

Data File : VU036165.D
Acq On : 12 Dec 2019 22:00
Operator : JC/MD
Sample : K6273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDQ5

Quant Time: Dec 13 02:46:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	270143	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110687	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130138	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.93	69	118825	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.59	63	133513	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.68	46	253895	57.73	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.46%
24) Chloroform-d	5.11	84	199318	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.75	65	107320	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.77	84	368949	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.73	67	122764	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	298689	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.21	79	45120	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.67	63	194800	50.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.92%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	117263	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	115149	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

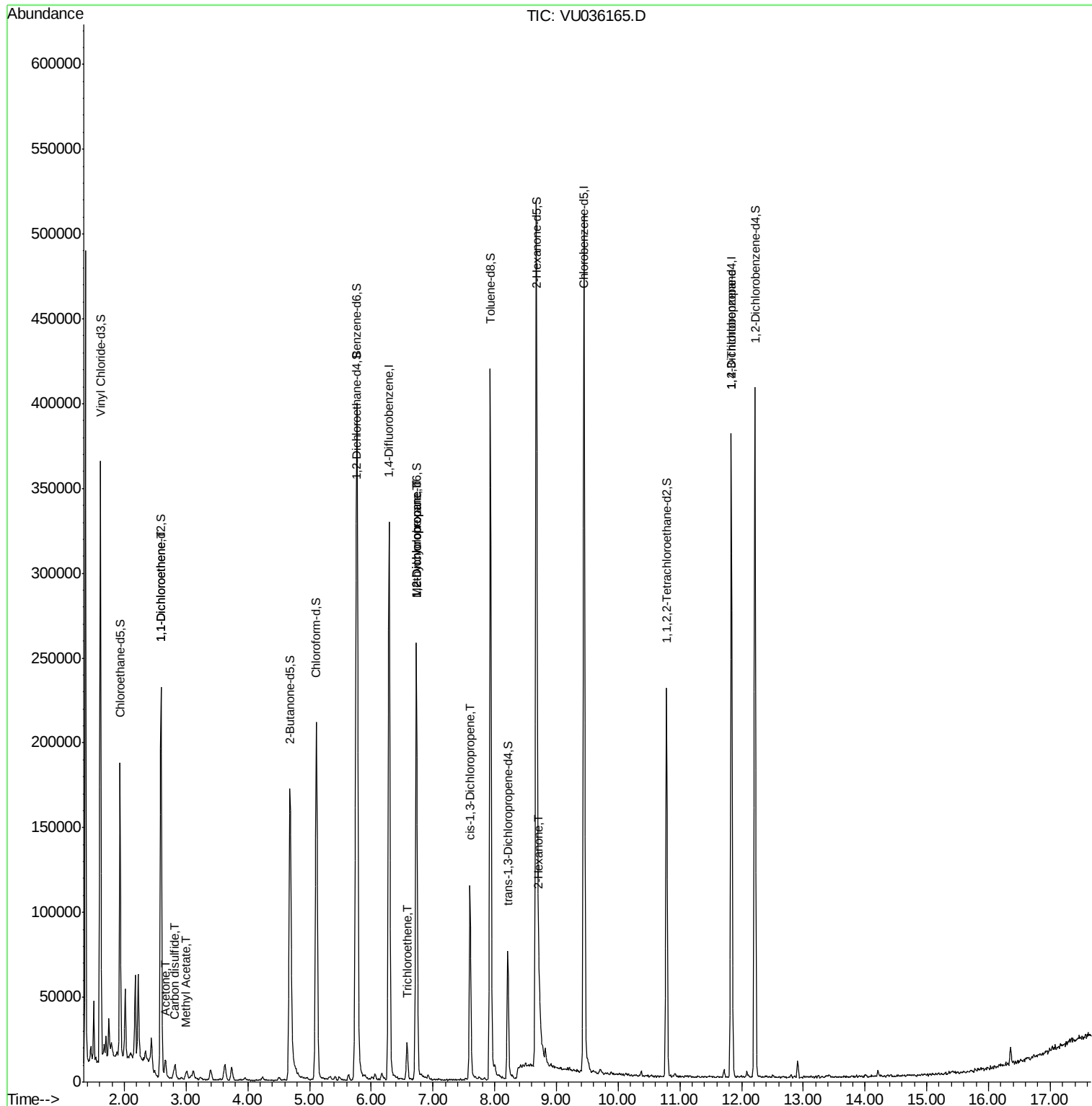
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1715	0.084 ug/L #	1
13) Acetone	2.67	43	12182	3.184 ug/L	99
14) Carbon disulfide	2.83	76	10261	0.152 ug/L	97
15) Methyl Acetate	2.99	43	1873	0.230 ug/L #	49
34) Trichloroethene	6.58	95	6673	0.284 ug/L	99
35) Methylcyclohexane	6.73	83	28855	0.861 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12867	0.542 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3267	0.104 ug/L #	63
48) 2-Hexanone	8.72	43	8985	1.023 ug/L #	56
59) 1,2,3-Trichloropropane	11.83	75	12345	0.789 ug/L	93

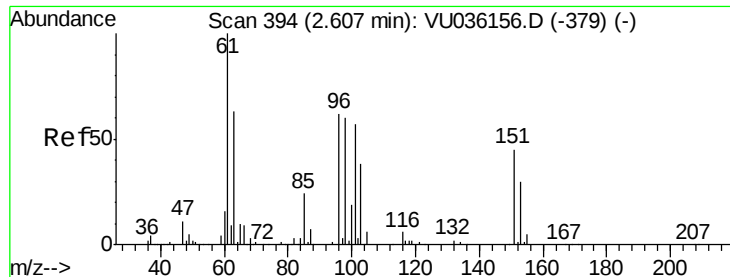
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036165.D

Acq: 12 Dec 2019 22:00

Instrument :

MSVOA_U

ClientSampleId :

BFDQ5

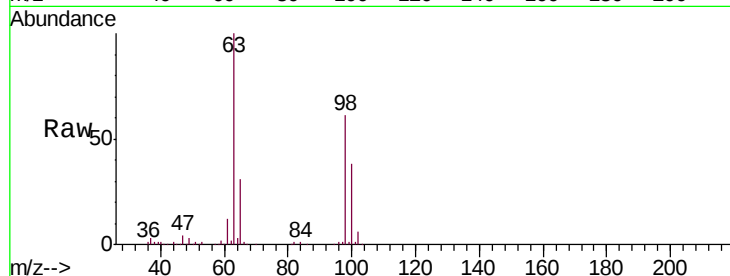
Tgt Ion: 96 Resp: 1715

Ion Ratio Lower Upper

96 100

61 997.4 110.6 205.4#

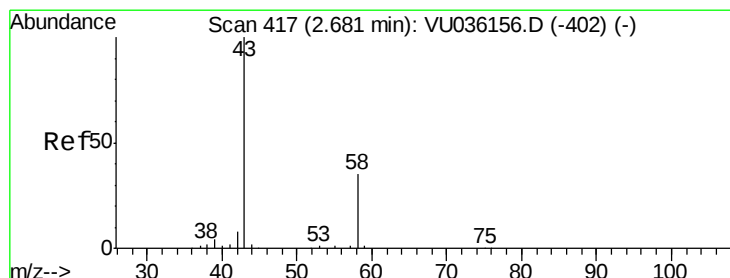
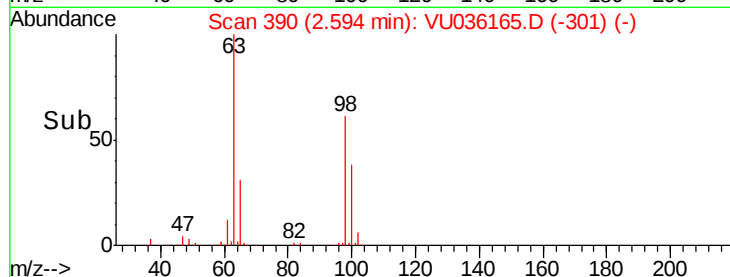
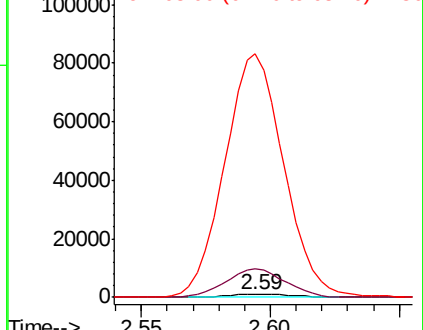
63 8558.0 71.6 133.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 3.184 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU036165.D

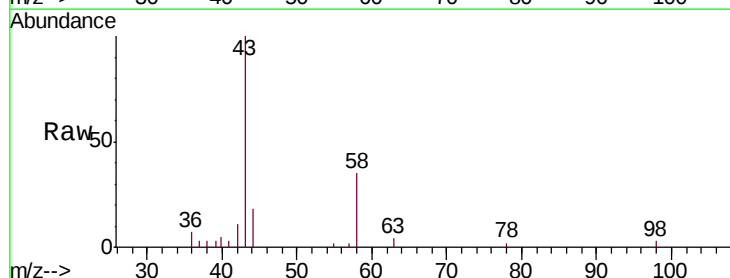
Acq: 12 Dec 2019 22:00

Tgt Ion: 43 Resp: 12182

Ion Ratio Lower Upper

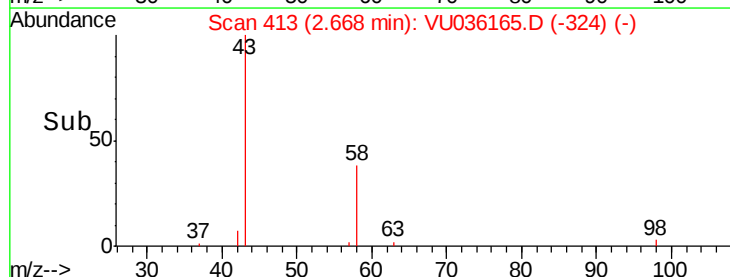
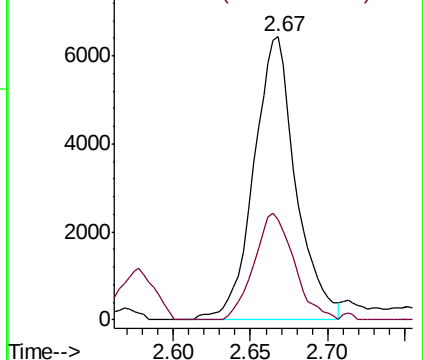
43 100

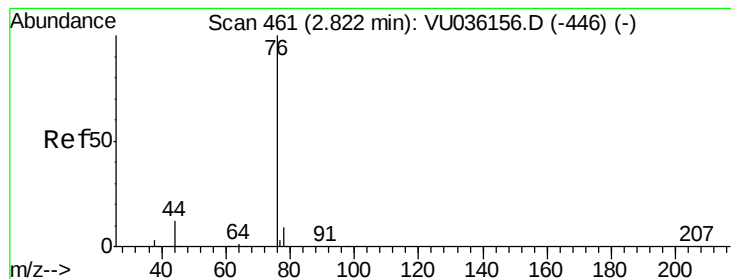
58 35.8 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.152 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036165.D

Acq: 12 Dec 2019 22:00

Instrument :

MSVOA_U

ClientSampleId :

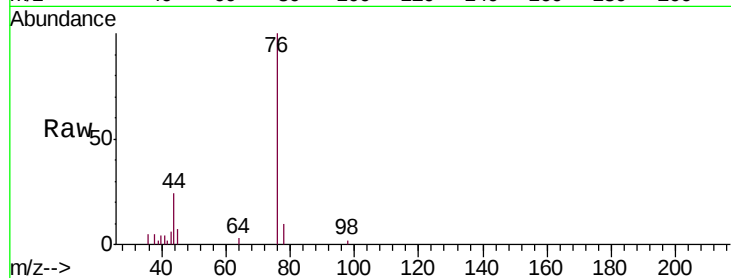
BFDQ5

Tgt Ion: 76 Resp: 10261

Ion Ratio Lower Upper

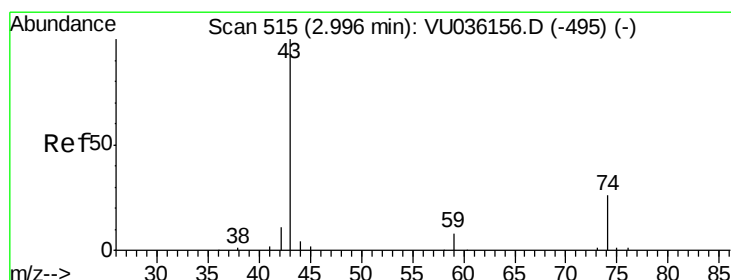
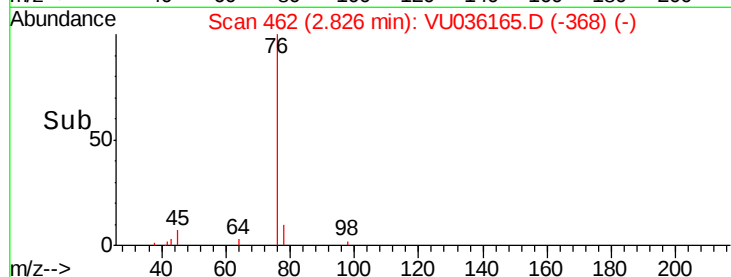
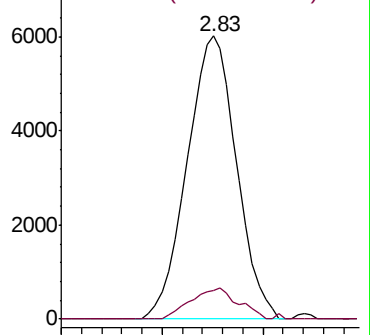
76 100

78 10.1 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU036165.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU036165.D (-446) (-)



#15

Methyl Acetate

Concen: 0.230 ug/L

RT: 2.99 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU036165.D

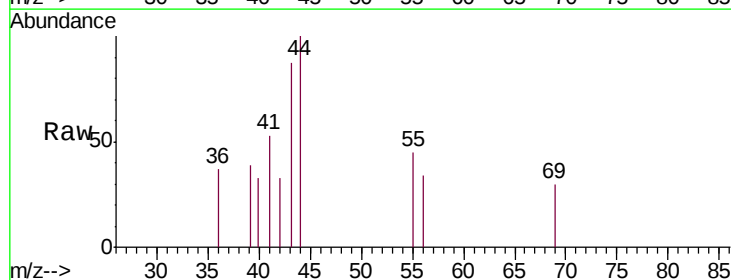
Acq: 12 Dec 2019 22:00

Tgt Ion: 43 Resp: 1873

Ion Ratio Lower Upper

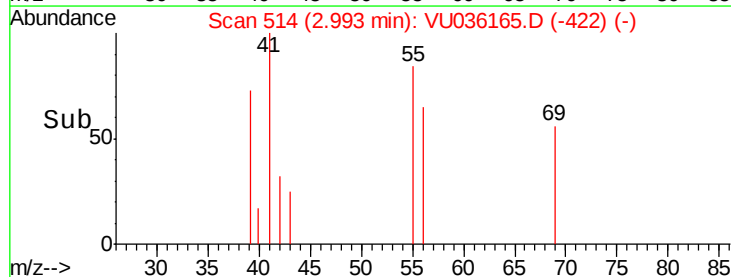
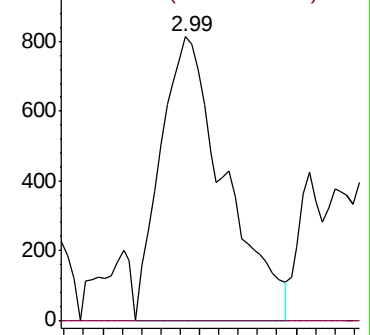
43 100

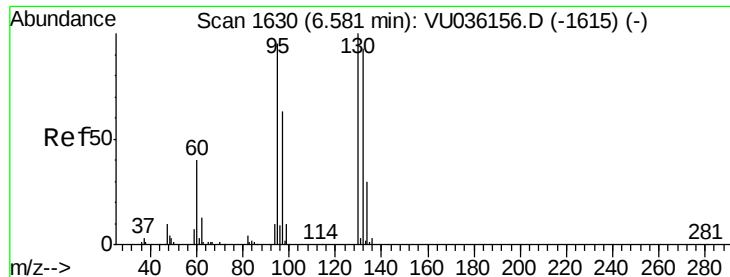
74 0.0 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VU036165.D (-495) (-)

Ion 74.05 (73.75 to 74.75): VU036165.D (-495) (-)





#34

Trichloroethene

Concen: 0.284 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU036165.D

Acq: 12 Dec 2019 22:00

Instrument :

MSVOA_U

ClientSampleId :

BFDQ5

Tgt Ion: 95 Resp: 6673

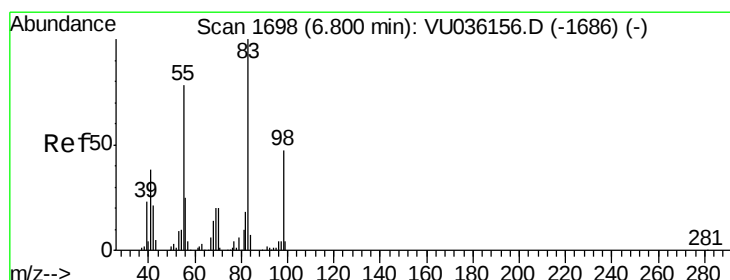
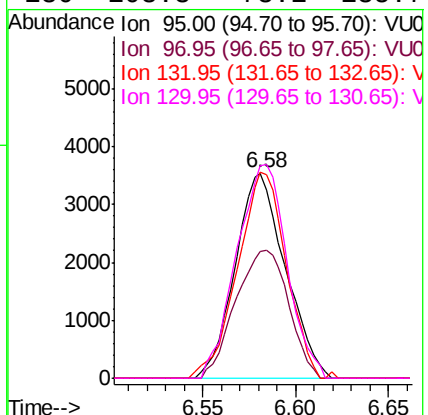
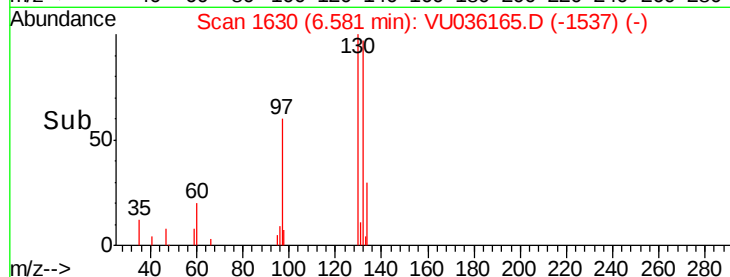
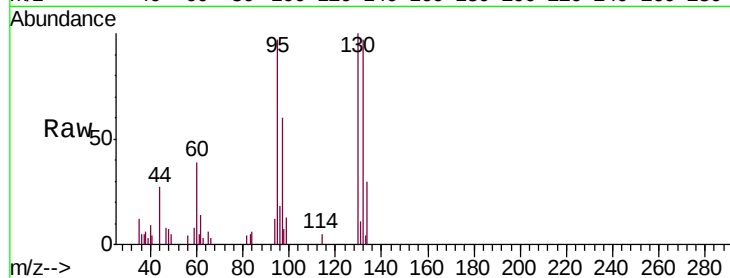
Ion Ratio Lower Upper

95 100

97 61.9 43.7 81.1

132 100.5 71.7 133.3

130 103.3 73.1 135.7



#35

Methylcyclohexane

Concen: 0.861 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036165.D

Acq: 12 Dec 2019 22:00

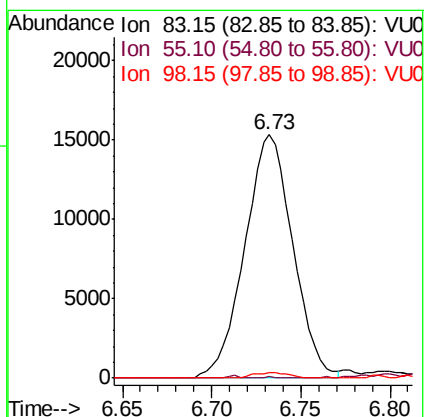
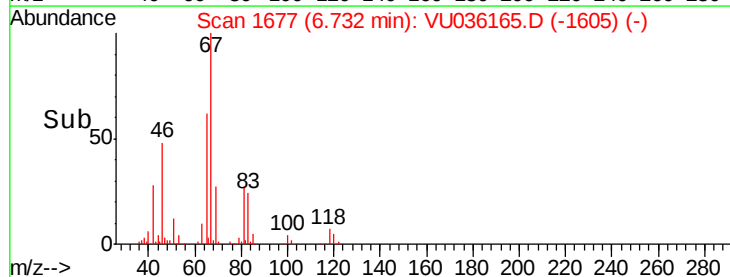
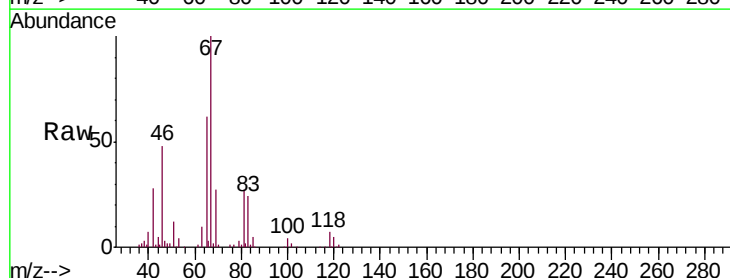
Tgt Ion: 83 Resp: 28855

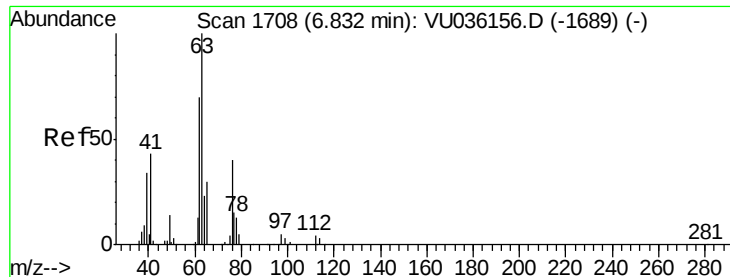
Ion Ratio Lower Upper

83 100

55 0.1 61.9 92.9#

98 1.6 35.8 53.6#

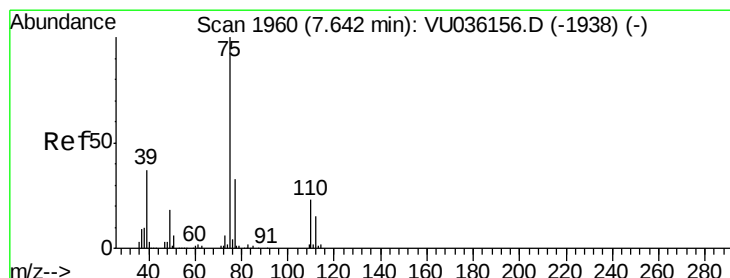
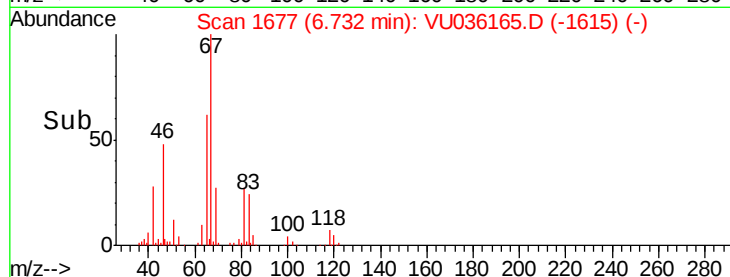
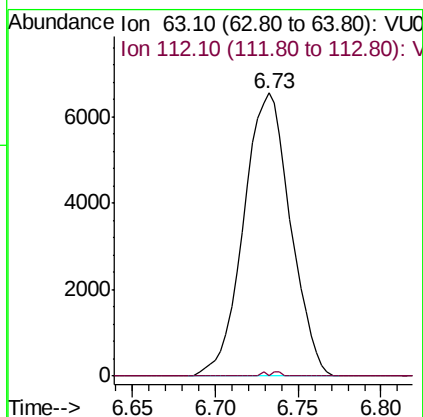
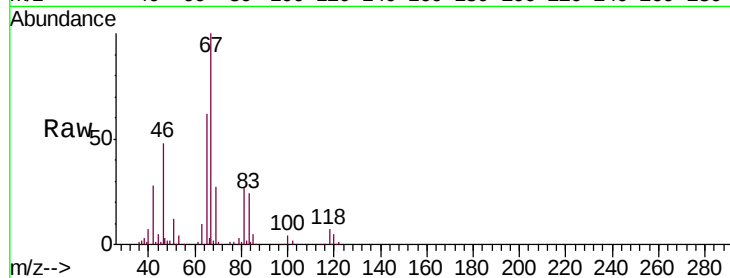




#37
 1,2-Dichloropropane
 Concen: 0.542 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036165.D
 Acq: 12 Dec 2019 22:00

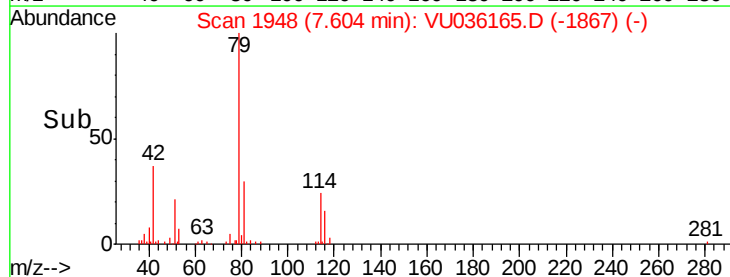
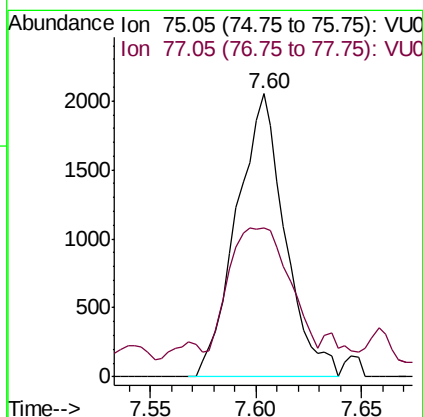
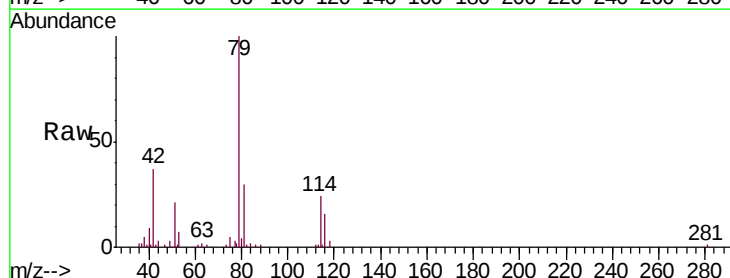
Instrument :
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 ClientSampleId :
 BFDQ5

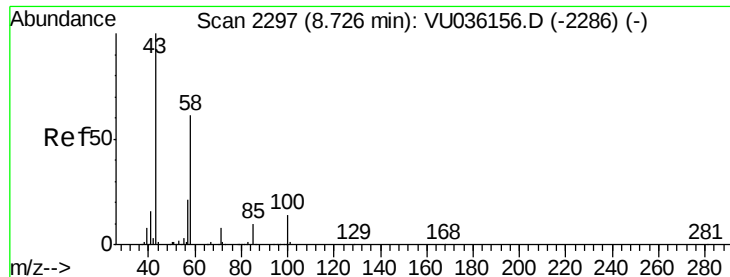
Tgt Ion: 63 Resp: 12867
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036165.D
 Acq: 12 Dec 2019 22:00

Tgt Ion: 75 Resp: 3267
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.3 41.5#

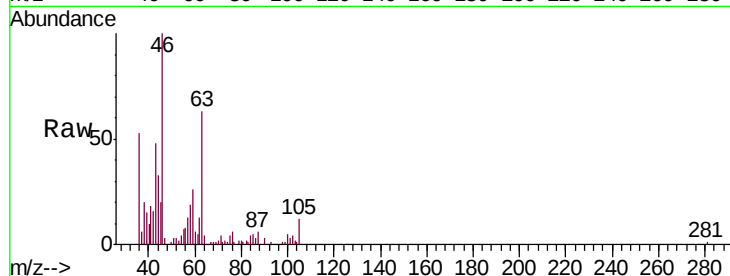




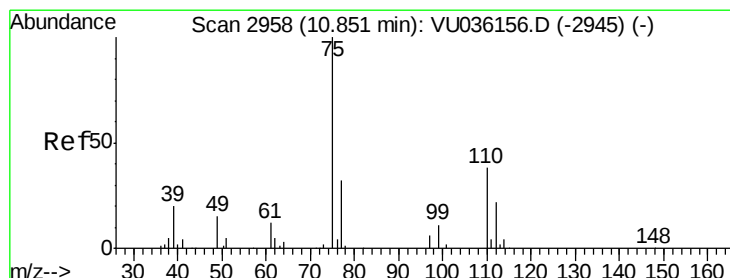
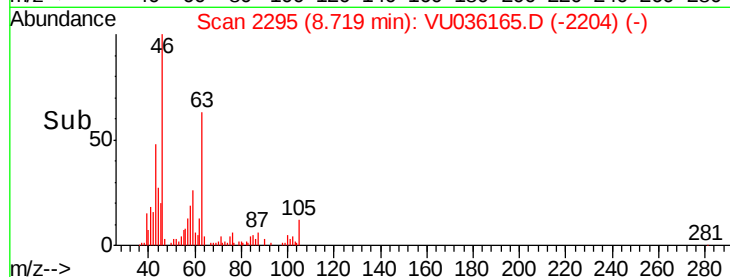
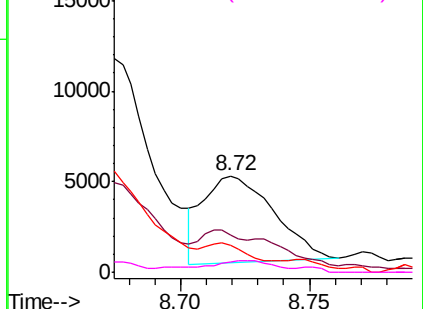
#48
 2-Hexanone
 Concen: 1.023 ug/L
 RT: 8.72 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: VU036165.D
 Acq: 12 Dec 2019 22:00

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ5

Tgt Ion: 43 Resp: 8985
 Ion Ratio Lower Upper
 43 100
 58 9.0 48.6 72.8#
 57 19.4 16.7 25.1
 100 13.8 10.6 15.8

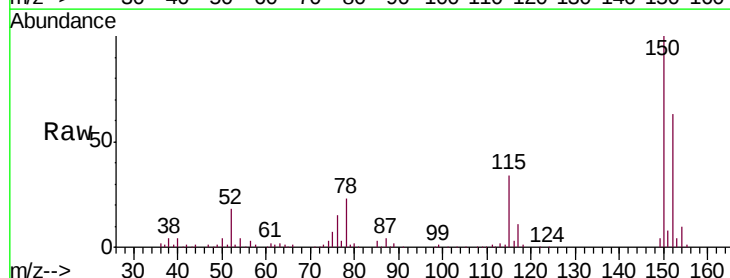


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 0.789 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036165.D
 Acq: 12 Dec 2019 22:00

Tgt Ion: 75 Resp: 12345
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

