

Data File : VU034607.D
Acq On : 17 Sep 2019 11:54
Operator : JC/SP
Sample : K4894-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMQ7

Quant Time: Sep 18 04:34:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 18 04:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	244144	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	225027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	87346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52618	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.34%
7) Chloroethane-d5	1.67	69	47399	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.64%
11) 1,1-Dichloroethene-d2	2.26	63	90280	37.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.92%
21) 2-Butanone-d5	4.15	46	150655	113.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.43%
24) Chloroform-d	4.62	84	139036	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
26) 1,2-Dichloroethane-d4	5.29	65	90033	55.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.36%
32) Benzene-d6	5.32	84	263845	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.64%
36) 1,2-Dichloropropane-d6	6.31	67	100388	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.00%
41) Toluene-d8	7.54	98	247295	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%
43) trans-1,3-Dichloropropene-	7.83	79	46357	52.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.52%
47) 2-Hexanone-d5	8.29	63	106806	106.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	151975	52.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.62%
64) 1,2-Dichlorobenzene-d4	11.84	152	85771	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%

Target Compounds

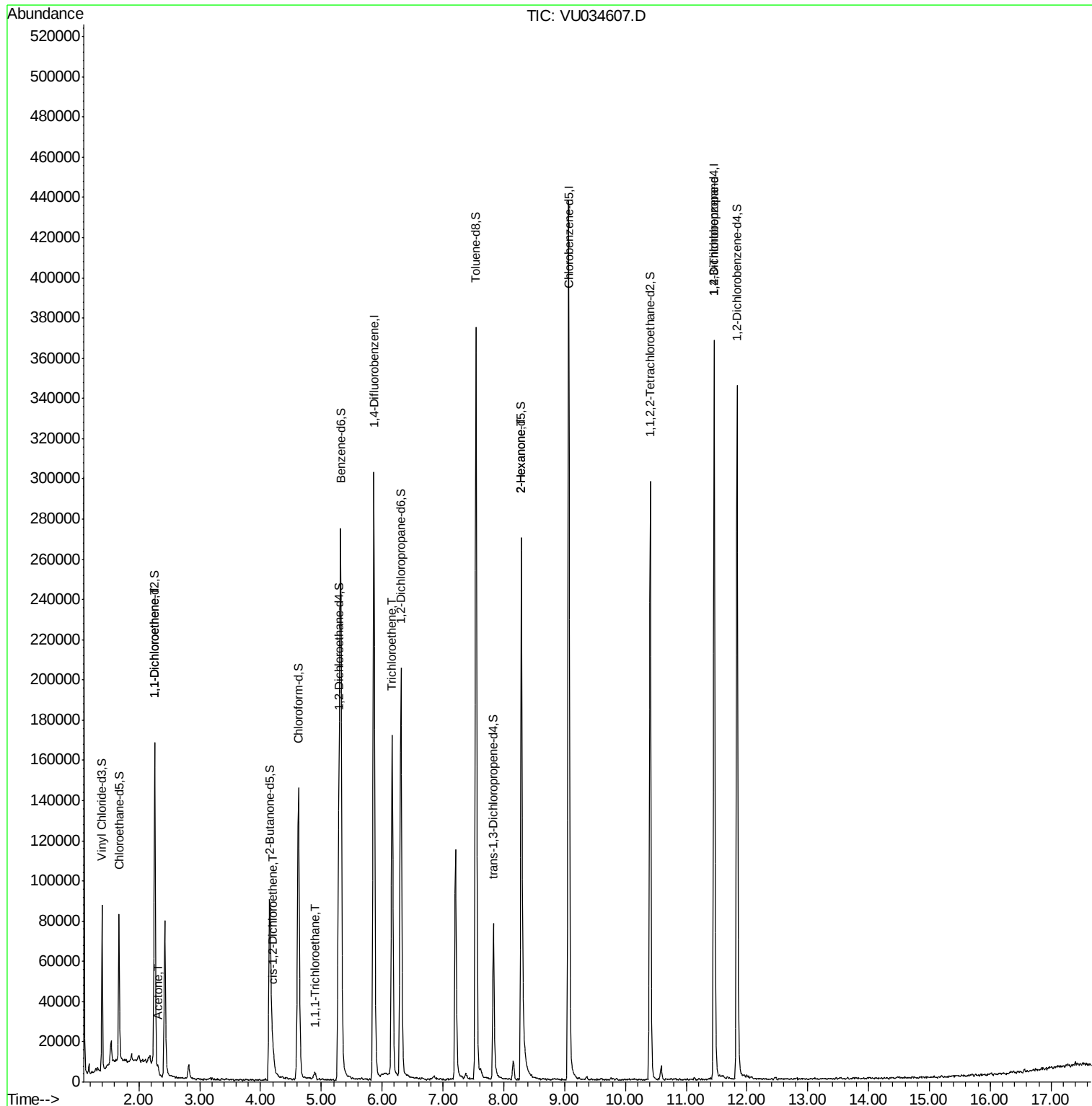
					Qvalue
12) 1,1-Dichloroethene	2.27	96	4804	4.140 ug/L #	1
13) Acetone	2.31	43	3208	2.688 ug/L	80
20) cis-1,2-Dichloroethene	4.20	96	4473	2.781 ug/L	92
30) 1,1,1-Trichloroethane	4.89	97	2854	1.269 ug/L #	27
34) Trichloroethene	6.16	95	59807	42.062 ug/L	94
48) 2-Hexanone	8.29	43	12250	5.411 ug/L #	63
59) 1,2,3-Trichloropropane	11.46	75	15018	6.346 ug/L	93

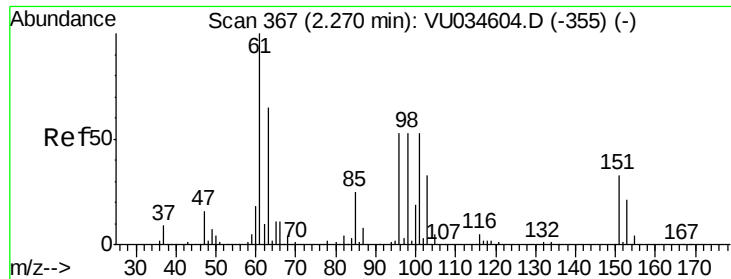
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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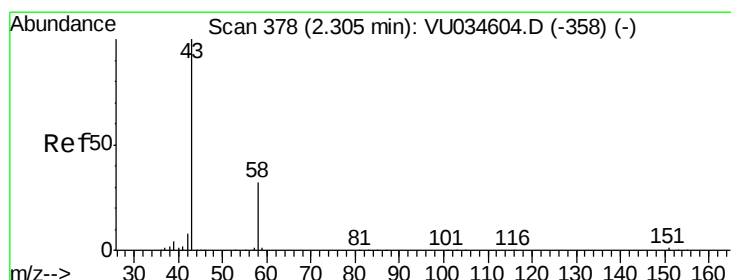
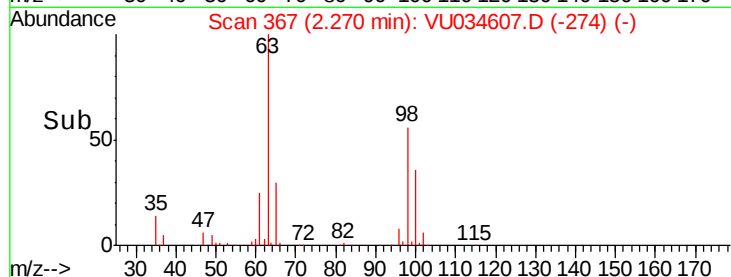
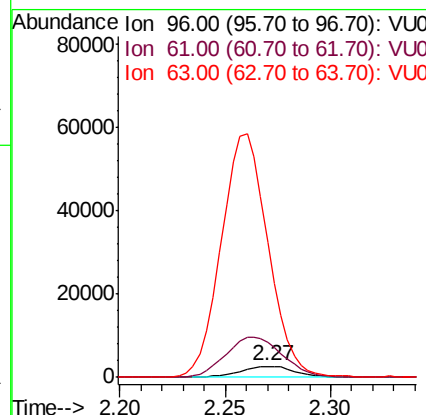
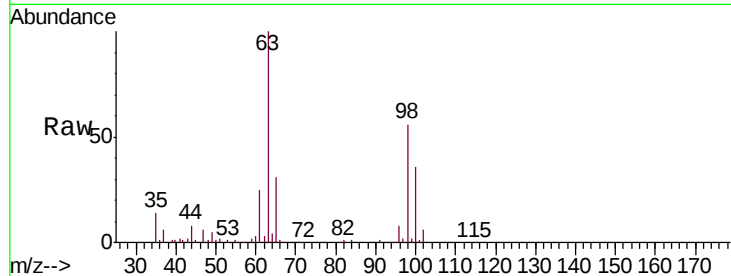




#12
 1,1-Dichloroethene
 Concen: 4.140 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VU034607.D
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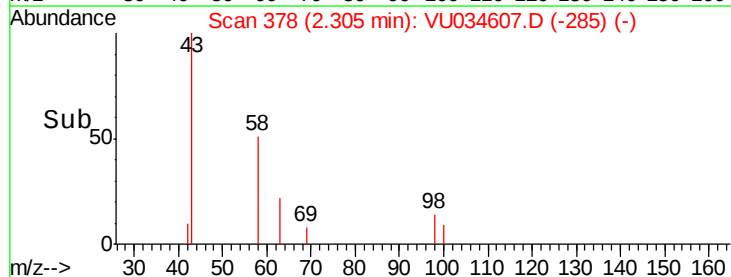
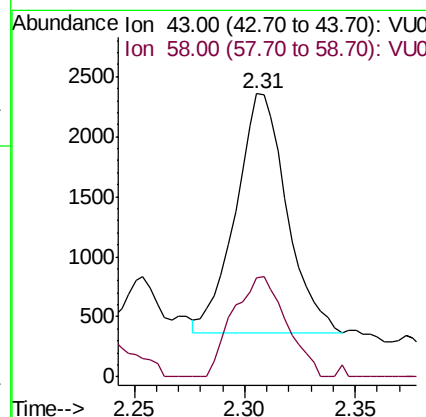
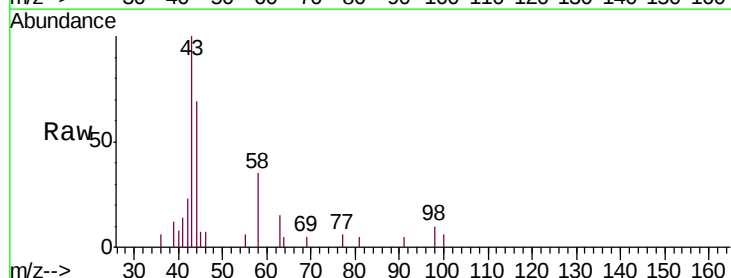
Instrument :
 MSVOA_U
 ClientSampleId :
 COMQ7

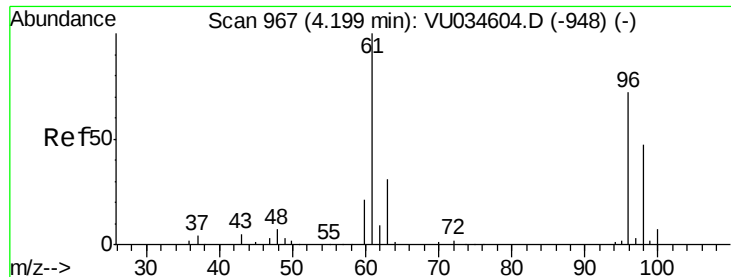
Tgt Ion: 96 Resp: 4804
 Ion Ratio Lower Upper
 96 100
 61 309.7 117.8 218.8#
 63 1214.5 83.8 155.6#



#13
 Acetone
 Concen: 2.688 ug/L
 RT: 2.31 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: VU034607.D
 Acq: 17 Sep 2019 11:54

Tgt Ion: 43 Resp: 3208
 Ion Ratio Lower Upper
 43 100
 58 43.8 0.0 65.0

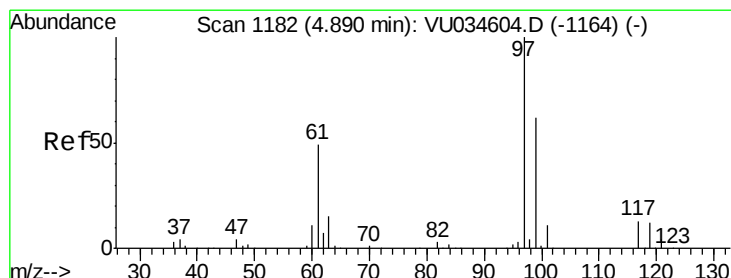
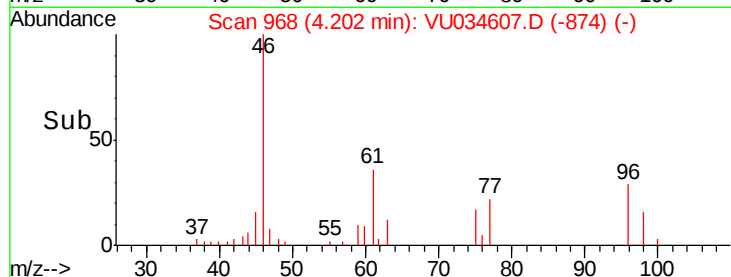
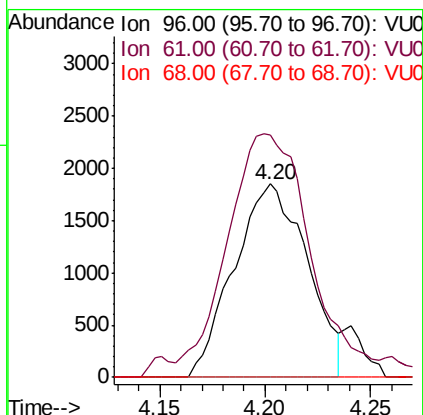
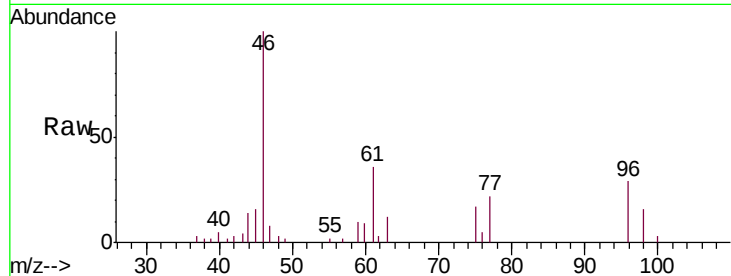




#20
 cis-1,2-Dichloroethene
 Concen: 2.781 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034607.D
 Acq: 17 Sep 2019 11:54

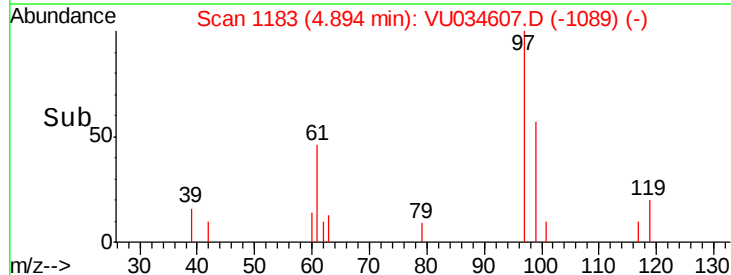
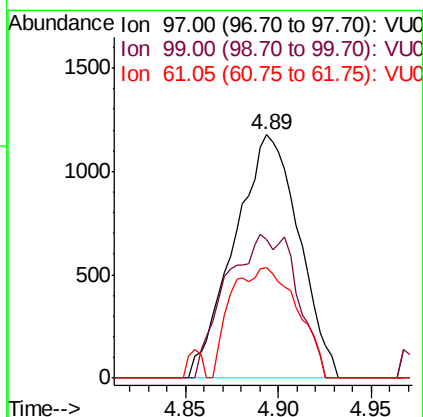
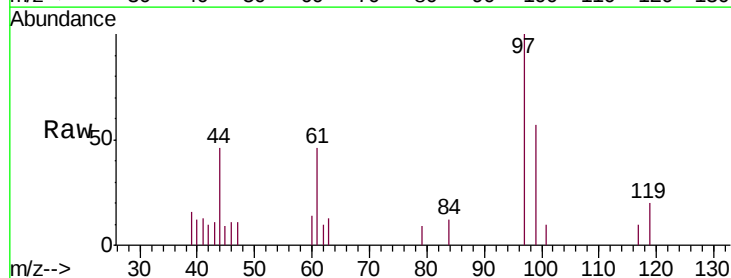
Instrument :
 MSVOA_U
 ClientSampleId :
 COMQ7

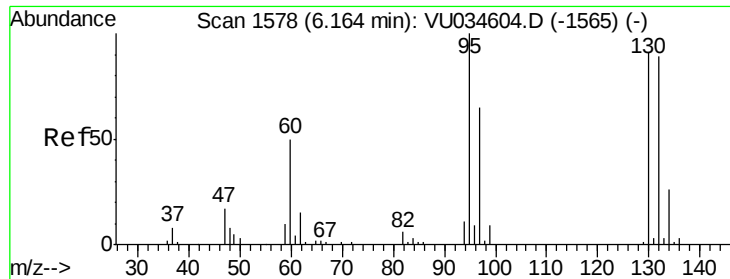
Tgt Ion: 96 Resp: 4473
 Ion Ratio Lower Upper
 96 100
 61 125.3 94.7 175.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.269 ug/L
 RT: 4.89 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: VU034607.D
 Acq: 17 Sep 2019 11:54

Tgt Ion: 97 Resp: 2854
 Ion Ratio Lower Upper
 97 100
 99 4.5 50.7 76.1#
 61 0.0 36.9 55.3#





#34

Trichloroethene

Concen: 42.062 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034607.D

Acq: 17 Sep 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

COMQ7

Tgt Ion: 95 Resp: 59807

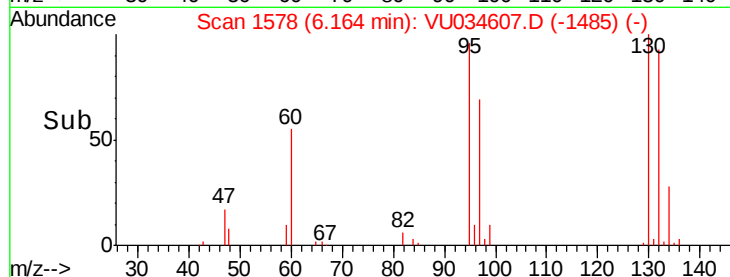
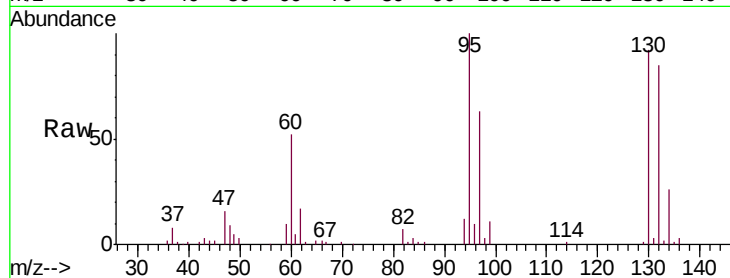
Ion Ratio Lower Upper

95 100

97 63.2 45.4 84.4

132 85.2 65.2 121.0

130 91.7 68.5 127.3

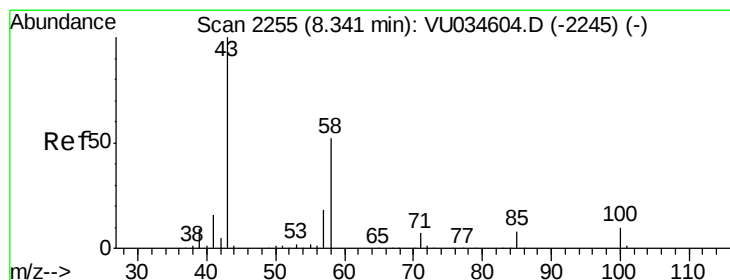
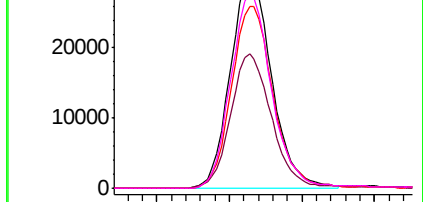


Abundance Ion 95.00 (94.70 to 95.70): VU034607.D (-1485) (-)

Ion 97.00 (96.70 to 97.70): VU034607.D (-1485) (-)

Ion 132.00 (131.70 to 132.70): VU034607.D (-1485) (-)

Ion 130.00 (129.70 to 130.70): VU034607.D (-1485) (-)



#48

2-Hexanone

Concen: 5.411 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

Lab File: VU034607.D

Acq: 17 Sep 2019 11:54

Tgt Ion: 43 Resp: 12250

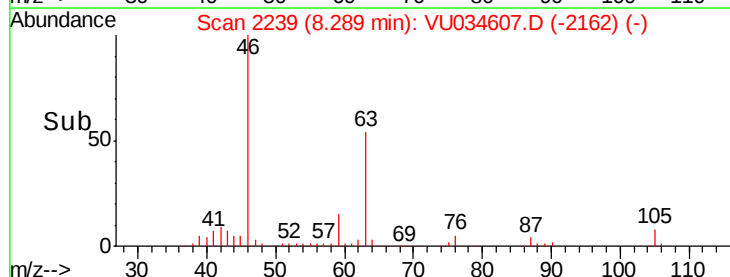
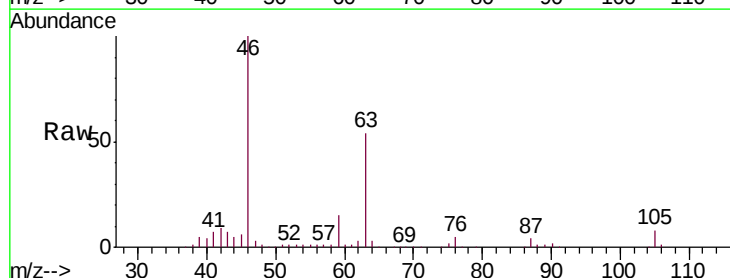
Ion Ratio Lower Upper

43 100

58 21.1 43.3 64.9#

57 22.9 13.1 19.7#

100 0.0 8.2 12.4#

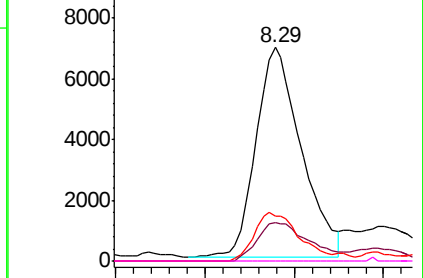


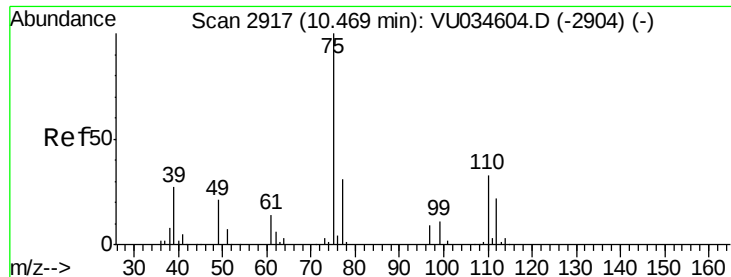
Abundance Ion 43.00 (42.70 to 43.70): VU034607.D (-2162) (-)

Ion 58.00 (57.70 to 58.70): VU034607.D (-2162) (-)

Ion 57.00 (56.70 to 57.70): VU034607.D (-2162) (-)

Ion 100.00 (99.70 to 100.70): VU034607.D (-2162) (-)





#59

1,2,3-Trichloropropane

Concen: 6.346 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034607.D

Acq: 17 Sep 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

COMQ7

Tgt Ion: 75 Resp: 15018

Ion Ratio Lower Upper

75 100

77 36.5 26.1 39.1

