

Data File : VU035086.D
Acq On : 11 Oct 2019 13:35
Operator : JC/SP
Sample : K5310-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-15-001-01

Quant Time: Oct 12 01:54:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	162804	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	169684	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62837	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55719	5.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.80%
7) Chloroethane-d5	1.68	69	52085	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.26	63	82308	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.17	46	149570	52.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.56%
24) Chloroform-d	4.62	84	93303	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.29	65	56873	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.32	84	204948	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.31	67	70311	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.55	98	177761	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.84	79	21040	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.31	63	104243	45.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58702	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	60119	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

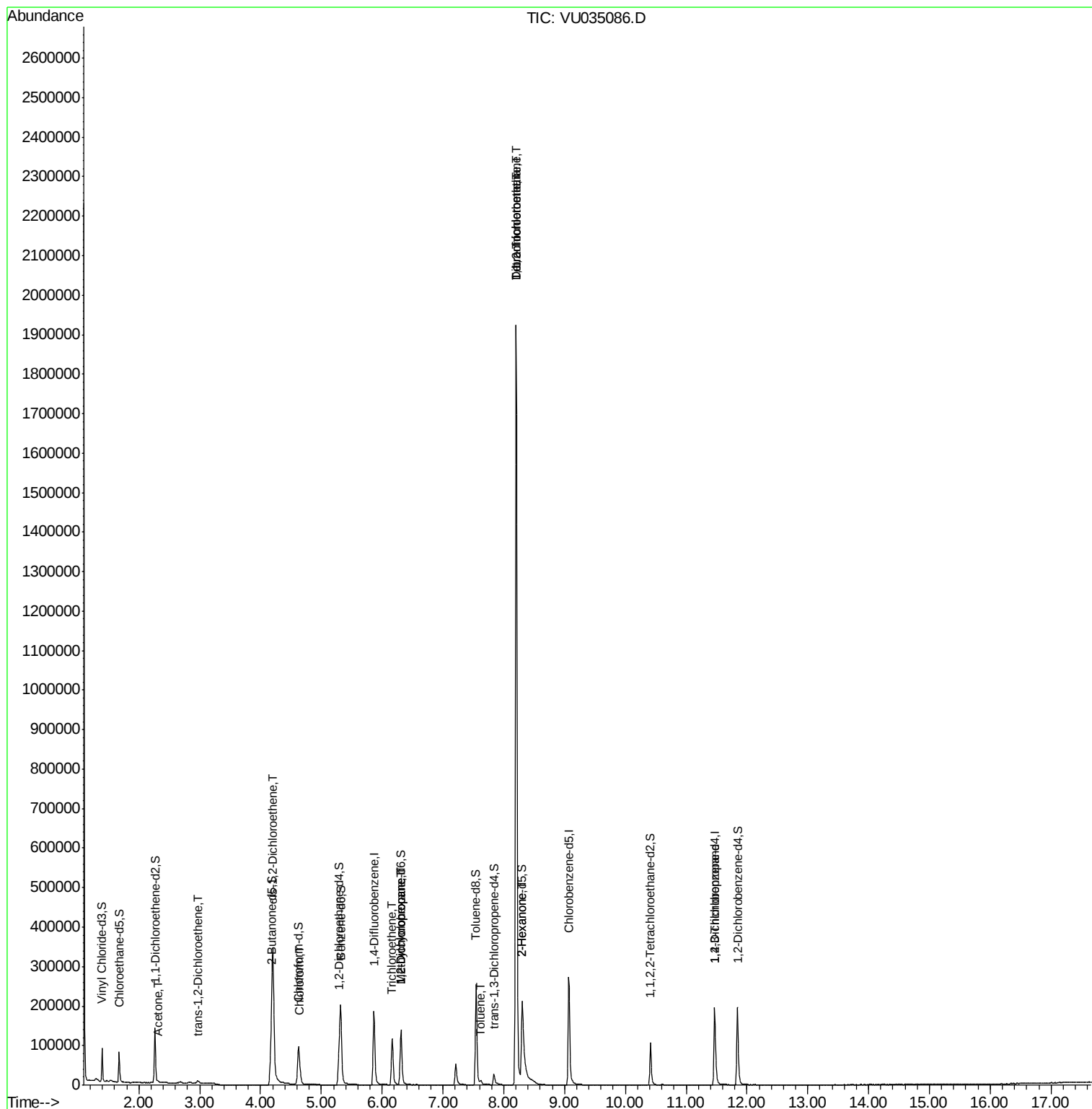
					Qvalue
13) Acetone	2.31	43	4748	2.046	ug/L 86
18) trans-1,2-Dichloroethene	2.96	96	1801	0.161	ug/L 87
22) cis-1,2-Dichloroethene	4.20	96	191867	15.361	ug/L 93
25) Chloroform	4.65	83	16683	0.667	ug/L 93
34) Trichloroethene	6.16	95	44362	3.365	ug/L 97
35) Methylcyclohexane	6.31	83	15211	0.712	ug/L # 19
37) 1,2-Dichloropropane	6.31	63	7882	0.572	ug/L # 88
42) Toluene	7.62	91	6502	0.122	ug/L 87
45) 1,1,2-Trichloroethane	8.21	97	3796	0.415	ug/L # 1
47) Tetrachloroethene	8.21	164	434919	40.761	ug/L 98
48) 2-Hexanone	8.30	43	18949	3.185	ug/L # 63
49) Dibromochloromethane	8.21	129	417037	39.413	ug/L # 12
59) 1,2,3-Trichloropropane	11.47	75	8178	0.916	ug/L 98

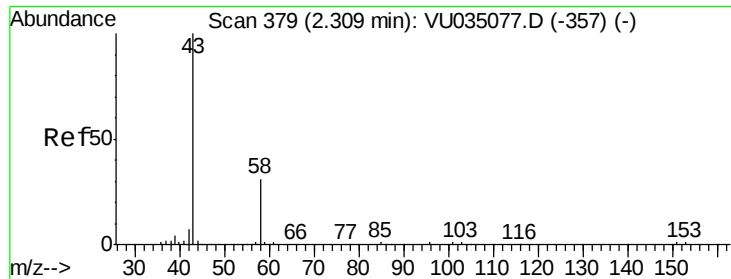
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.046 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035086.D

Acq: 11 Oct 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

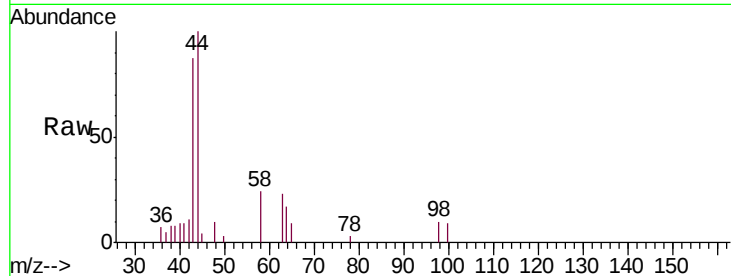
MW-15-001-01

Tgt Ion: 43 Resp: 4748

Ion Ratio Lower Upper

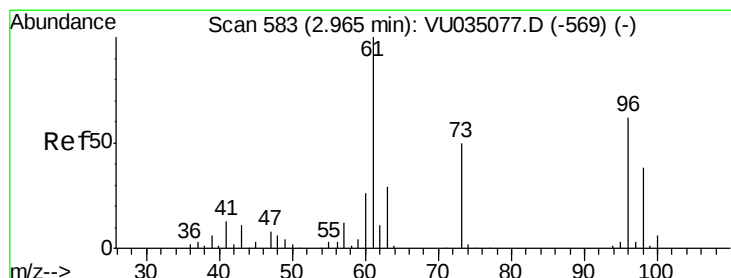
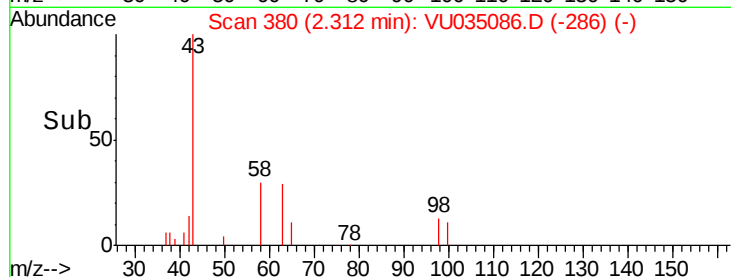
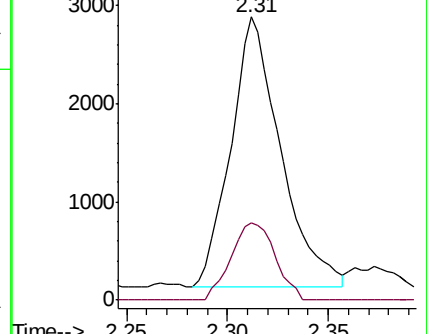
43 100

58 25.3 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.161 ug/L

RT: 2.96 min Scan# 583

Delta R.T. -0.00 min

Lab File: VU035086.D

Acq: 11 Oct 2019 13:35

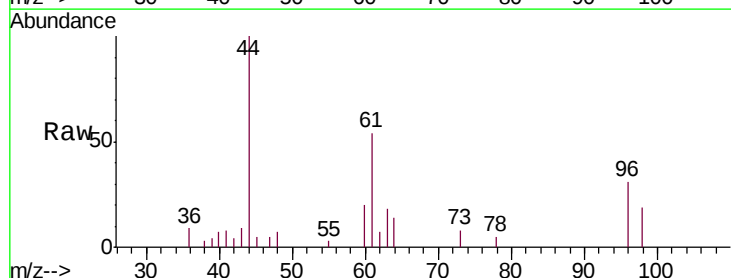
Tgt Ion: 96 Resp: 1801

Ion Ratio Lower Upper

96 100

61 175.5 107.1 198.9

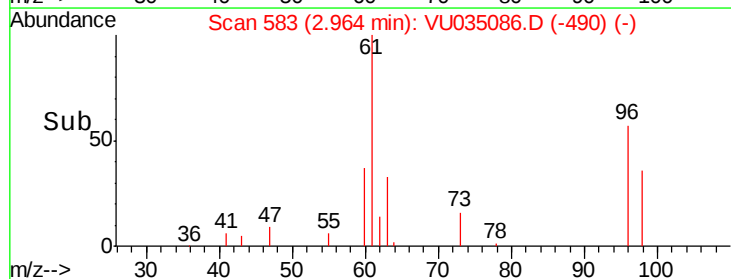
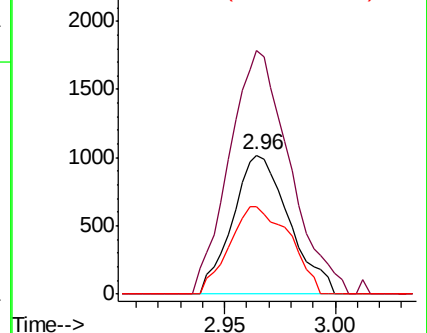
98 63.2 45.4 84.4

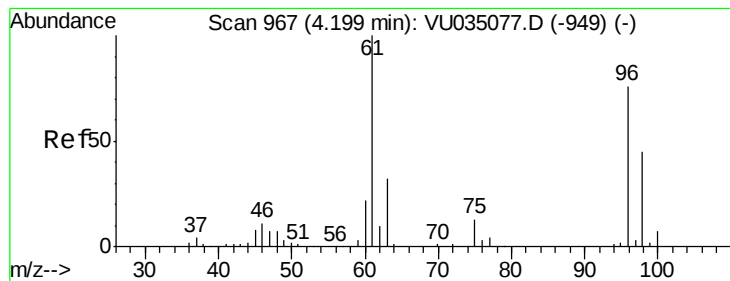


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



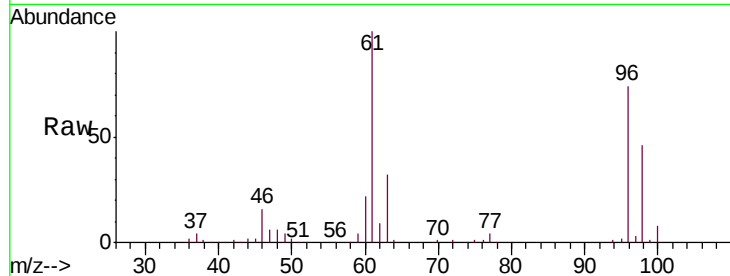


#22

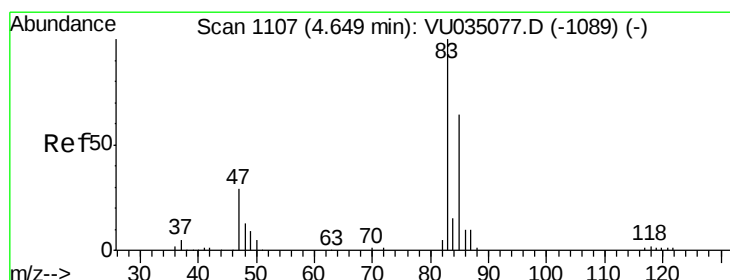
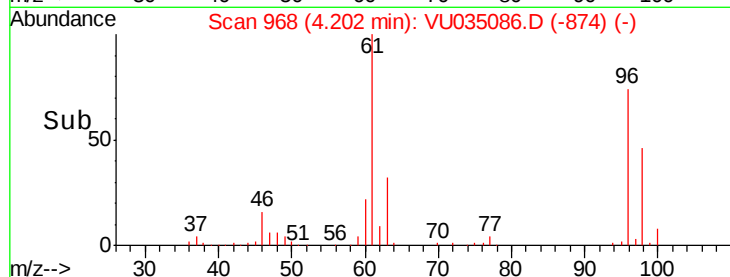
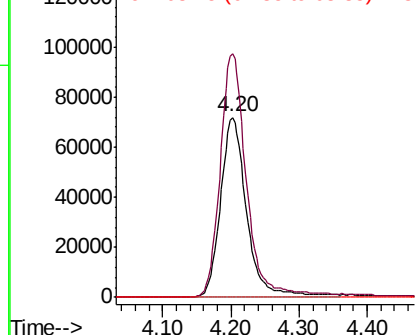
cis-1,2-Dichloroethene
 Concen: 15.361 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU035086.D
 Acq: 11 Oct 2019 13:35

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-15-001-01

Tgt Ion: 96 Resp: 191867
 Ion Ratio Lower Upper
 96 100
 61 135.3 89.2 165.6
 68 0.0 0.0 0.0



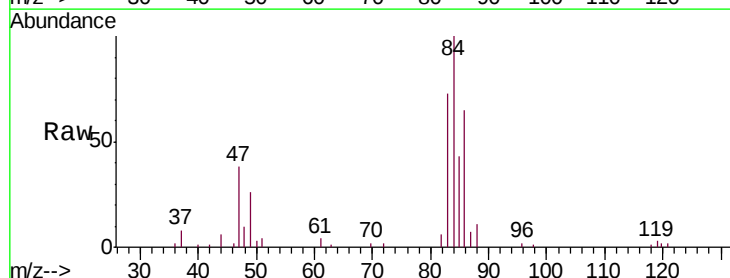
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



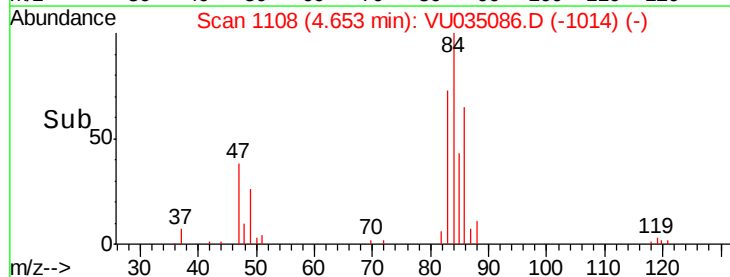
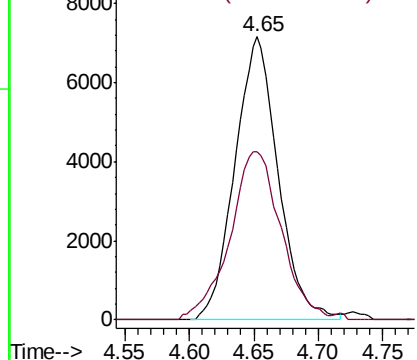
#25

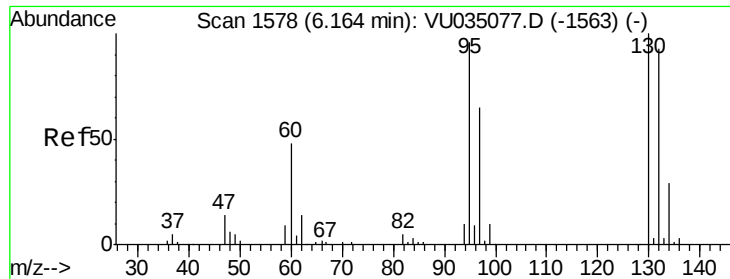
Chloroform
 Concen: 0.667 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VU035086.D
 Acq: 11 Oct 2019 13:35

Tgt Ion: 83 Resp: 16683
 Ion Ratio Lower Upper
 83 100
 85 59.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 3.365 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU035086.D

Acq: 11 Oct 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

MW-15-001-01

Tgt Ion: 95 Resp: 44362

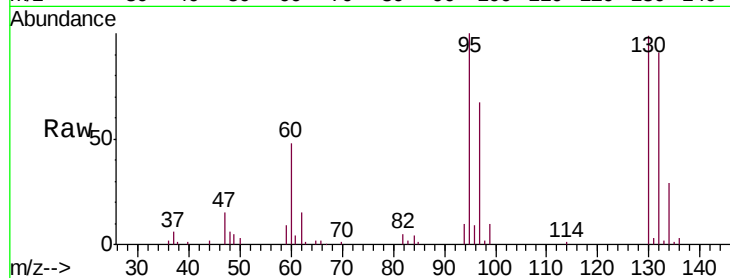
Ion Ratio Lower Upper

95 100

97 66.7 44.5 82.7

132 91.1 66.6 123.8

130 98.5 68.9 127.9

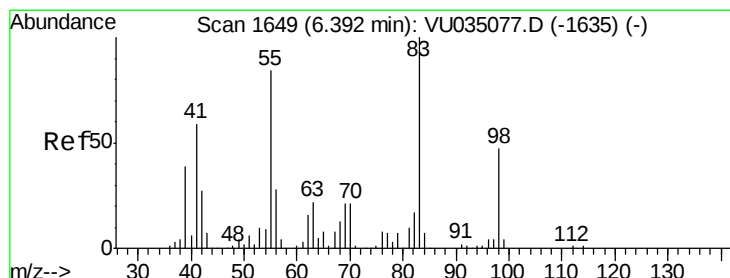
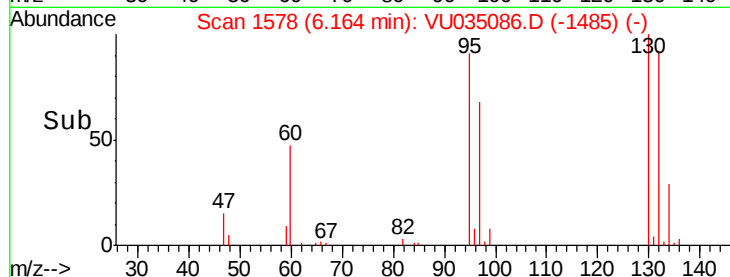
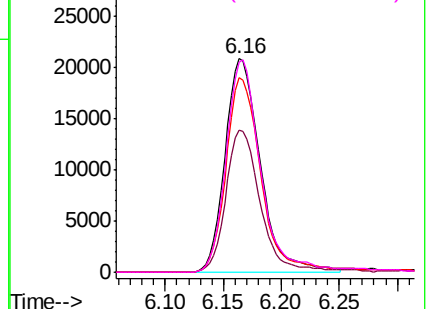


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU035086.D

Acq: 11 Oct 2019 13:35

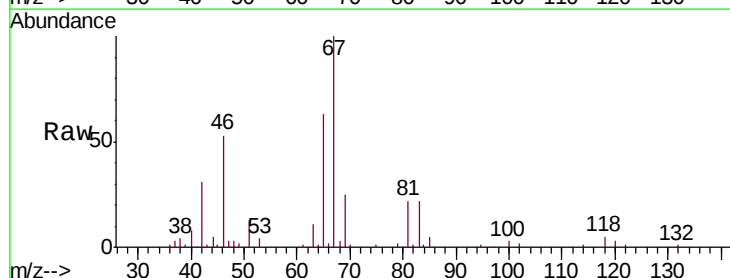
Tgt Ion: 83 Resp: 15211

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

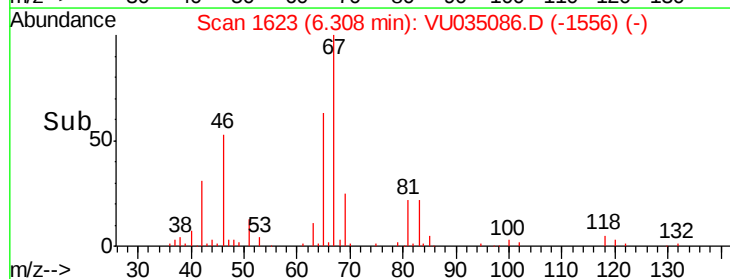
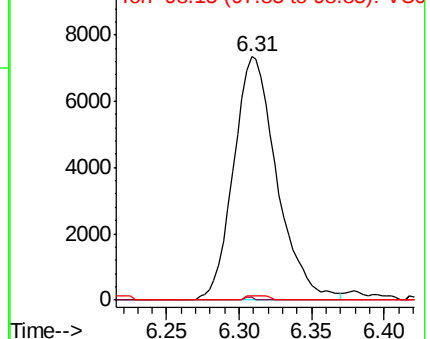
98 0.9 36.2 54.2#

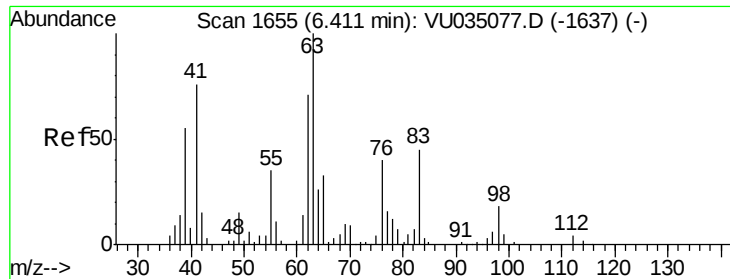


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

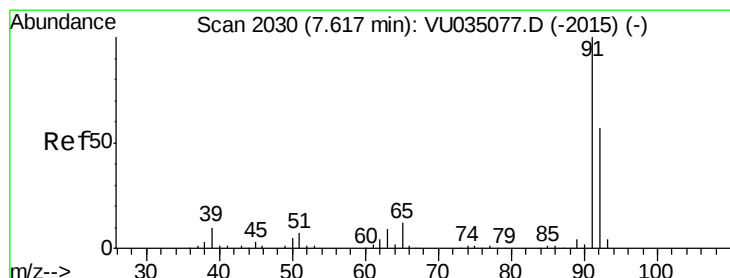
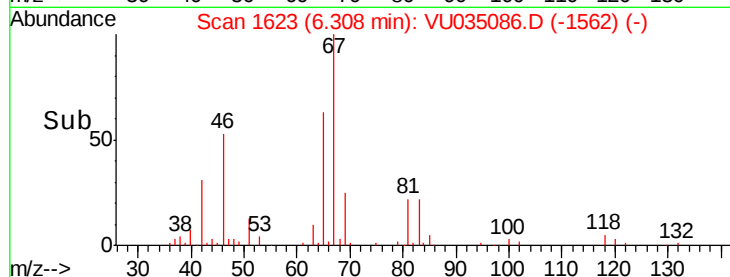
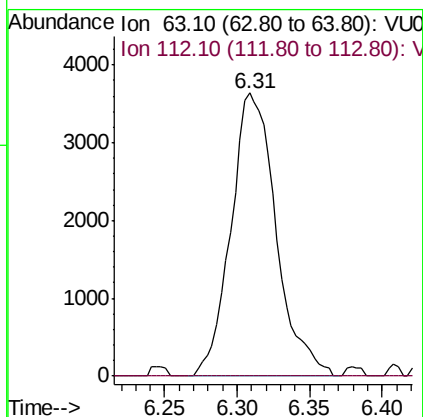
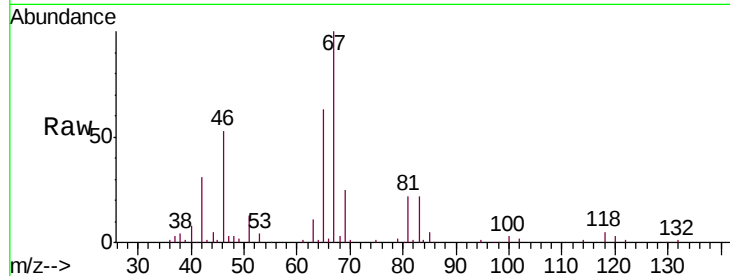




#37
 1,2-Dichloropropane
 Concen: 0.572 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035086.D
 Acq: 11 Oct 2019 13:35

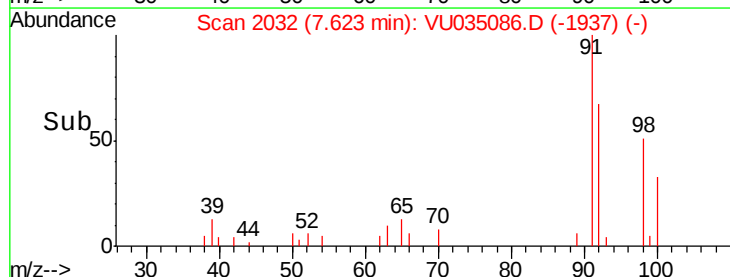
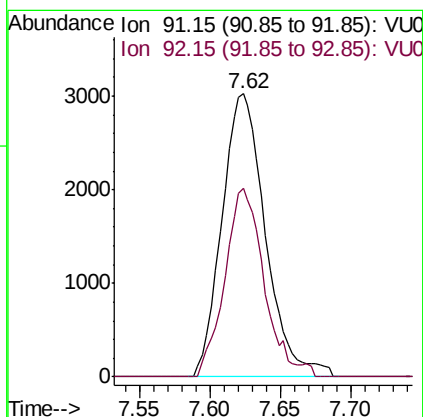
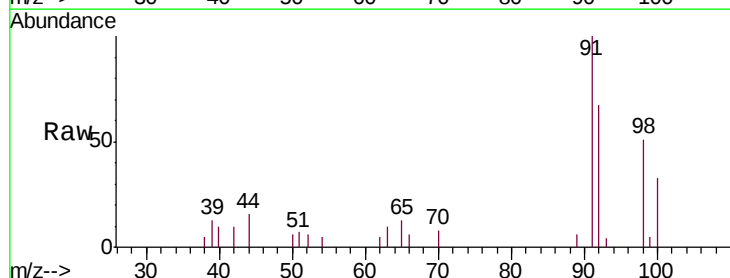
Instrument :
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 ClientSampleId :
 MW-15-001-01

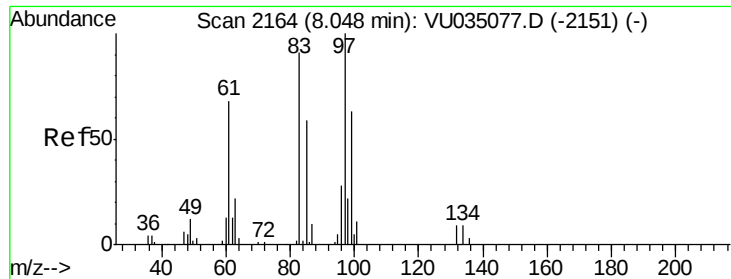
Tgt Ion: 63 Resp: 7882
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 0.122 ug/L
 RT: 7.62 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: VU035086.D
 Acq: 11 Oct 2019 13:35

Tgt Ion: 91 Resp: 6502
 Ion Ratio Lower Upper
 91 100
 92 66.9 40.0 74.2

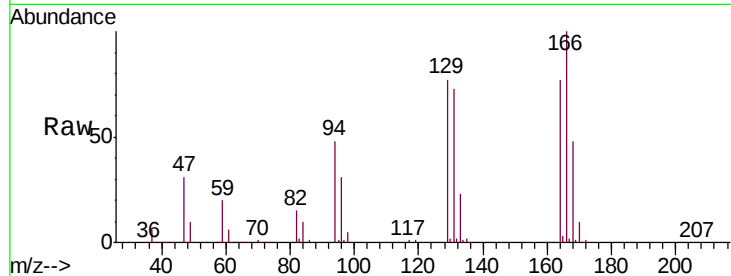




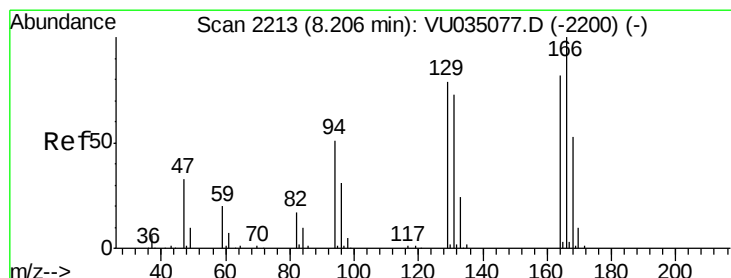
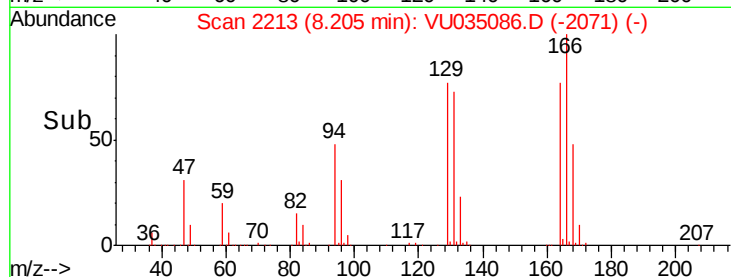
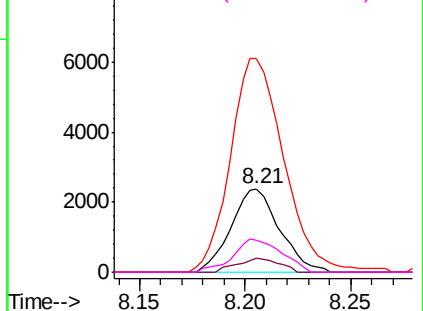
#45
 1,1,2-Trichloroethane
 Concen: 0.415 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. 0.16 min
 Lab File: VU035086.D
 Acq: 11 Oct 2019 13:35

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-15-001-01

Tgt Ion: 97 Resp: 3796
 Ion Ratio Lower Upper
 97 100
 99 16.5 42.3 78.5#
 83 256.6 58.0 107.6#
 85 38.5 37.8 70.2

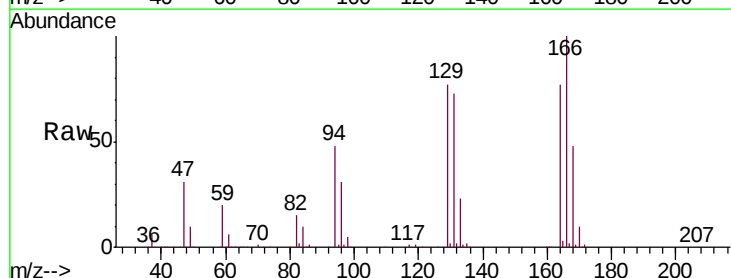


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

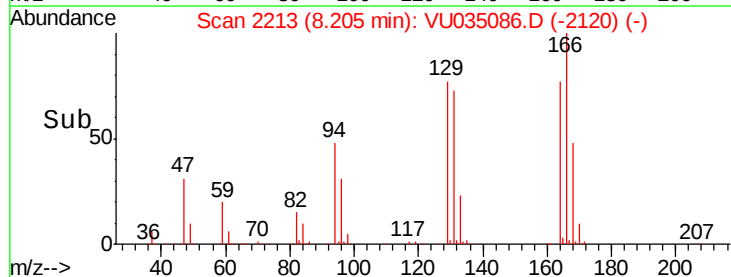
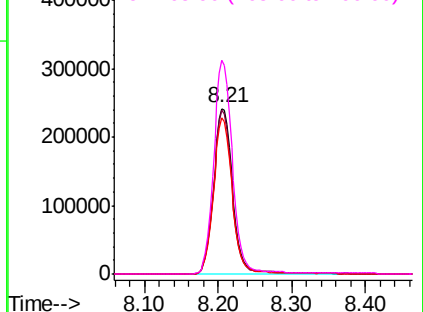


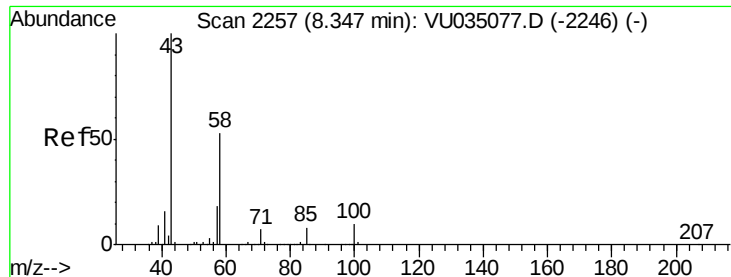
#47
 Tetrachloroethene
 Concen: 40.761 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU035086.D
 Acq: 11 Oct 2019 13:35

Tgt Ion: 164 Resp: 434919
 Ion Ratio Lower Upper
 164 100
 129 98.9 68.5 127.1
 131 94.1 67.3 124.9
 166 129.1 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

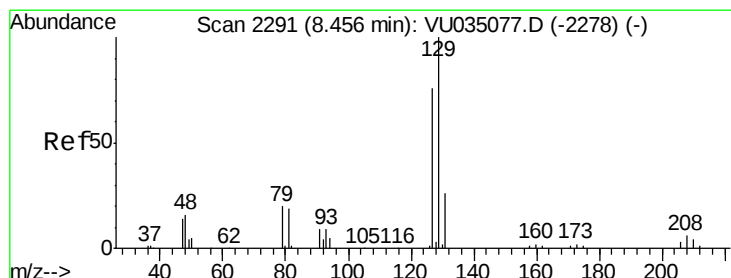
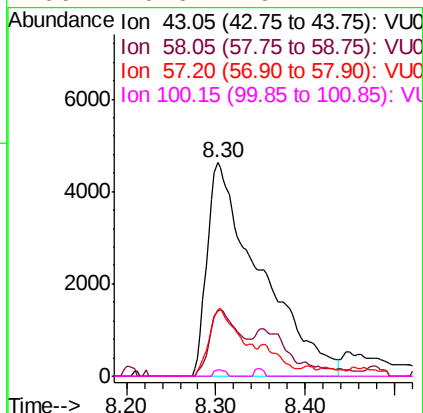
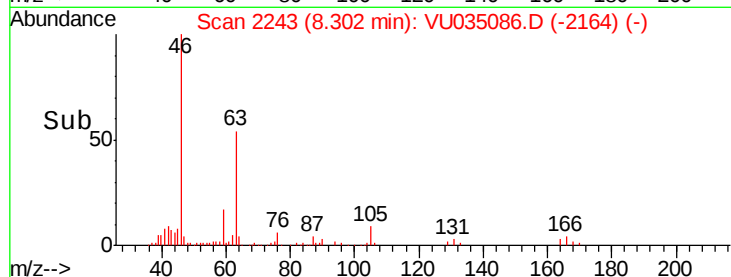
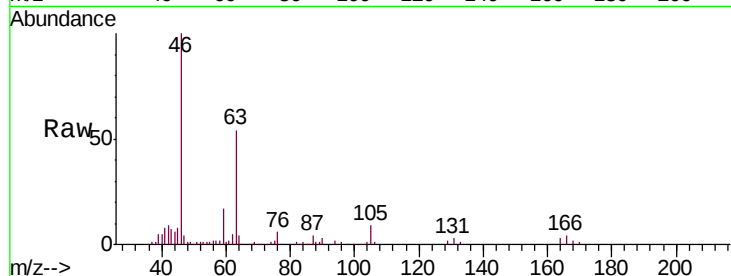




#48
2-Hexanone
Concen: 3.185 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.05 min
Lab File: VU035086.D
Acq: 11 Oct 2019 13:35

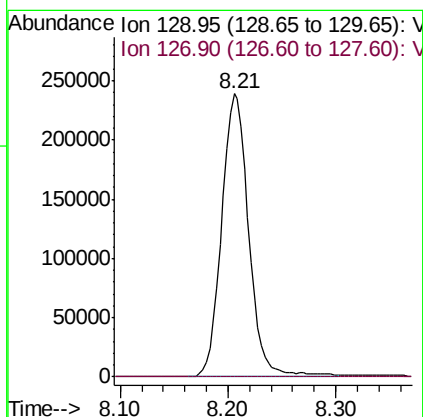
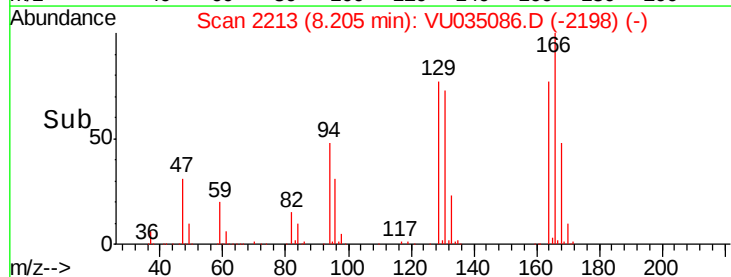
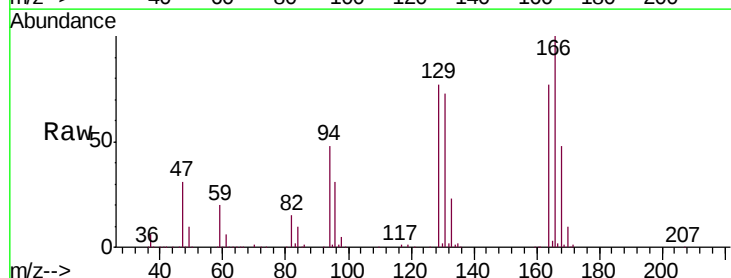
Instrument :
MSVOA_U
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MW-15-001-01

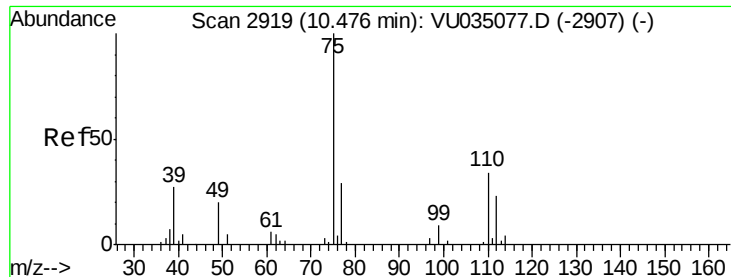
Tgt Ion: 43 Resp: 18949
Ion Ratio Lower Upper
43 100
58 17.6 44.1 66.1#
57 19.2 15.8 23.8
100 0.6 9.4 14.2#



#49
Dibromochloromethane
Concen: 39.413 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035086.D
Acq: 11 Oct 2019 13:35

Tgt Ion: 129 Resp: 417037
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59

1,2,3-Trichloropropane

Concen: 0.916 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 1.00 min

Lab File: VU035086.D

Acq: 11 Oct 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

MW-15-001-01

Tgt Ion: 75 Resp: 8178

Ion Ratio Lower Upper

75 100

77 34.1 26.5 39.7

