

Data File : VU027613.D
Acq On : 12 Oct 2018 09:38
Operator : MD/SY
Sample : J5380-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COT19

Quant Time: Oct 13 01:40:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	172192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67031	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.94%
7) Chloroethane-d5	1.68	69	54136	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.72%
11) 1,1-Dichloroethene-d2	2.27	63	97445	38.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.66%
21) 2-Butanone-d5	4.18	46	109834	100.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.40%
24) Chloroform-d	4.65	84	113470	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
26) 1,2-Dichloroethane-d4	5.31	65	78301	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
32) Benzene-d6	5.34	84	237065	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.74%
36) 1,2-Dichloropropane-d6	6.33	67	83024	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.12%
41) Toluene-d8	7.57	98	198289	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%
43) trans-1,3-Dichloropropene-	7.85	79	34925	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
47) 2-Hexanone-d5	8.31	63	76958	99.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	101400	50.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	66672	53.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.96%

Target Compounds

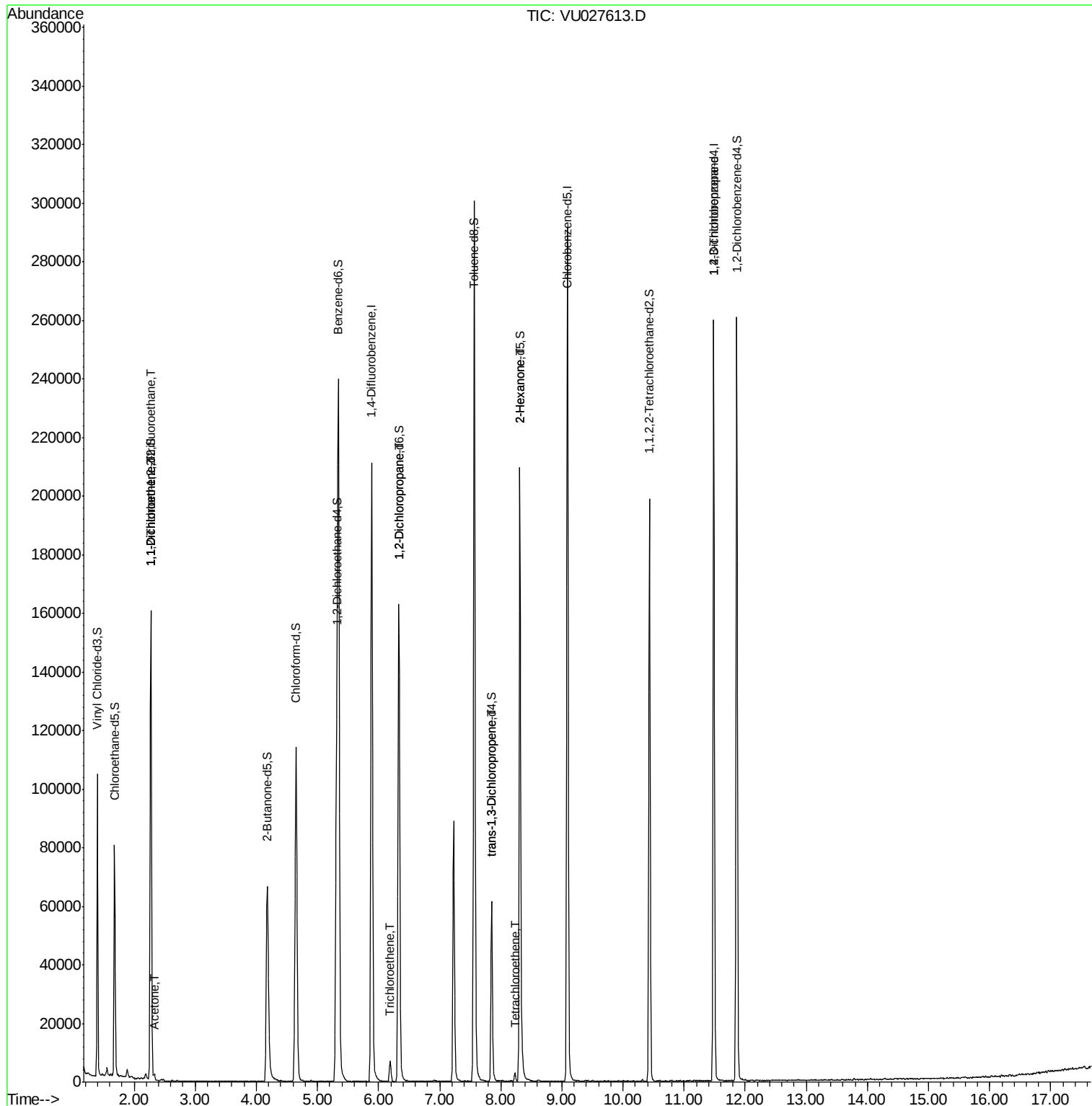
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	742	0.651	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	748	0.672	ug/L #	1
13) Acetone	2.33	43	516	0.575	ug/L #	44
34) Trichloroethene	6.19	95	2606	2.108	ug/L	96
37) 1,2-Dichloropropane	6.33	63	8620	5.787	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1489	0.733	ug/L	87
46) Tetrachloroethene	8.23	164	652	0.710	ug/L	89
48) 2-Hexanone	8.31	43	8804	5.112	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	8664	5.138	ug/L	90

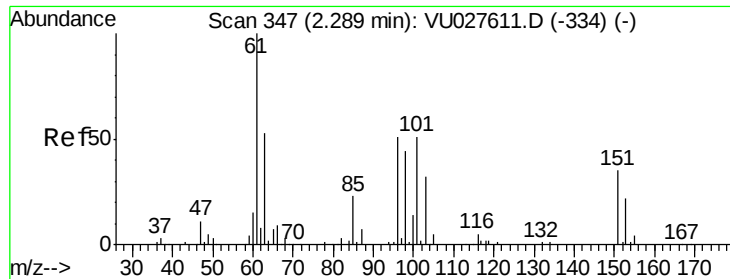
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.651 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

C0T19

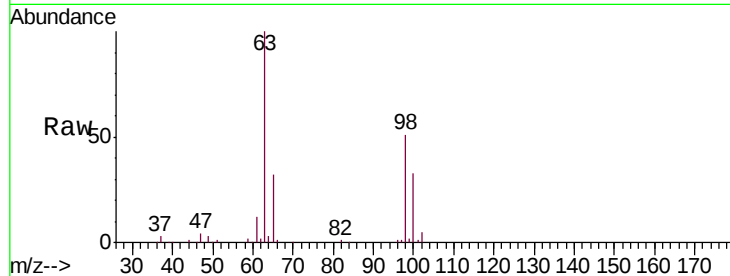
Tgt Ion: 101 Resp: 742

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

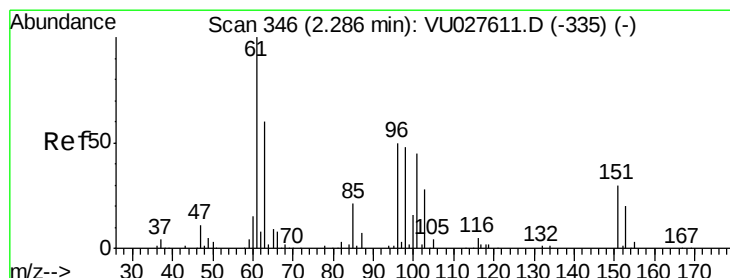
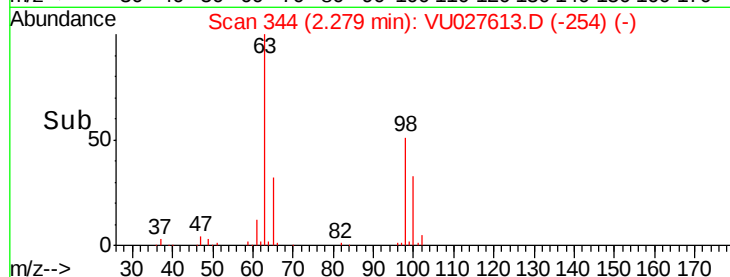
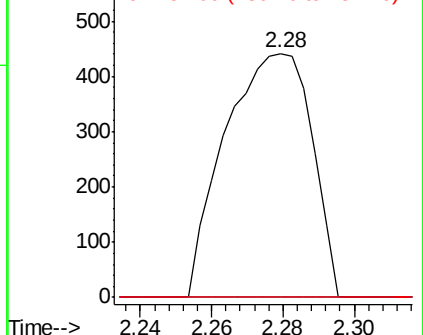
151 0.0 55.7 83.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.672 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU027613.D

Acq: 12 Oct 2018 09:38

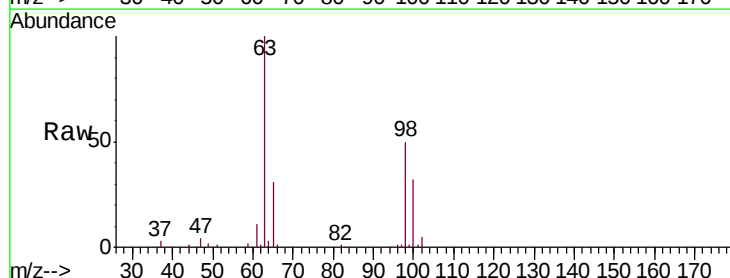
Tgt Ion: 96 Resp: 748

Ion Ratio Lower Upper

96 100

61 1338.0 135.2 251.0#

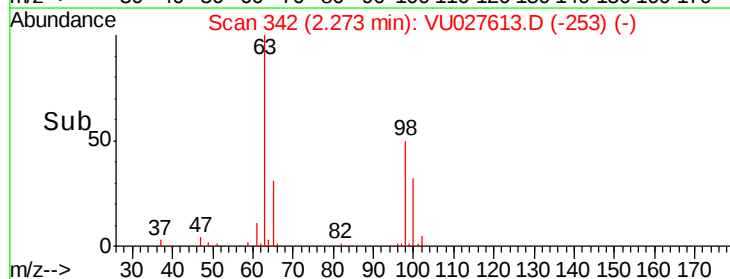
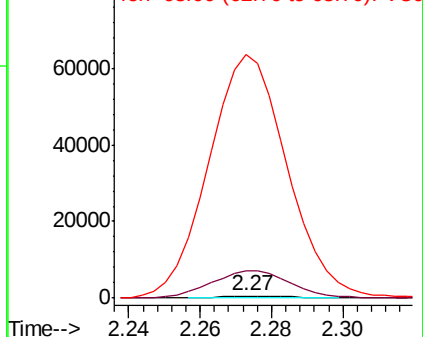
63 12082.1 94.3 175.1#

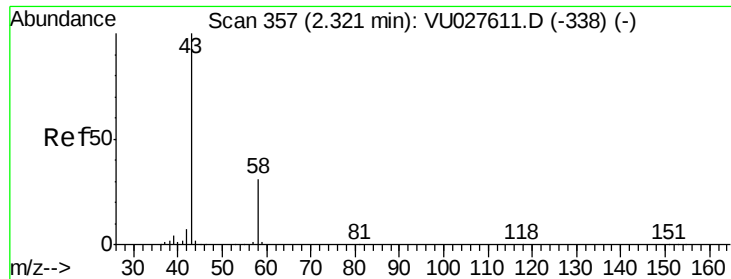


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.575 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

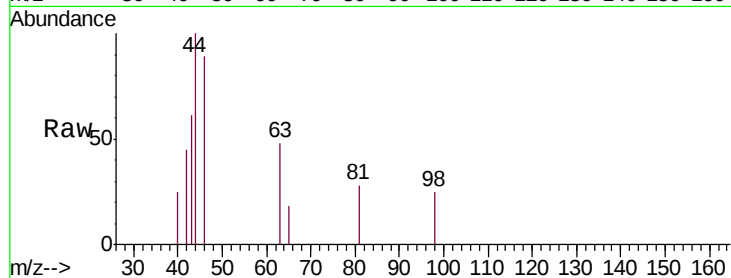
C0T19

Tgt Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

58 0.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

400

300

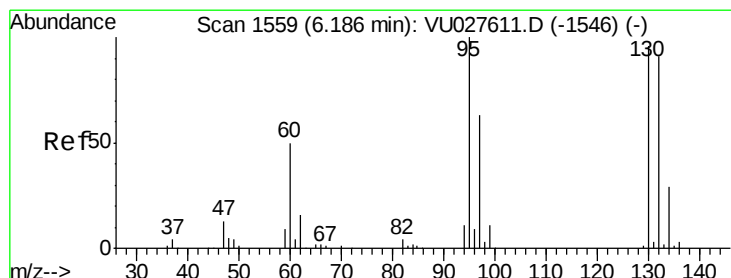
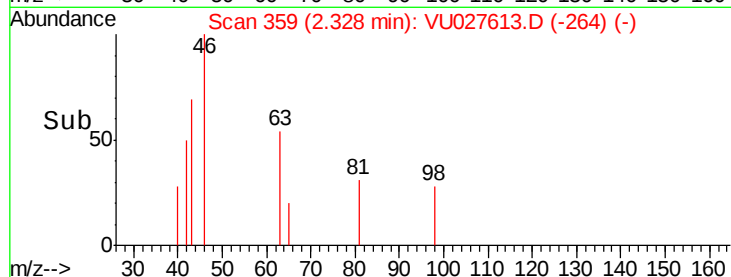
200

100

0

2.30 2.32 2.34

Time-->



#34

Trichloroethene

Concen: 2.108 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027613.D

Acq: 12 Oct 2018 09:38

Tgt Ion: 95 Resp: 2606

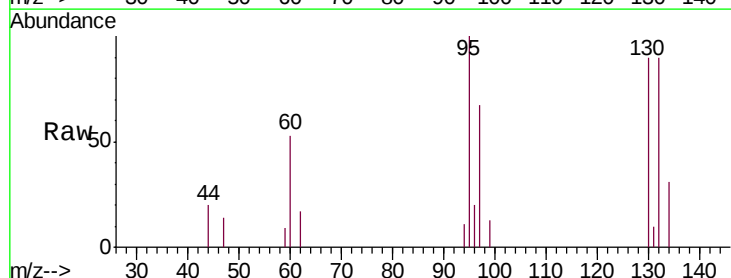
Ion Ratio Lower Upper

95 100

97 67.4 44.9 83.3

132 90.2 64.8 120.4

130 90.3 67.1 124.7



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

2000

1500

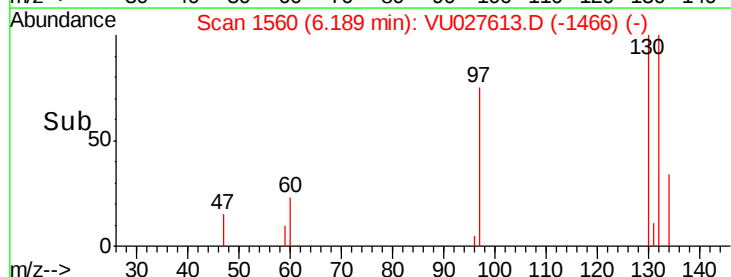
1000

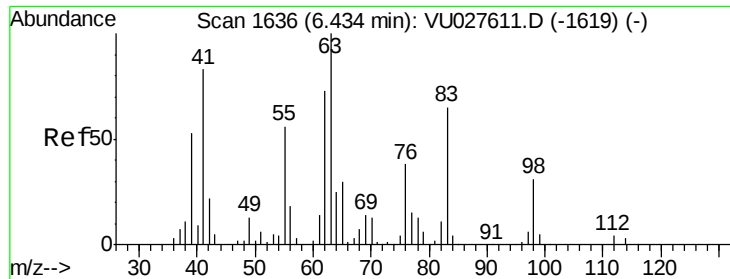
500

0

6.15 6.20

Time-->

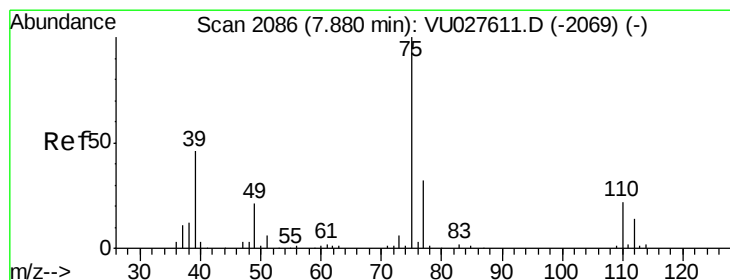
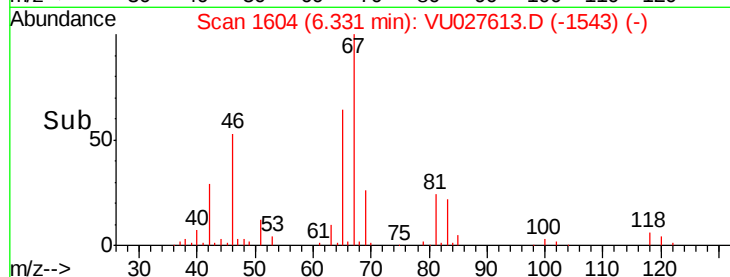
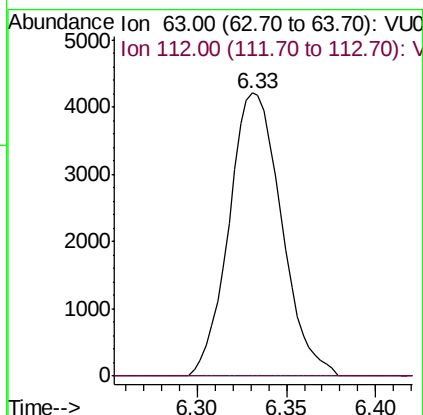
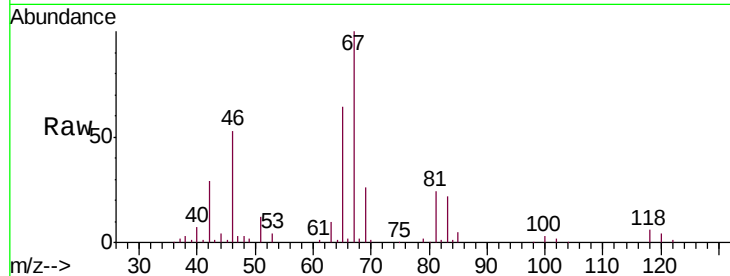




#37
 1,2-Dichloropropane
 Concen: 5.787 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027613.D
 Acq: 12 Oct 2018 09:38

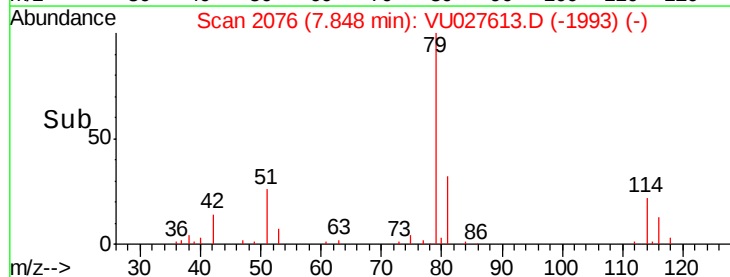
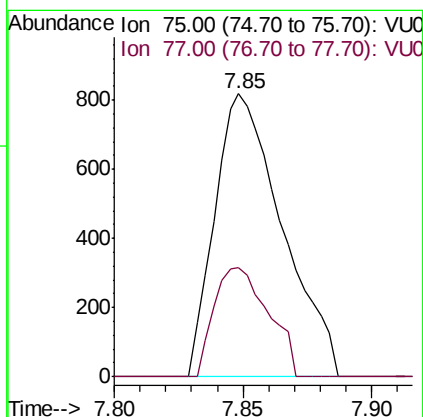
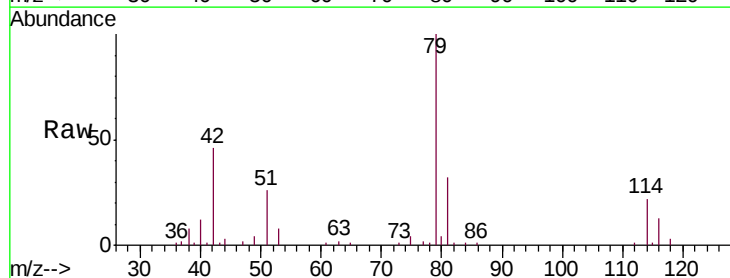
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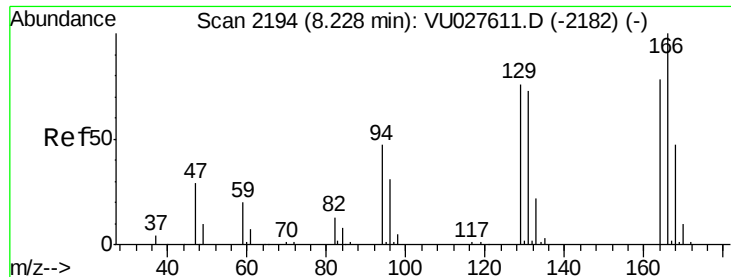
Tgt Ion: 63 Resp: 8620
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.733 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU027613.D
 Acq: 12 Oct 2018 09:38

Tgt Ion: 75 Resp: 1489
 Ion Ratio Lower Upper
 75 100
 77 38.8 22.2 41.2

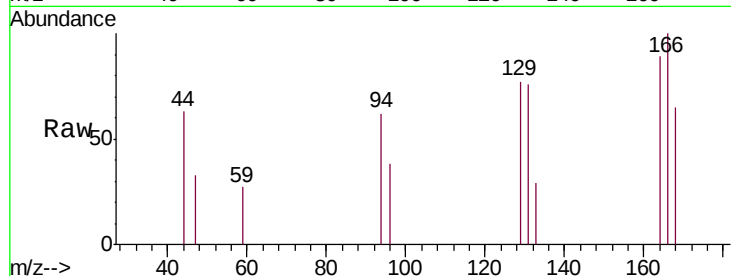




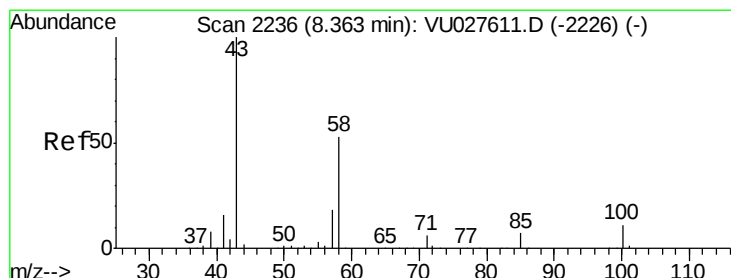
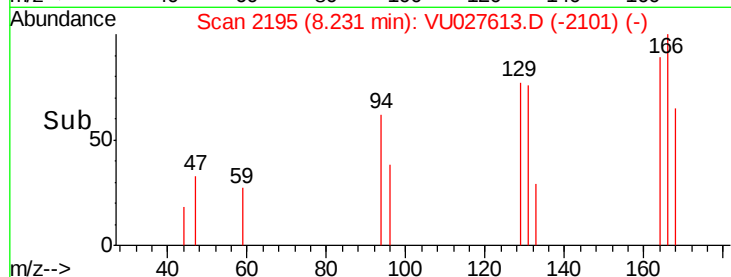
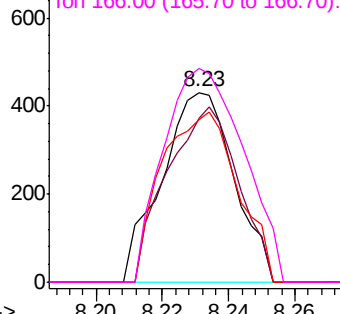
#46
Tetrachloroethene
Concen: 0.710 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027613.D
Acq: 12 Oct 2018 09:38

Instrument :
MSVOA_U
ClientSampleId :
C0T19

Tgt Ion: 164 Resp: 652
Ion Ratio Lower Upper
164 100
129 86.3 67.0 124.4
131 85.8 65.1 120.9
166 112.5 90.4 167.8

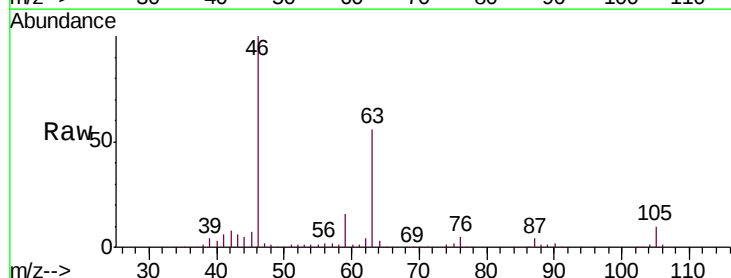


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

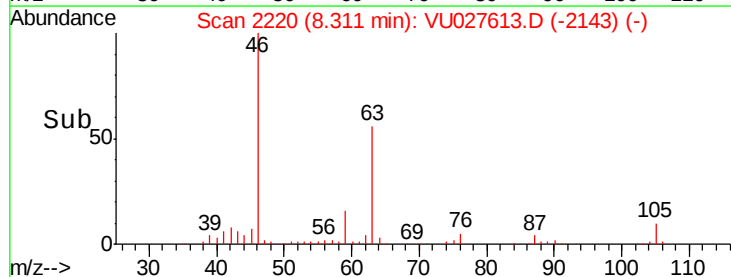
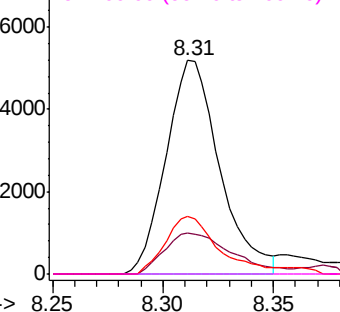


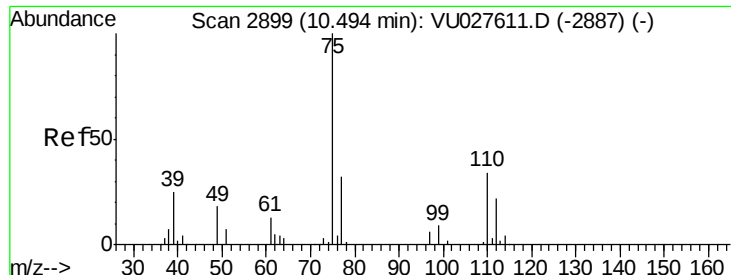
#48
2-Hexanone
Concen: 5.112 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027613.D
Acq: 12 Oct 2018 09:38

Tgt Ion: 43 Resp: 8804
Ion Ratio Lower Upper
43 100
58 24.3 42.7 64.1#
57 26.7 14.5 21.7#
100 0.0 8.2 12.2#



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





#59

1,2,3-Trichloropropane

Concen: 5.138 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027613.D

Acq: 12 Oct 2018 09:38

Instrument :

MSVOA_U

ClientSampleId :

C0T19

Tgt Ion: 75 Resp: 8664

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5

