

Data File : VU034967.D
Acq On : 07 Oct 2019 18:13
Operator : JC/SP
Sample : K5219-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-2-001-01

Quant Time: Oct 09 04:02:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	181143	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	183331	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	73241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49828	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	47826	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.26	63	74528	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.17	46	146830	46.56	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.12%
24) Chloroform-d	4.62	84	93038	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.29	65	60708	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.32	84	210479	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.31	67	71781	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.55	98	194368	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.84	79	21430	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.30	63	113173	46.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59042	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	69662	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

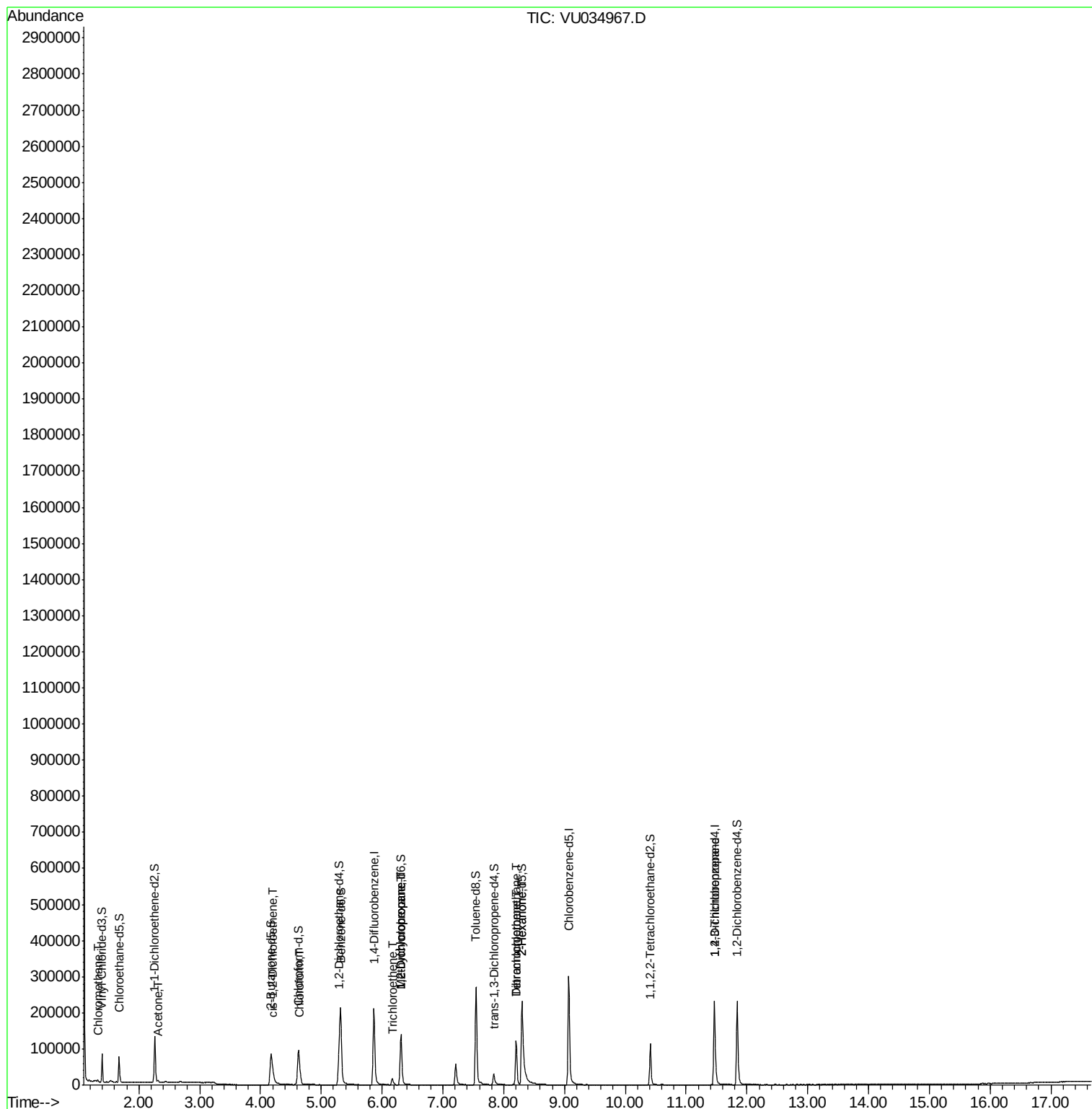
					Qvalue
3) Chloromethane	1.32	50	2911	0.160 ug/L	94
13) Acetone	2.31	43	5231	2.025 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	9538	0.686 ug/L	94
25) Chloroform	4.65	83	17668	0.635 ug/L	98
34) Trichloroethene	6.17	95	6361	0.447 ug/L	93
35) Methylcyclohexane	6.31	83	16026	0.695 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7991	0.536 ug/L #	89
47) Tetrachloroethene	8.21	164	27235	2.362 ug/L	98
48) 2-Hexanone	8.30	43	12052	1.875 ug/L #	69
49) Dibromochloromethane	8.21	129	27260	2.384 ug/L #	13
59) 1,2,3-Trichloropropane	11.46	75	9172	0.951 ug/L	94

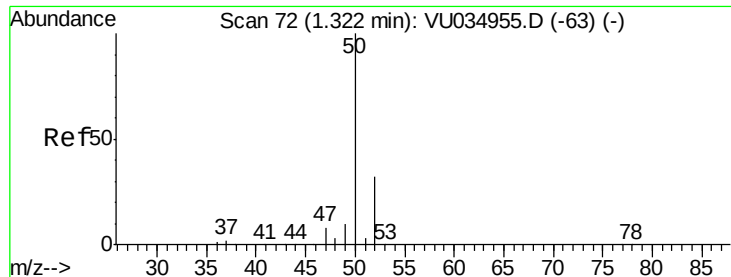
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034967.D

Acq: 07 Oct 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

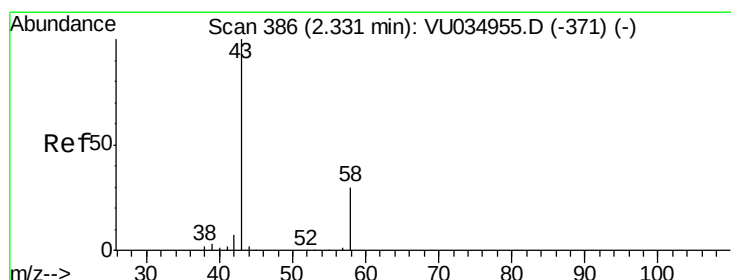
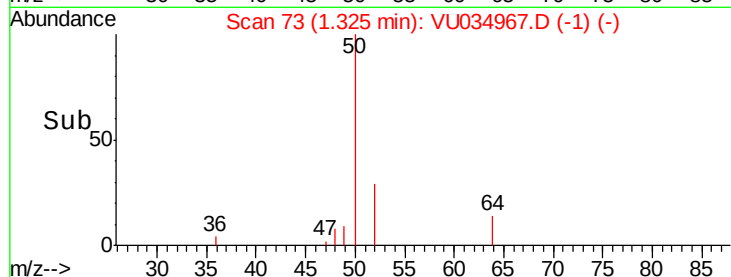
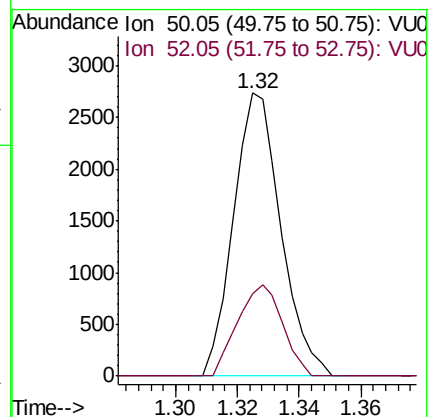
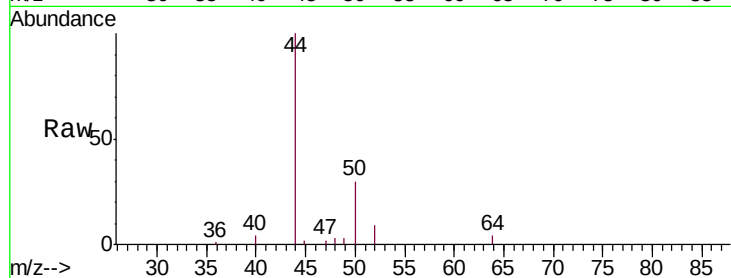
MW-2-001-01

Tgt Ion: 50 Resp: 2911

Ion Ratio Lower Upper

50 100

52 29.3 23.0 42.6



#13

Acetone

Concen: 2.025 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU034967.D

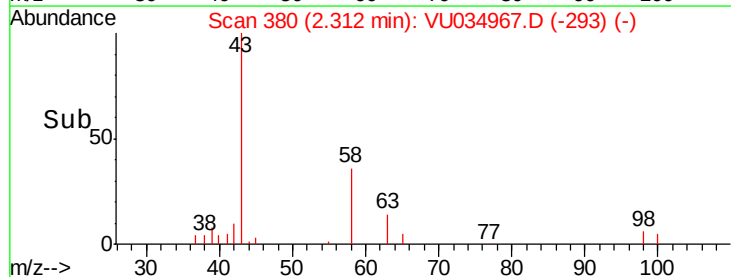
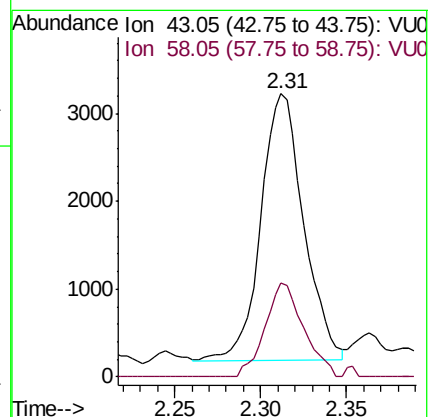
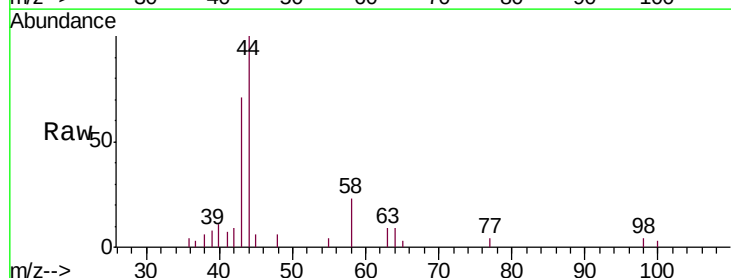
Acq: 07 Oct 2019 18:13

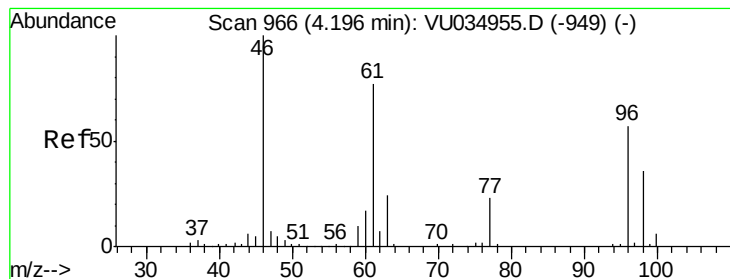
Tgt Ion: 43 Resp: 5231

Ion Ratio Lower Upper

43 100

58 31.7 0.0 60.8



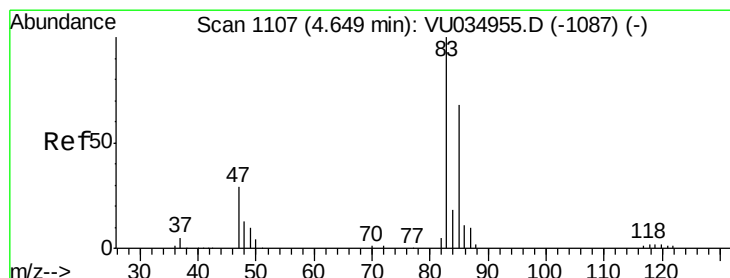
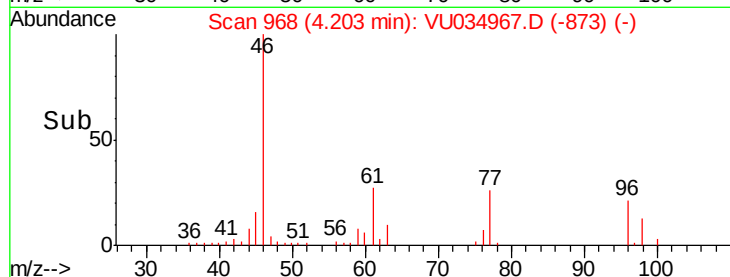
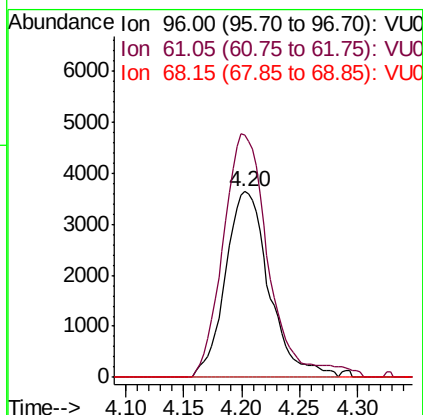
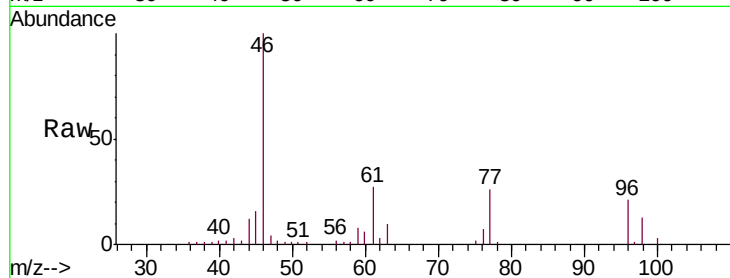


#22

cis-1,2-Dichloroethene
 Concen: 0.686 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VU034967.D
 Acq: 07 Oct 2019 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2-001-01

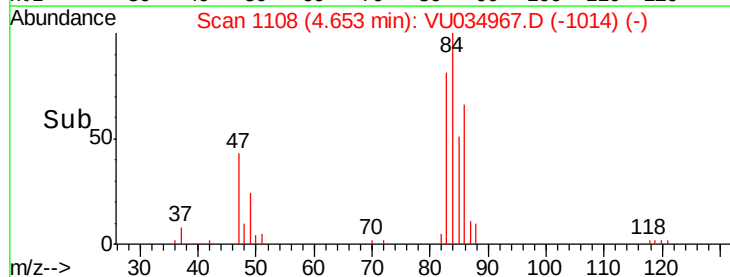
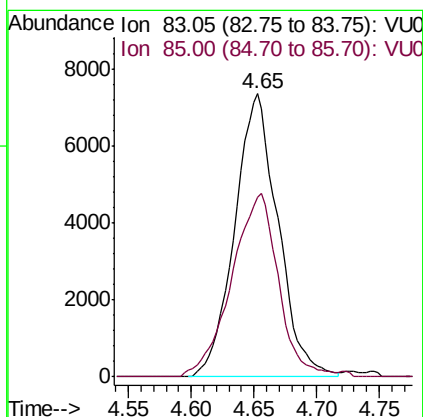
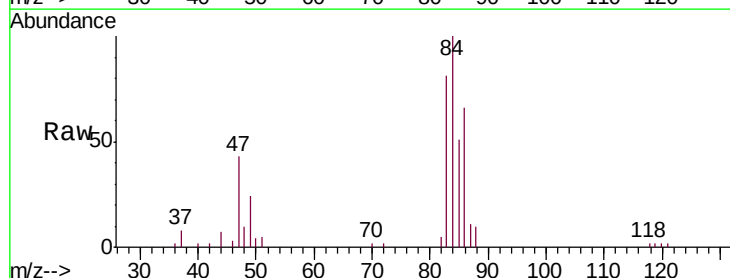
Tgt Ion: 96 Resp: 9538
 Ion Ratio Lower Upper
 96 100
 61 130.5 96.4 179.0
 68 0.0 0.0 0.0

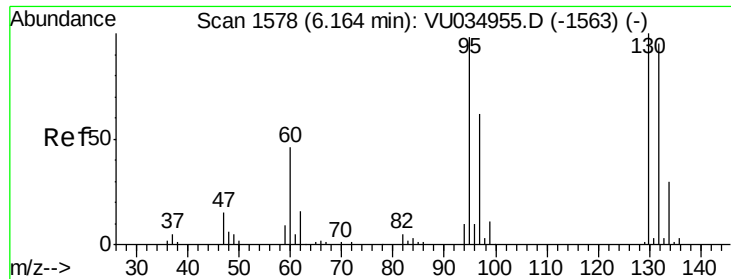


#25

Chloroform
 Concen: 0.635 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VU034967.D
 Acq: 07 Oct 2019 18:13

Tgt Ion: 83 Resp: 17668
 Ion Ratio Lower Upper
 83 100
 85 63.7 45.4 84.4





#34

Trichloroethene

Concen: 0.447 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034967.D

Acq: 07 Oct 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

MW-2-001-01

Tgt Ion: 95 Resp: 6361

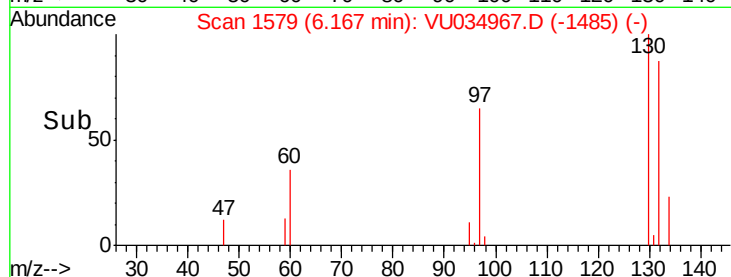
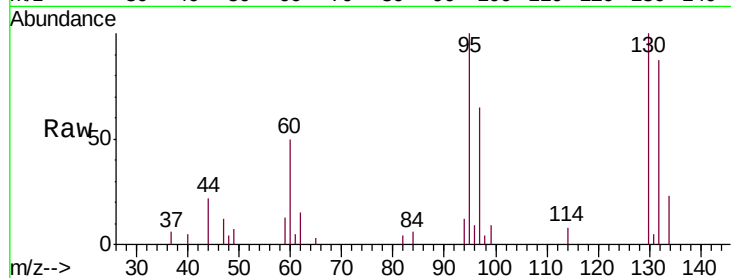
Ion Ratio Lower Upper

95 100

97 65.7 42.5 78.9

132 87.0 65.8 122.2

130 100.4 65.0 120.8

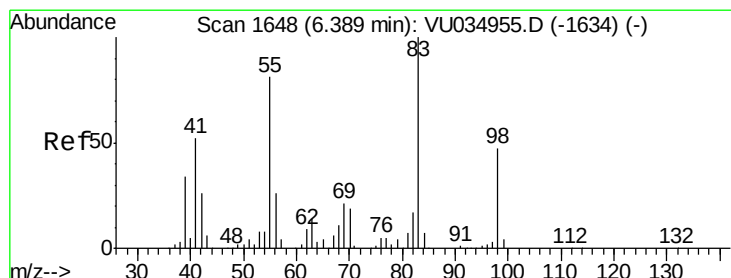
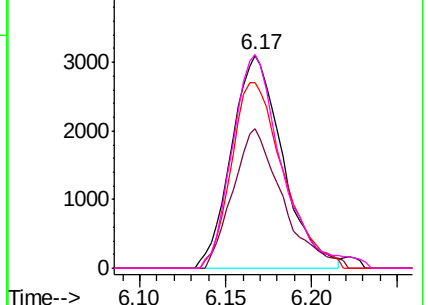


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.695 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034967.D

Acq: 07 Oct 2019 18:13

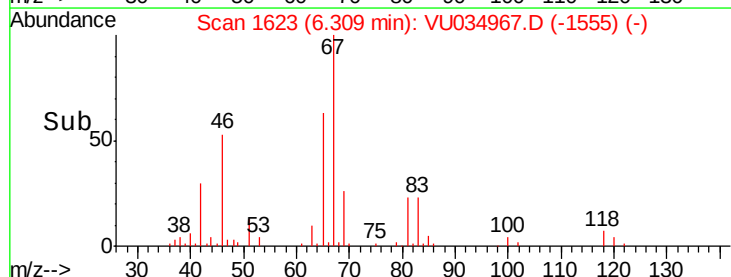
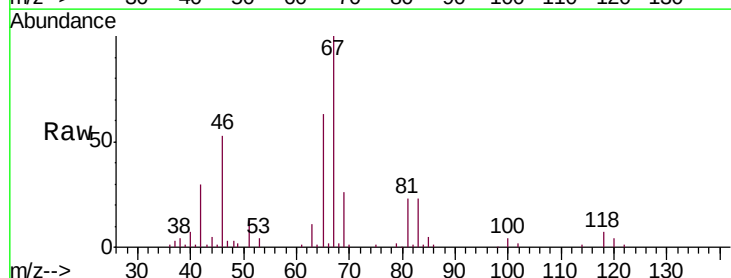
Tgt Ion: 83 Resp: 16026

Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

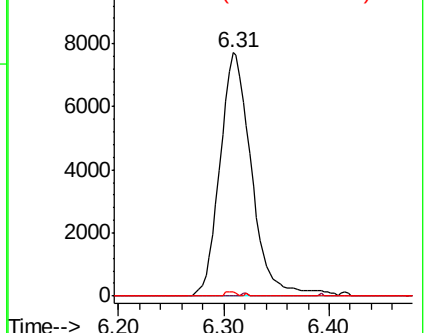
98 0.6 35.5 53.3#

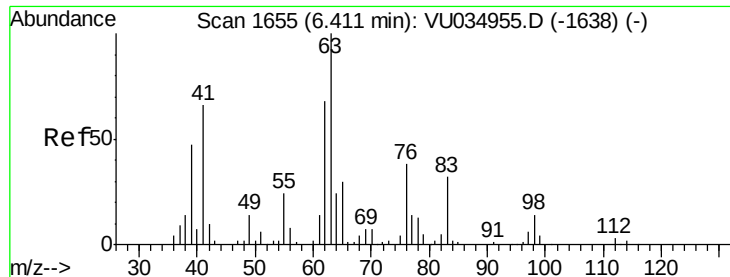


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

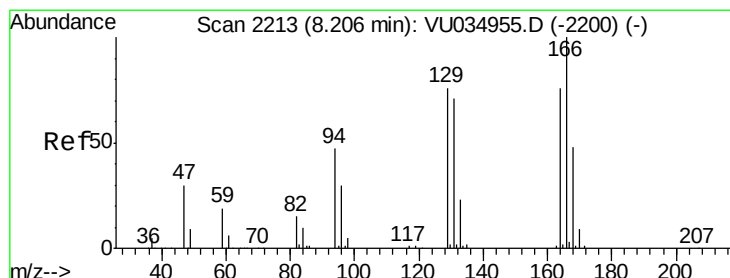
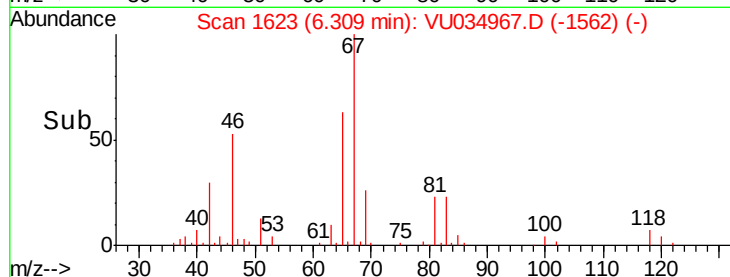
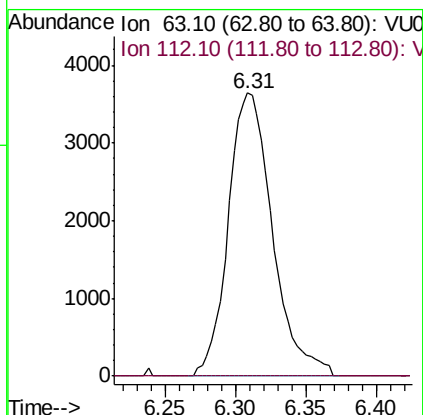
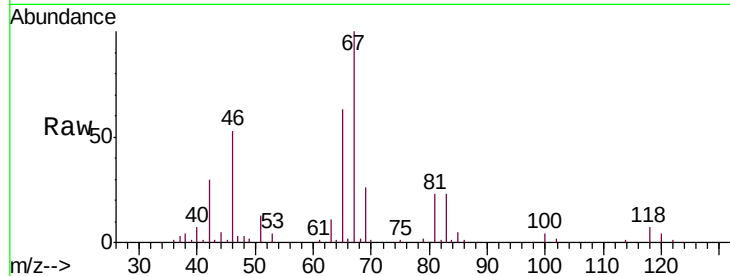




#37
 1,2-Dichloropropane
 Concen: 0.536 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034967.D
 Acq: 07 Oct 2019 18:13

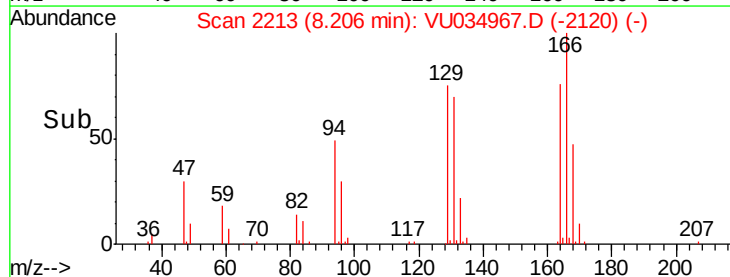
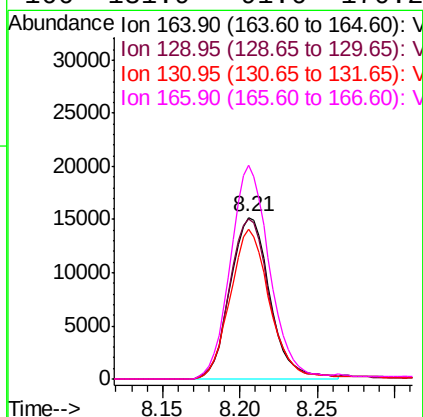
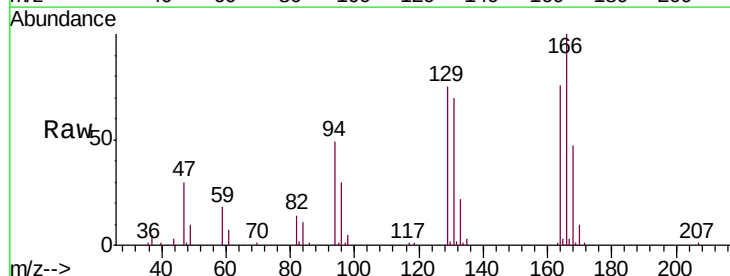
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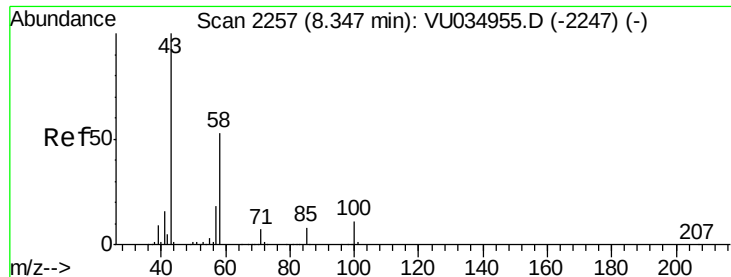
Tgt Ion: 63 Resp: 7991
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#47
 Tetrachloroethene
 Concen: 2.362 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. 0.00 min
 Lab File: VU034967.D
 Acq: 07 Oct 2019 18:13

Tgt Ion: 164 Resp: 27235
 Ion Ratio Lower Upper
 164 100
 129 99.1 66.5 123.5
 131 92.1 63.3 117.7
 166 131.9 91.6 170.2

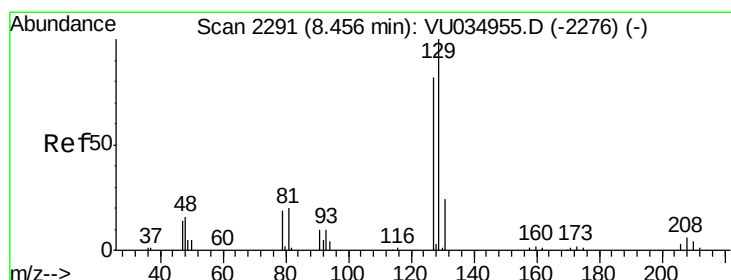
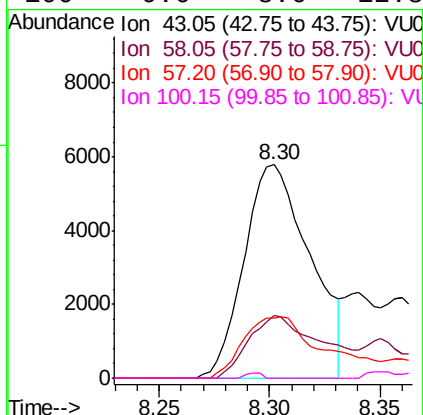
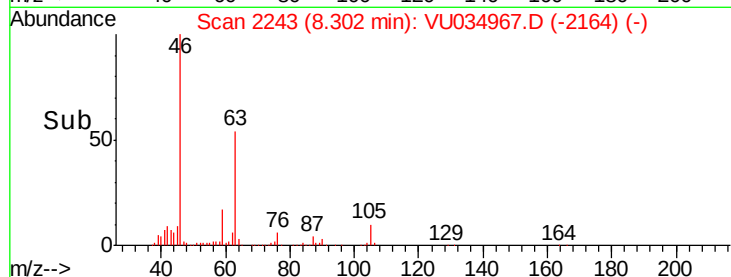
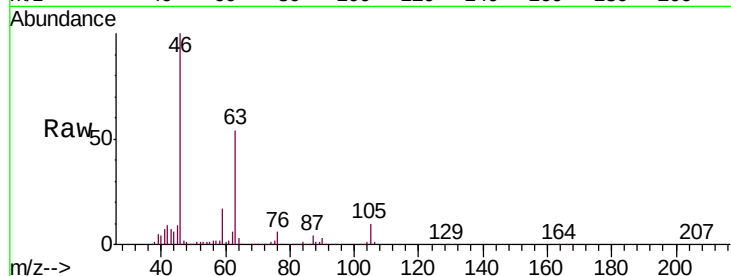




#48
2-Hexanone
Concen: 1.875 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.04 min
Lab File: VU034967.D
Acq: 07 Oct 2019 18:13

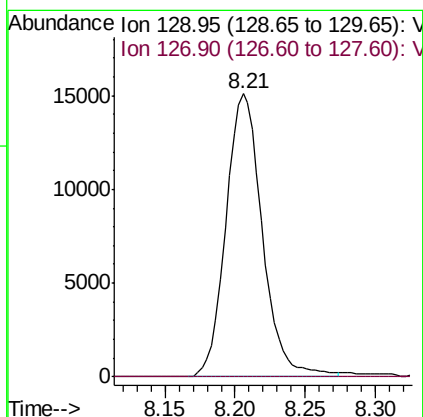
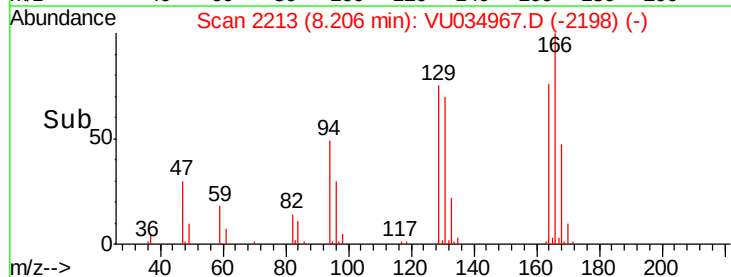
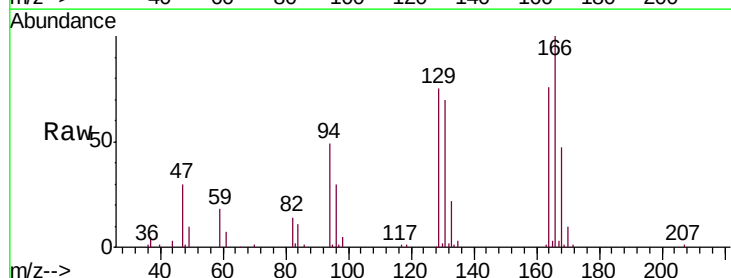
Instrument :
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ClientSampleId :
MW-2-001-01

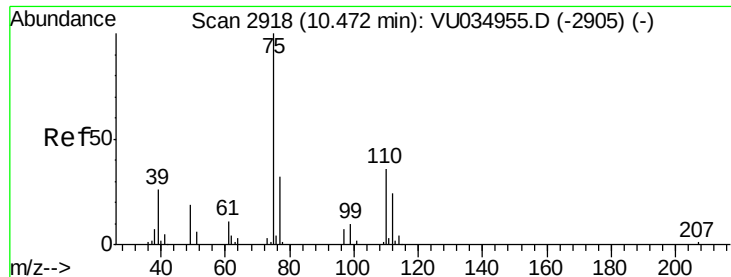
Tgt Ion: 43 Resp: 12052
Ion Ratio Lower Upper
43 100
58 33.2 43.3 64.9#
57 35.5 14.5 21.7#
100 0.6 8.6 12.8#



#49
Dibromochloromethane
Concen: 2.384 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034967.D
Acq: 07 Oct 2019 18:13

Tgt Ion: 129 Resp: 27260
Ion Ratio Lower Upper
129 100
127 0.0 51.2 95.0#





#59

1,2,3-Trichloropropane

Concen: 0.951 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034967.D

Acq: 07 Oct 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

MW-2-001-01

Tgt Ion: 75 Resp: 9172

Ion Ratio Lower Upper

75 100

77 35.6 25.8 38.6

