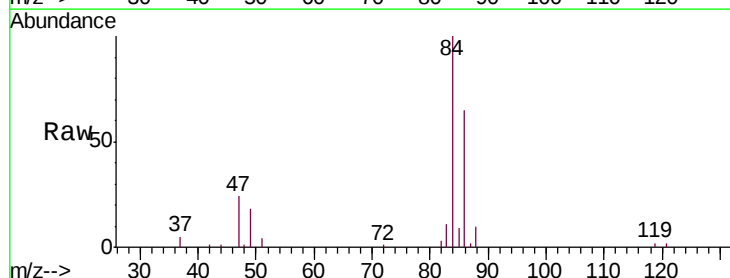
Acq: 31 Aug 2018 14:37

Tgt Ion: 83 Resp: 2487

Ion Ratio Lower Upper

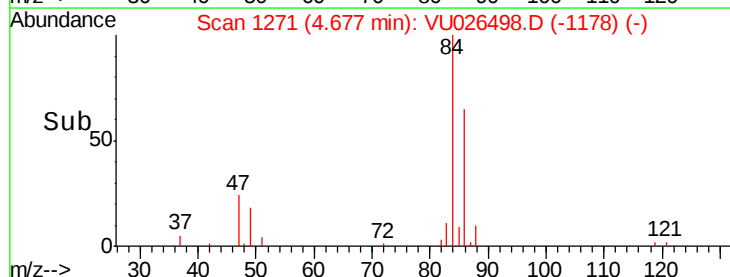
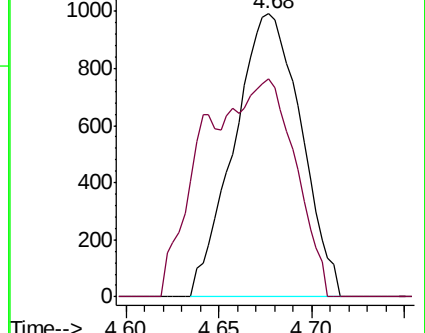
83 100

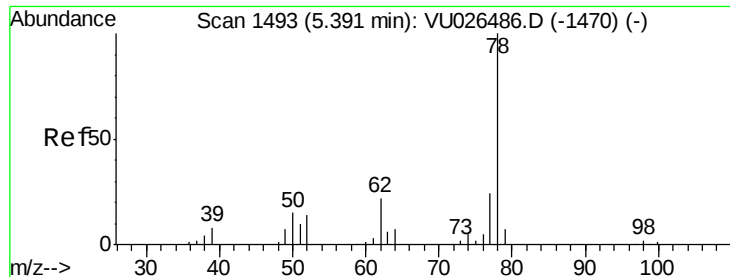
85 77.2 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU026498.D (-1270) (-)

Ion 85.00 (84.70 to 85.70): VU026498.D (-1270) (-)





#33

Benzene

Concen: 5.196 ug/L

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU026498.D

Acq: 31 Aug 2018 14:37

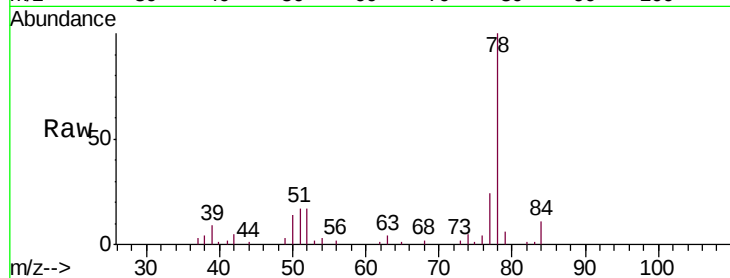
Instrument :

MSVOA_U

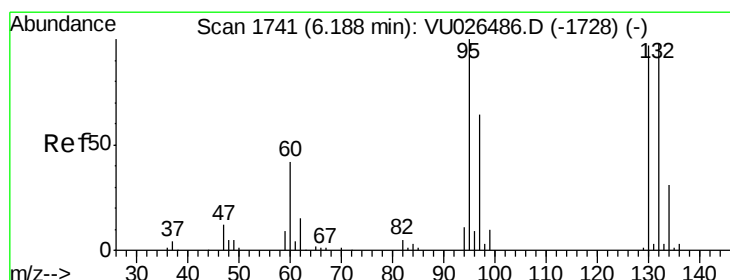
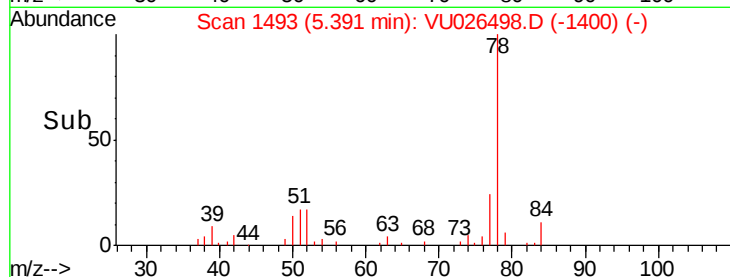
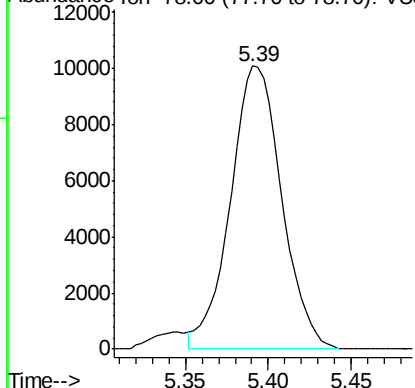
ClientSampleId :

BEE17

Tgt Ion: 78 Resp: 21686



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 61.371 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026498.D

Acq: 31 Aug 2018 14:37

Tgt Ion: 95 Resp: 64250

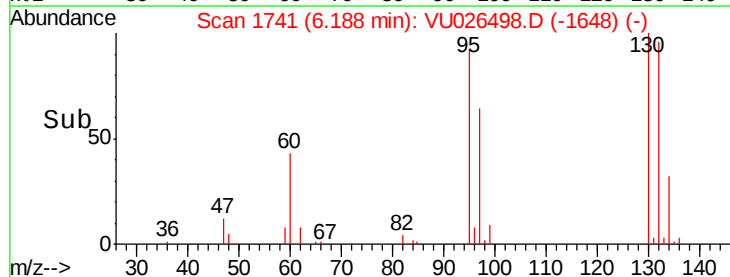
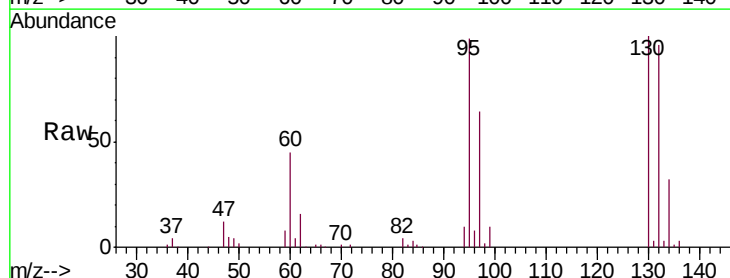
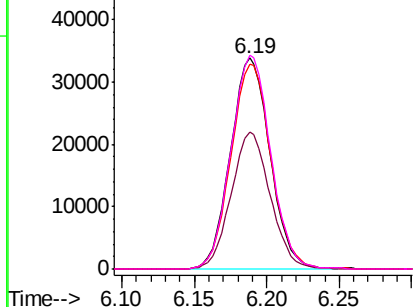
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.1	83.7
132	97.2	67.5	125.3
130	101.2	69.3	128.7

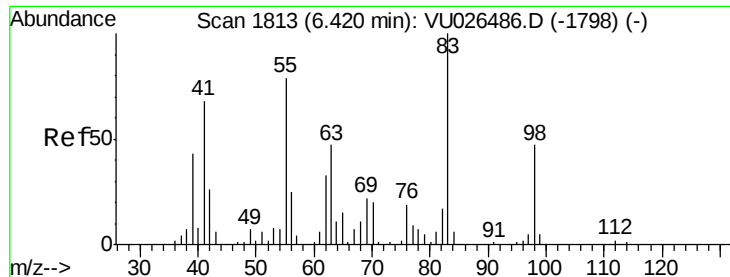
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

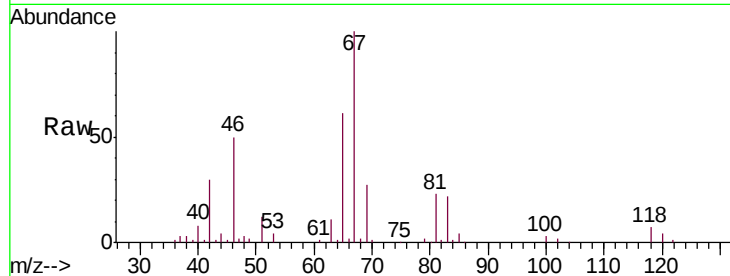




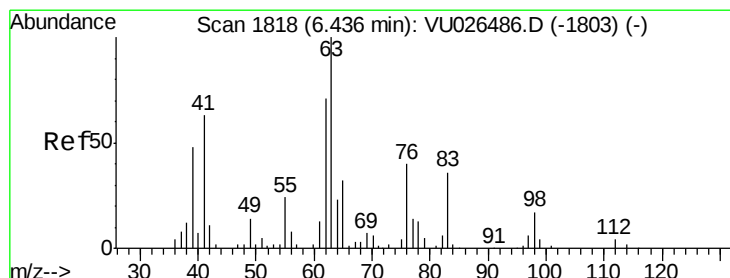
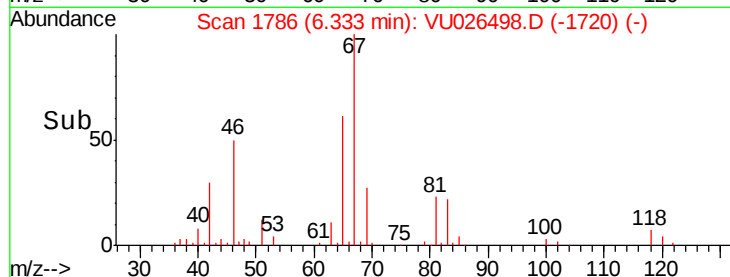
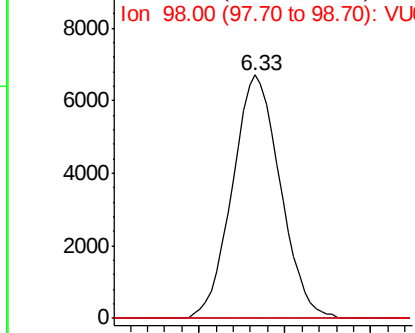
#35
Methylcyclohexane
Concen: 7.955 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026498.D
Acq: 31 Aug 2018 14:37

Instrument :
MSVOA_U
ClientSampleId :
BEE17

Tgt Ion: 83 Resp: 13004
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

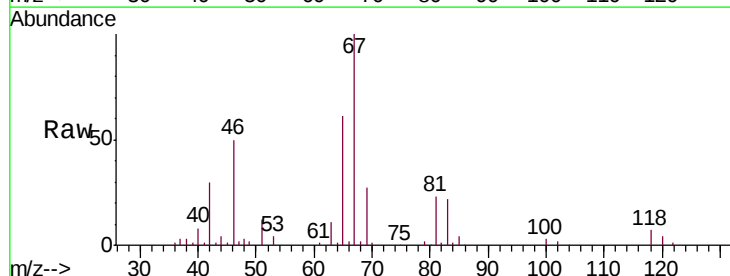


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

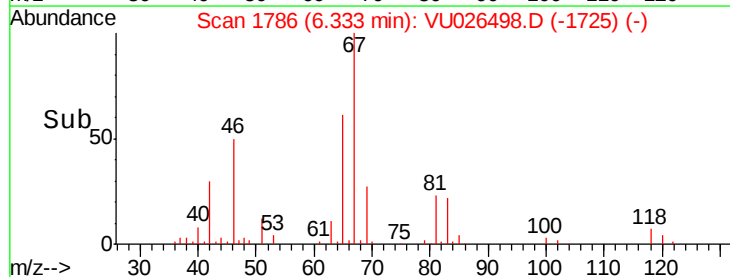
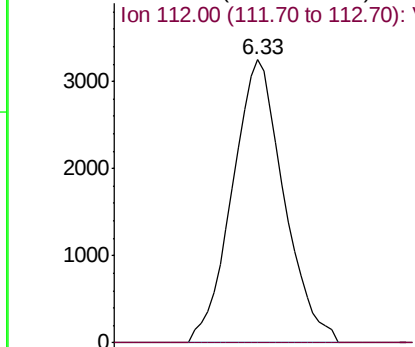


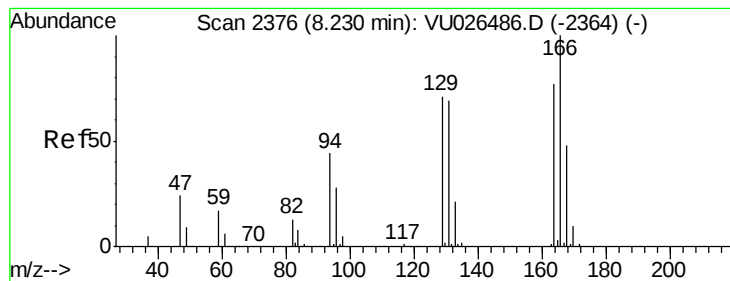
#37
1,2-Dichloropropane
Concen: 5.201 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026498.D
Acq: 31 Aug 2018 14:37

Tgt Ion: 63 Resp: 6010
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: 112.746 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026498.D

Acq: 31 Aug 2018 14:37

Instrument :

MSVOA_U

ClientSampleId :

BEE17

Tgt Ion:164 Resp: 96503

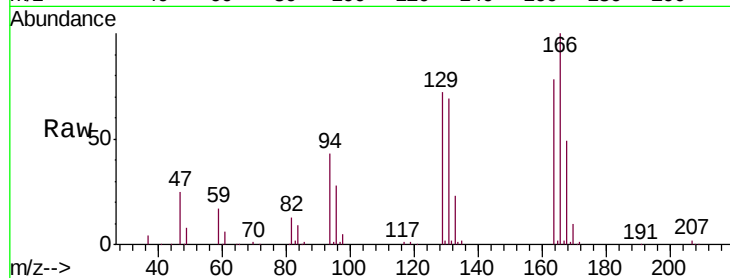
Ion Ratio Lower Upper

164 100

129 93.1 67.3 125.1

131 88.3 65.3 121.3

166 129.0 90.9 168.7

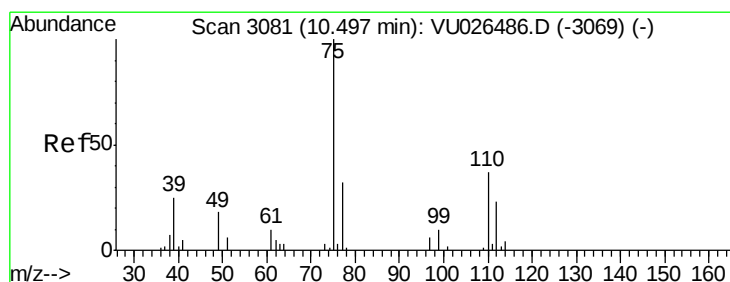
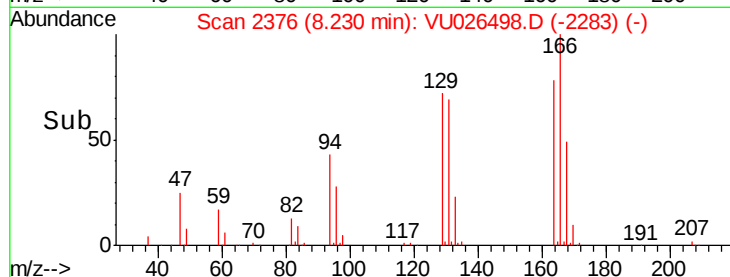
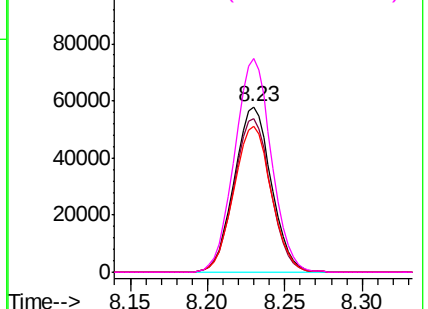


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.105 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026498.D

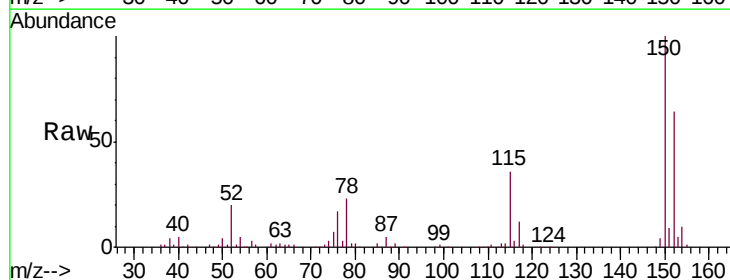
Acq: 31 Aug 2018 14:37

Tgt Ion: 75 Resp: 7360

Ion Ratio Lower Upper

75 100

77 36.0 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

