

Data File : VU036160.D
Acq On : 12 Dec 2019 19:59
Operator : JC/MD
Sample : K6273-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDQ0

Quant Time: Dec 13 02:46:02 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	0.00	114	0	0.00	ug/L	-6.29
28) Chlorobenzene-d5	9.54	117	216603	5.00	ug/L	0.09
60) 1,4-Dichlorobenzene-d4	11.86	152	99667	5.00	ug/L	0.03

System Monitoring Compounds

4) Vinyl Chloride-d3	1.88	65	63	0.00	ug/L	0.27
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.96	69	20	0.00	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.00%#
11) 1,1-Dichloroethene-d2	2.62	63	323	0.00	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	4.58	46	1088	0.00	ug/L	-0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.00%#
24) Chloroform-d	5.09	84	82	0.00	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	5.69	65	98	0.00	ug/L	-0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
32) Benzene-d6	5.63	84	180042	3.11	ug/L	-0.14
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.20%#
36) 1,2-Dichloropropane-d6	6.47	67	9671	0.54	ug/L	-0.26
Spiked Amount	5.000	Range	60 - 140	Recovery	=	10.80%#
41) Toluene-d8	8.11	98	207967	3.89	ug/L	0.18
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.36	79	30713	4.08	ug/L	0.15
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.79	63	119752	43.25	ug/L	0.12
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.50%
57) 1,1,2,2-Tetrachloroethane-	10.82	84	100705	6.27	ug/L	0.04
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.40%#
64) 1,2-Dichlorobenzene-d4	12.24	152	104654	5.53	ug/L	0.02
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

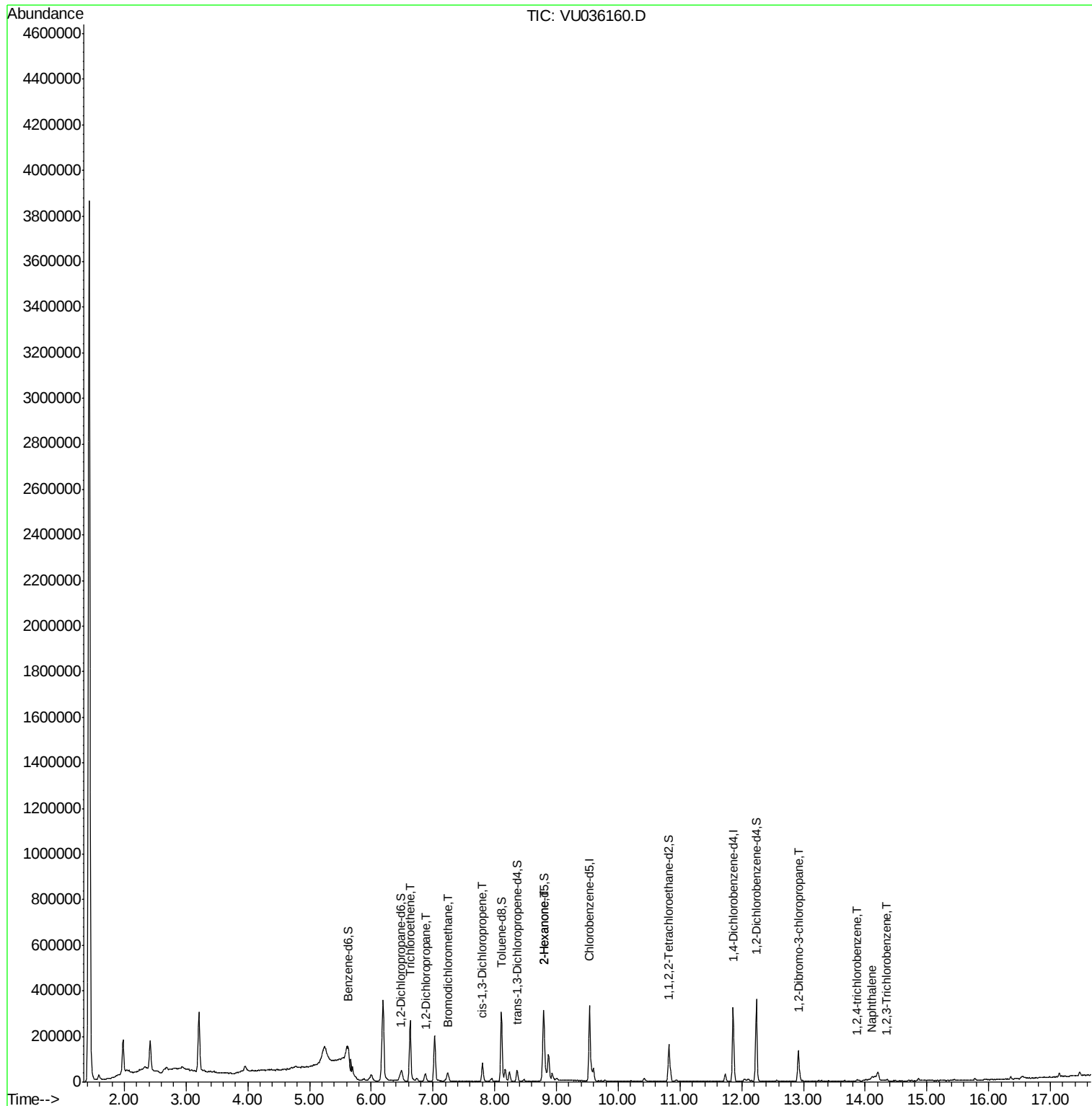
					Qvalue
34) Trichloroethene	6.63	95	5613	0.329 ug/L #	3
37) 1,2-Dichloropropane	6.87	63	6028	0.351 ug/L #	77
38) Bromodichloromethane	7.24	83	5763	0.263 ug/L #	48
39) cis-1,3-Dichloropropene	7.80	75	2159	0.095 ug/L #	1
48) 2-Hexanone	8.79	43	18828	2.958 ug/L #	62
66) 1,2-Dibromo-3-chloropropan	12.93	75	867	0.431 ug/L #	1
68) 1,2,4-trichlorobenzene	13.86	180	1985	0.178 ug/L #	61
69) Naphthalene	14.11	128	4906	0.427 ug/L #	89
70) 1,2,3-Trichlorobenzene	14.35	180	1930	0.186 ug/L	88

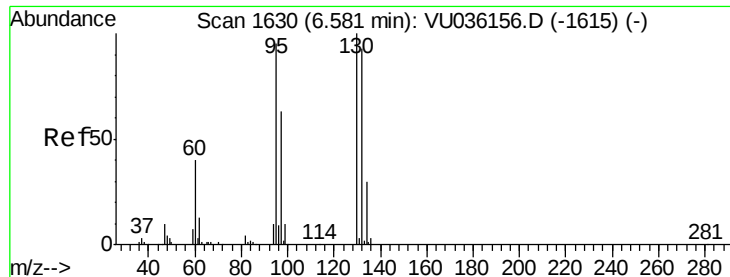
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.329 ug/L

RT: 6.63 min Scan# 1646

Delta R.T. 0.05 min

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Instrument :

MSVOA_U

ClientSampleId :

BFDQ0

Tgt Ion: 95 Resp: 5613

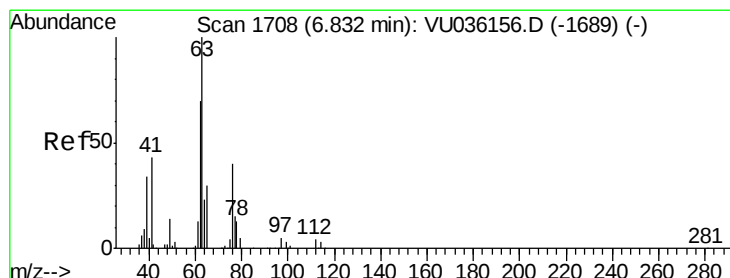
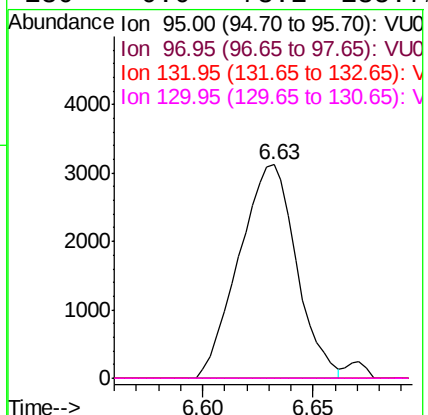
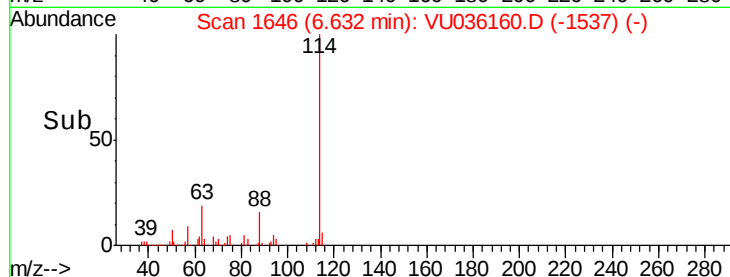
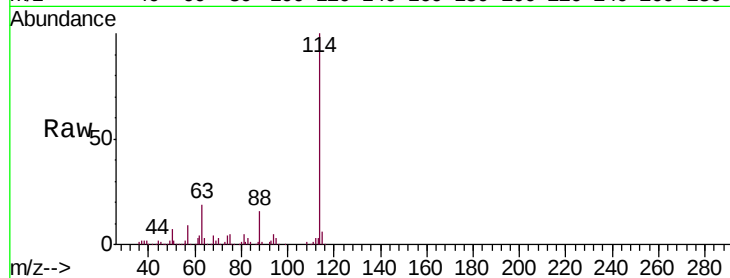
Ion Ratio Lower Upper

95 100

97 0.0 43.7 81.1#

132 0.0 71.7 133.3#

130 0.0 73.1 135.7#



#37

1,2-Dichloropropane

Concen: 0.351 ug/L

RT: 6.87 min Scan# 1721

Delta R.T. 0.04 min

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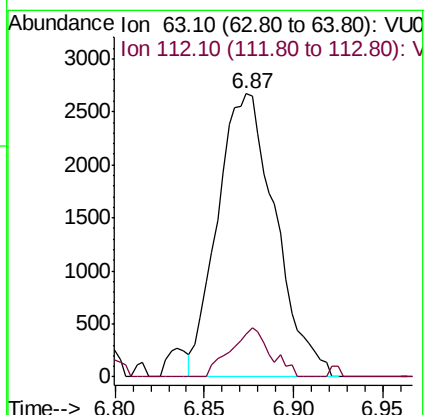
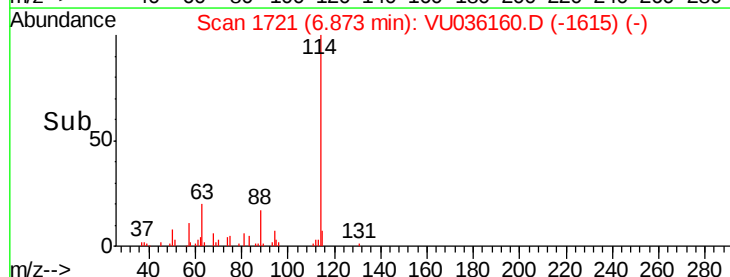
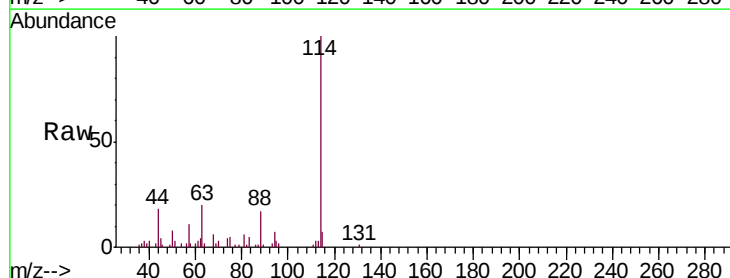
Acq: 12 Dec 2019 19:59

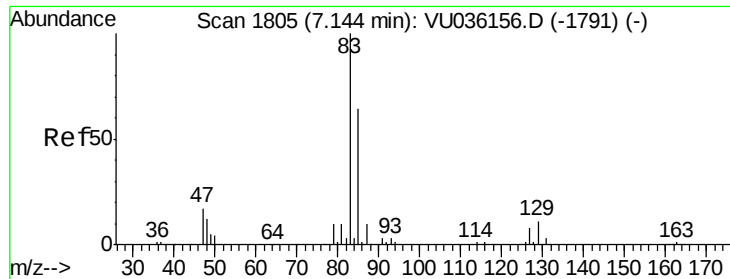
Tgt Ion: 63 Resp: 6028

Ion Ratio Lower Upper

63 100

112 12.0 3.6 5.4#





#38

Bromodichloromethane

Concen: 0.263 ug/L

RT: 7.24 min Scan# 1835

Delta R.T. 0.10 min

Lab File: VU036160.D

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Instrument :

MSVOA_U

ClientSampleId :

BFDQ0

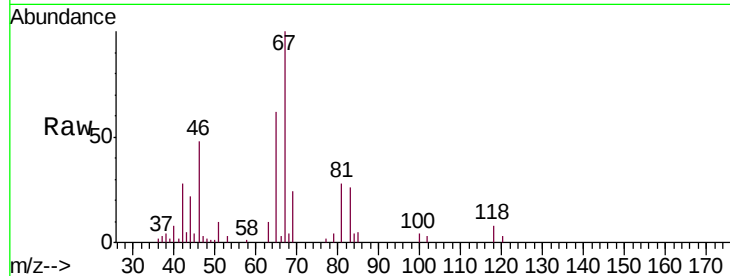
Tgt Ion: 83 Resp: 5763

Ion Ratio Lower Upper

83 100

85 20.2 44.7 83.1#

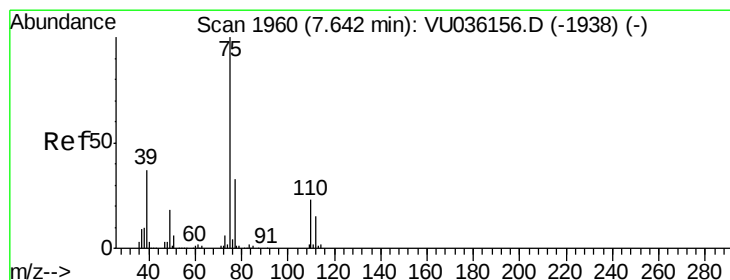
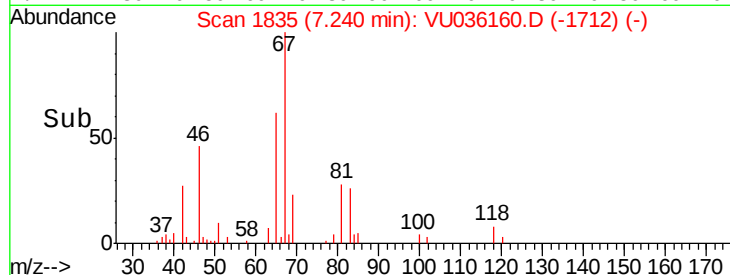
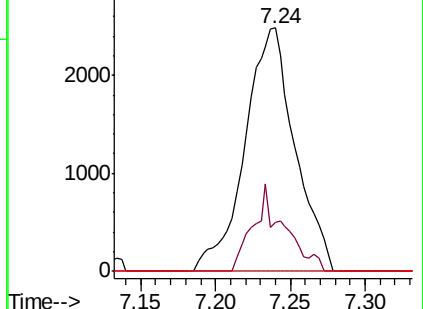
127 0.0 7.4 11.0#



Abundance Ion 82.95 (82.65 to 83.65): VU036160.D (-1835) (-)

Ion 85.00 (84.70 to 85.70): VU036160.D (-1835) (-)

Ion 126.90 (126.60 to 127.60): VU036160.D (-1835) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.80 min Scan# 2008

Delta R.T. 0.15 min

Lab File: VU036160.D

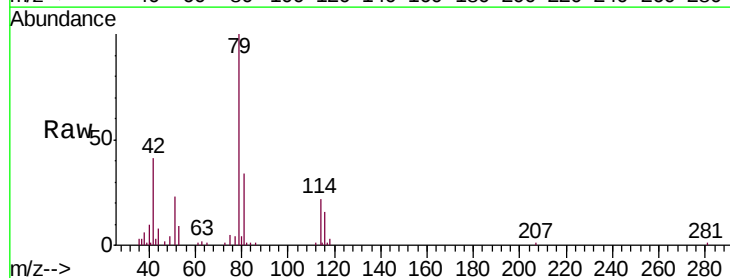
Acq: 12 Dec 2019 19:59

Tgt Ion: 75 Resp: 2159

Ion Ratio Lower Upper

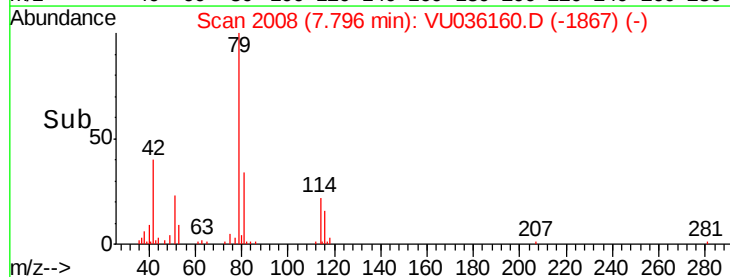
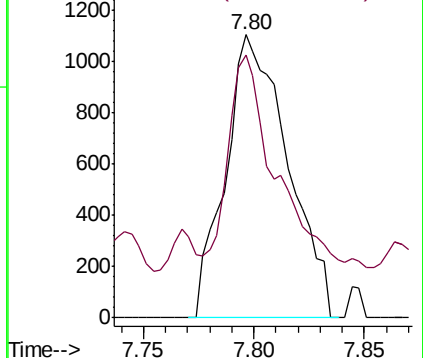
75 100

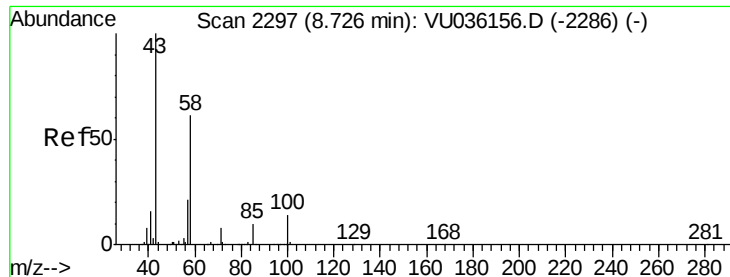
77 92.7 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU036160.D (-1960) (-)

Ion 77.05 (76.75 to 77.75): VU036160.D (-1960) (-)

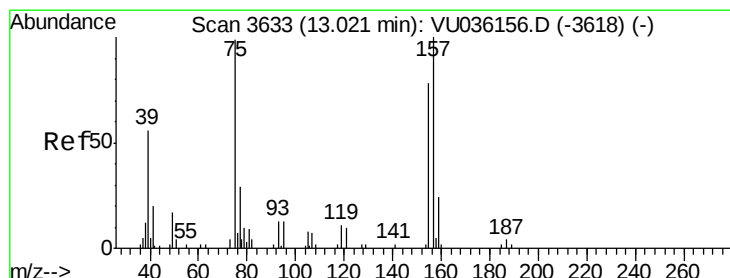
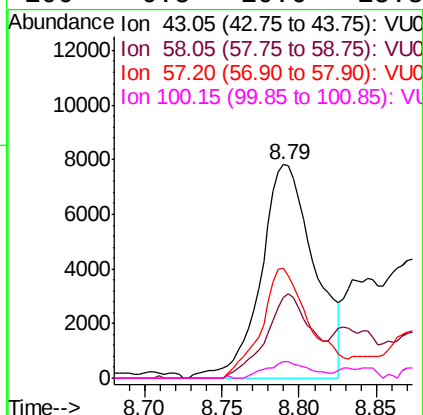
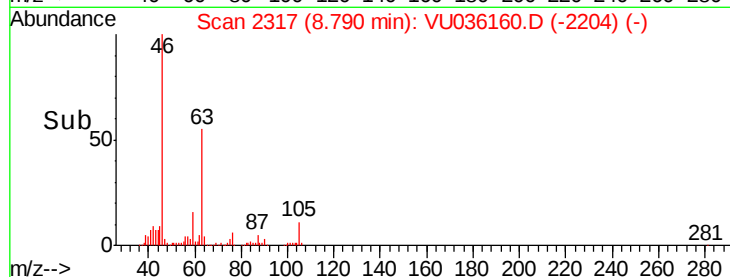
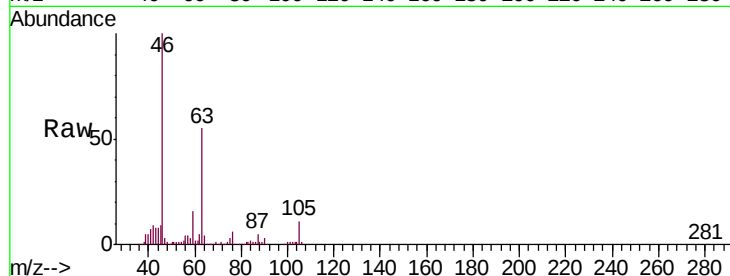




#48
2-Hexanone
Concen: 2.958 ug/L
RT: 8.79 min Scan# 2317
Delta R.T. 0.06 min
Lab File: VU036160.D
Acq: 12 Dec 2019 19:59

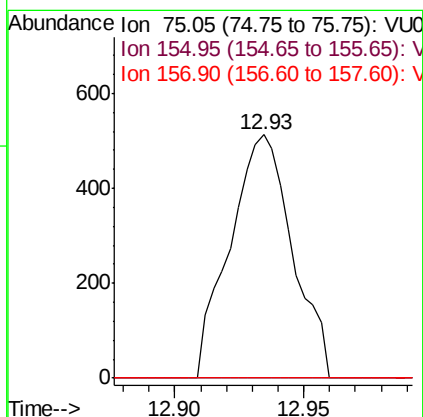
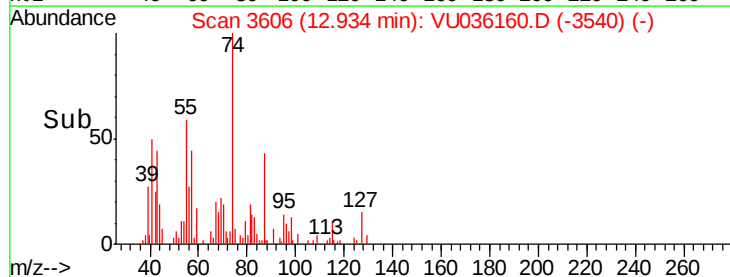
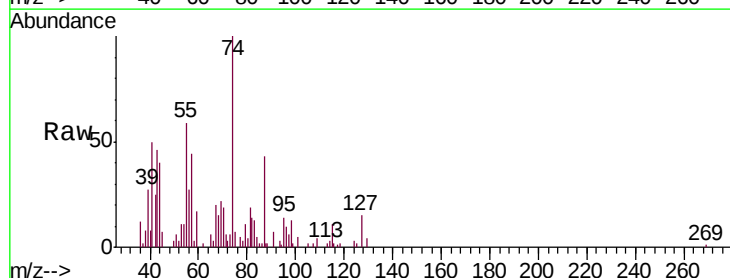
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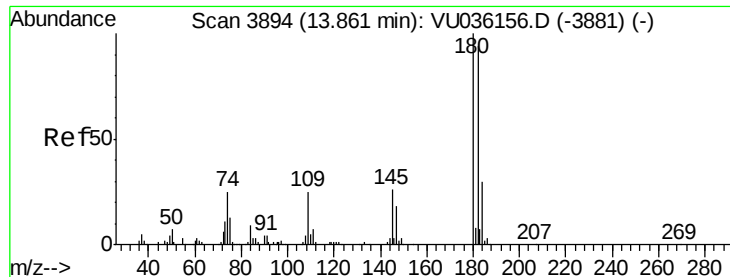
Tgt Ion: 43 Resp: 18828
Ion Ratio Lower Upper
43 100
58 32.5 48.6 72.8#
57 47.3 16.7 25.1#
100 6.5 10.6 15.8#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.431 ug/L
RT: 12.93 min Scan# 3606
Delta R.T. -0.09 min
Lab File: VU036160.D
Acq: 12 Dec 2019 19:59

Tgt Ion: 75 Resp: 867
Ion Ratio Lower Upper
75 100
155 0.0 68.2 102.2#
157 0.0 88.2 132.2#

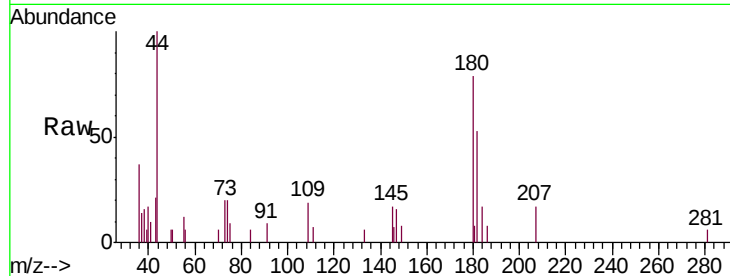




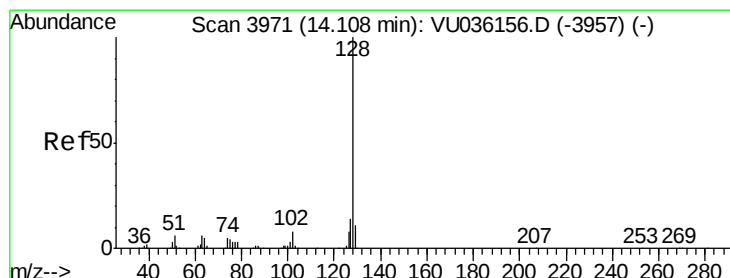
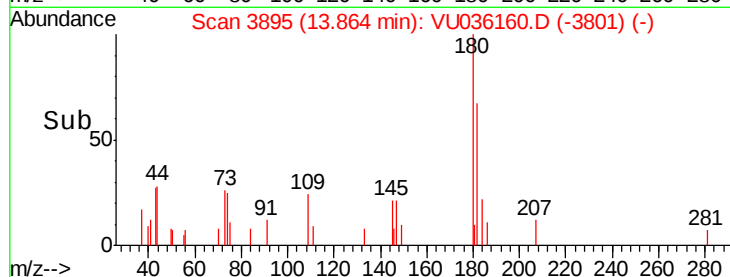
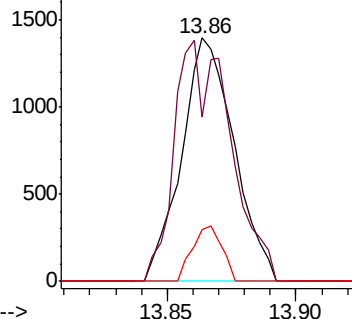
#68
 1,2,4-trichlorobenzene
 Concen: 0.178 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.00 min
 Lab File: VU036160.D
 Acq: 12 Dec 2019 19:59

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ0

Tgt Ion:180 Resp: 1985
 Ion Ratio Lower Upper
 180 100
 182 53.2 75.0 112.6#
 145 12.8 21.8 32.6#

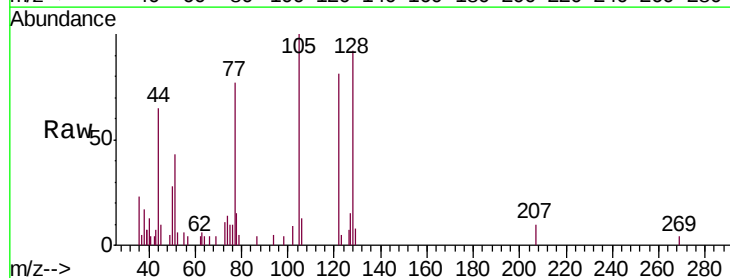


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

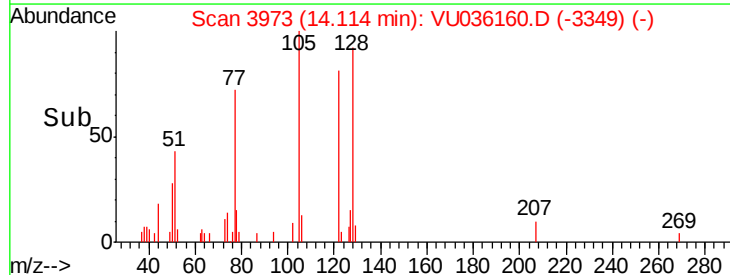
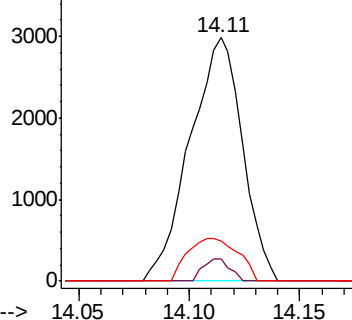


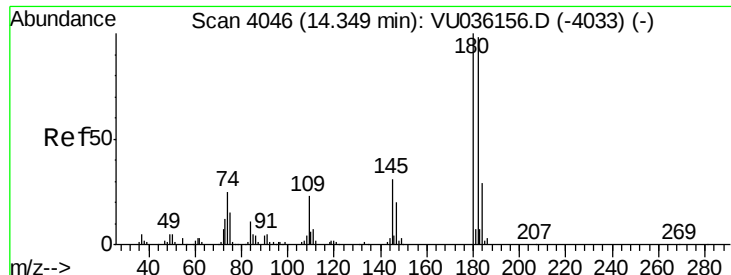
#69
 Naphthalene
 Concen: 0.427 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. 0.01 min
 Lab File: VU036160.D
 Acq: 12 Dec 2019 19:59

Tgt Ion:128 Resp: 4906
 Ion Ratio Lower Upper
 128 100
 129 4.5 8.8 13.2#
 127 16.9 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

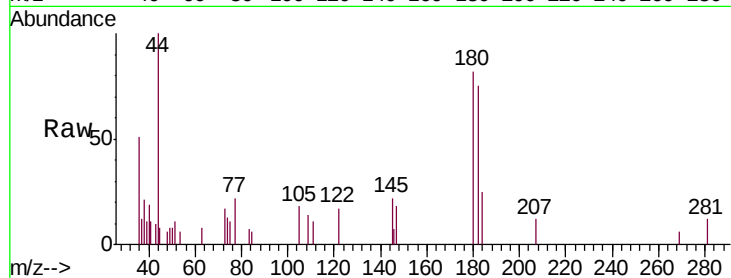




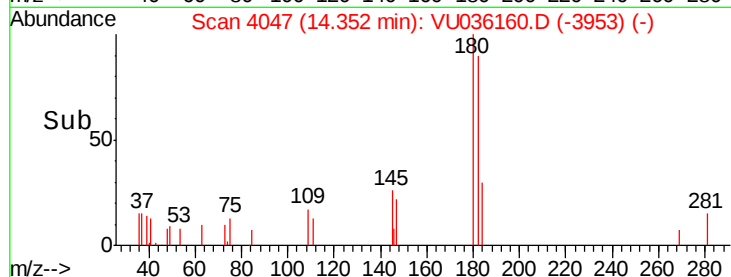
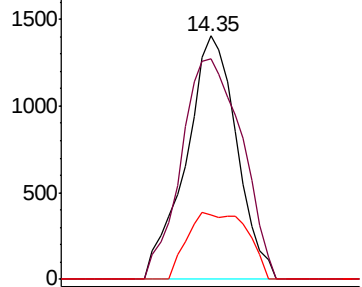
#70
 1,2,3-Trichlorobenzene
 Concen: 0.186 ug/L
 RT: 14.35 min Scan# 4047
 Delta R.T. 0.00 min
 Lab File: VU036160.D
 Acq: 12 Dec 2019 19:59

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ0

Tgt Ion:180 Resp: 1930
 Ion Ratio Lower Upper
 180 100
 182 107.8 74.8 112.2
 145 32.2 24.1 36.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V



Time--> 14.30 14.35 14.40