

Data File : VU034968.D
Acq On : 07 Oct 2019 18:37
Operator : JC/SP
Sample : K5219-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-25-001-01

Quant Time: Oct 09 04:02:43 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	185484	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	187359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49900	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	48106	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.26	63	75638	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.17	46	158219	49.00	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.62	84	91837	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.29	65	61304	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.32	84	211242	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.31	67	72386	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.54	98	190033	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.84	79	22691	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.30	63	111734	44.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	60613	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	69928	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

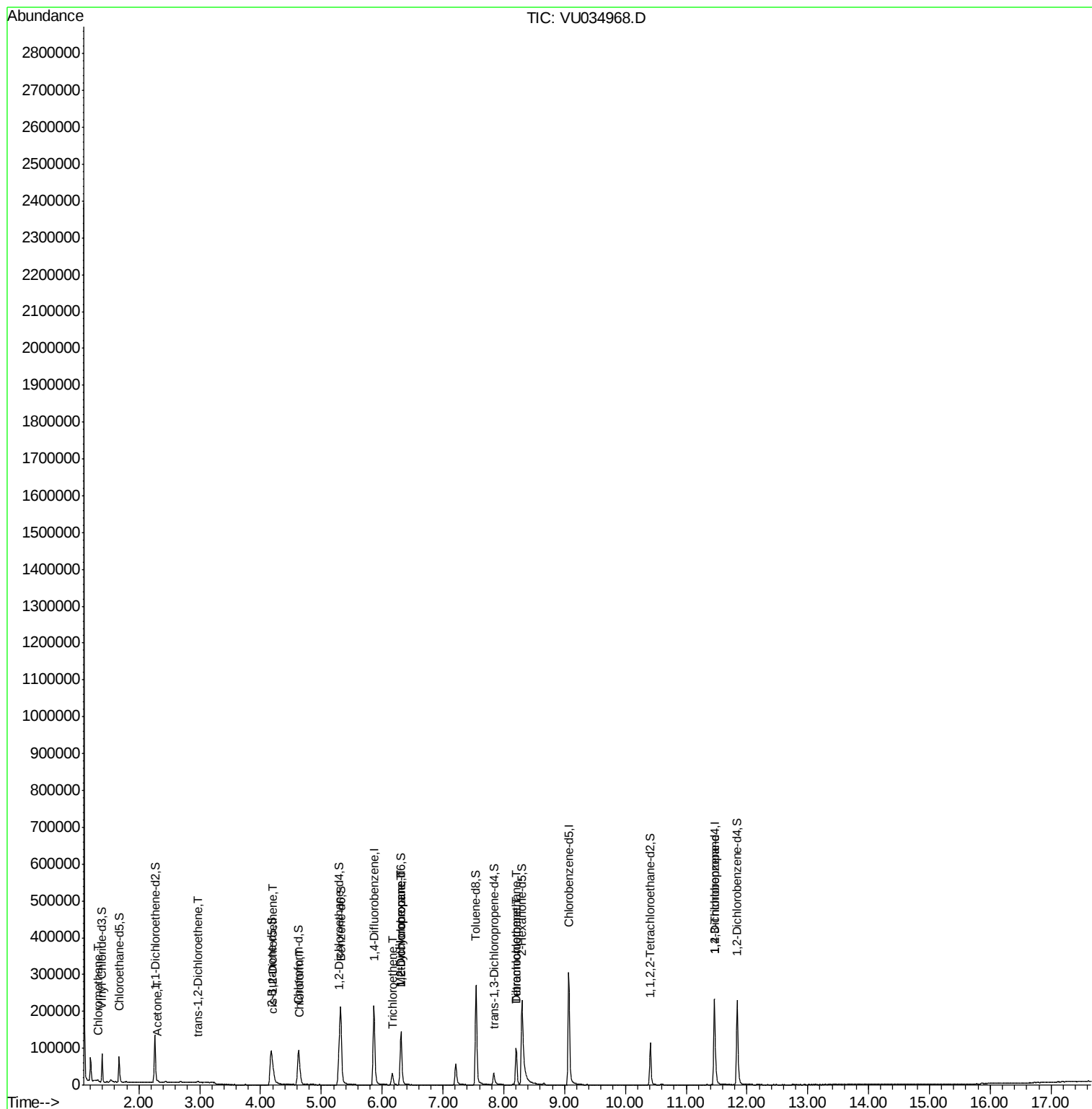
					Qvalue
3) Chloromethane	1.33	50	3042	0.164	ug/L 92
13) Acetone	2.31	43	4230	1.600	ug/L 93
18) trans-1,2-Dichloroethene	2.97	96	863	0.068	ug/L 95
22) cis-1,2-Dichloroethene	4.20	96	16917	1.189	ug/L 94
25) Chloroform	4.65	83	18475	0.648	ug/L 99
34) Trichloroethene	6.17	95	11105	0.763	ug/L 86
35) Methylcyclohexane	6.31	83	16070	0.682	ug/L # 19
37) 1,2-Dichloropropane	6.31	63	8042	0.528	ug/L # 89
47) Tetrachloroethene	8.21	164	23170	1.967	ug/L 95
49) Dibromochloromethane	8.21	129	22253	1.905	ug/L # 13
59) 1,2,3-Trichloropropane	11.46	75	9471	0.961	ug/L 94

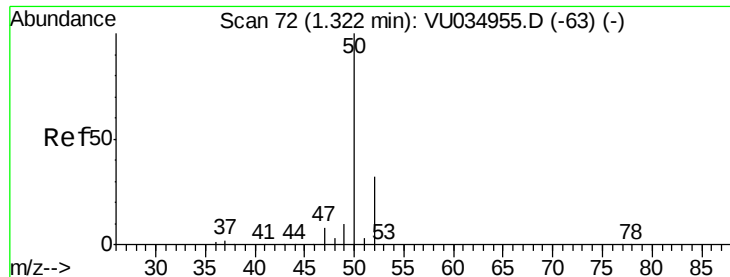
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.164 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU034968.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

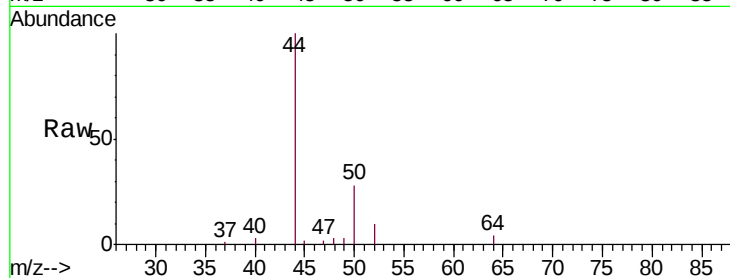
MW-25-001-01

Tgt Ion: 50 Resp: 3042

Ion Ratio Lower Upper

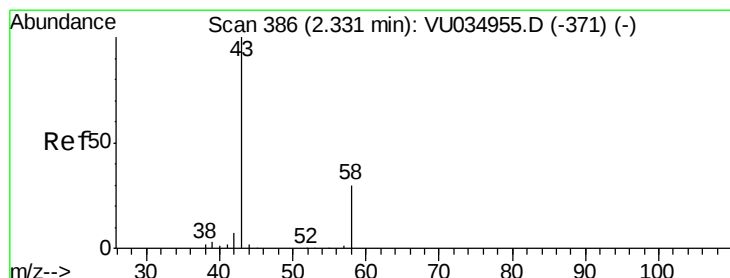
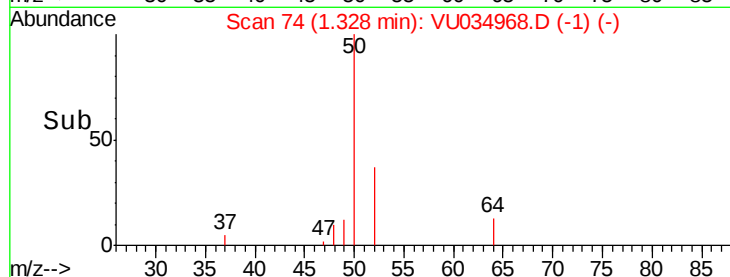
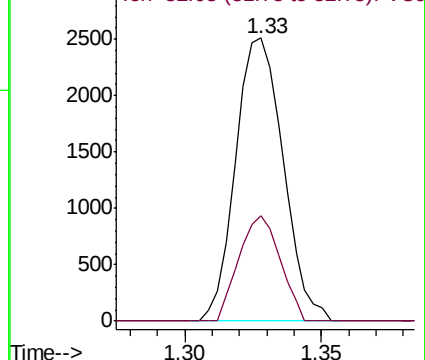
50 100

52 37.4 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 1.600 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU034968.D

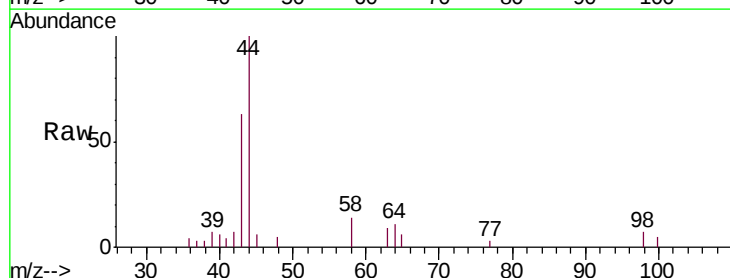
Acq: 07 Oct 2019 18:37

Tgt Ion: 43 Resp: 4230

Ion Ratio Lower Upper

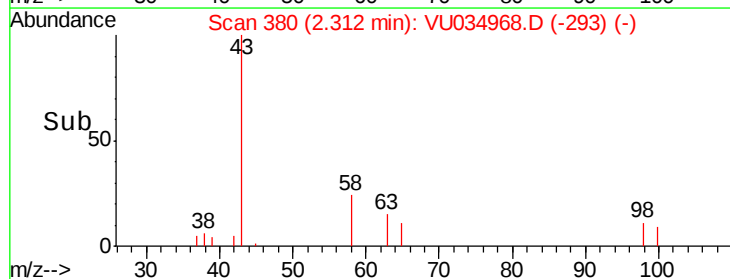
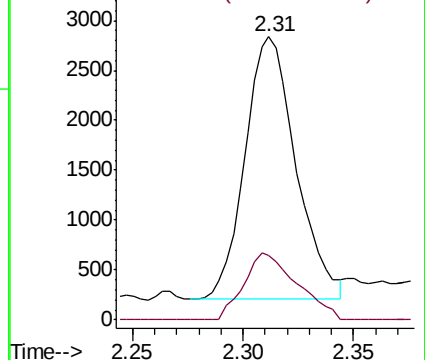
43 100

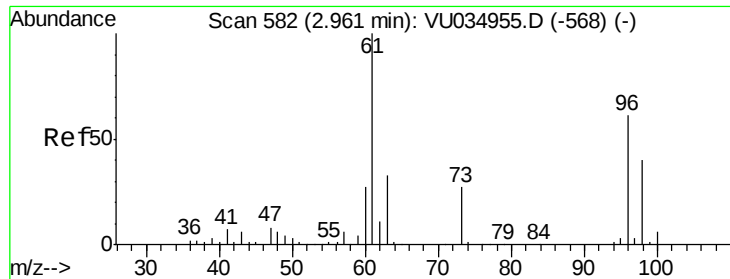
58 26.6 0.0 60.8



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: 0.068 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU034968.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

MW-25-001-01

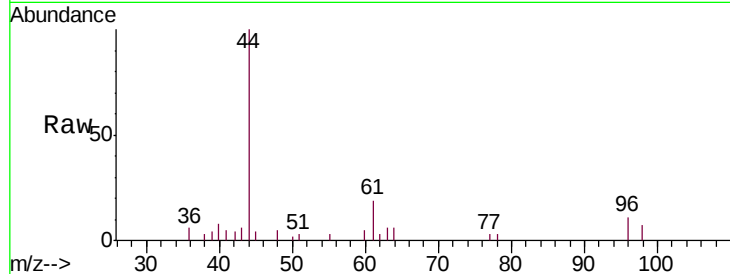
Tgt Ion: 96 Resp: 863

Ion Ratio Lower Upper

96 100

61 167.2 112.3 208.7

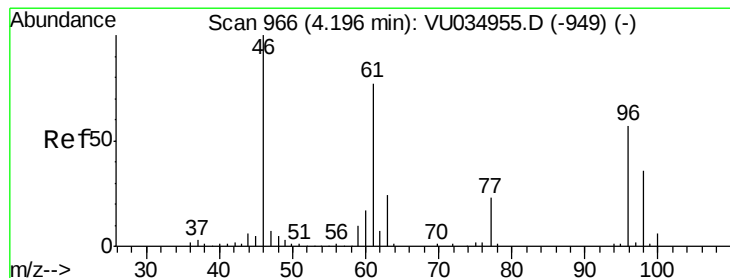
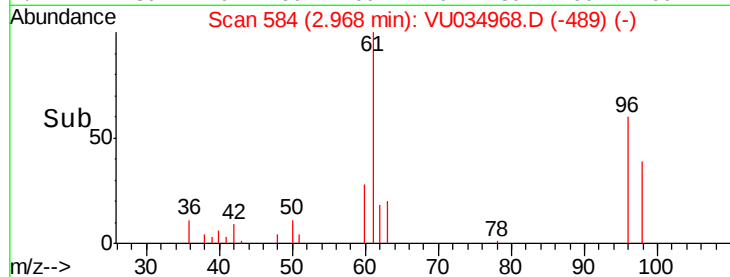
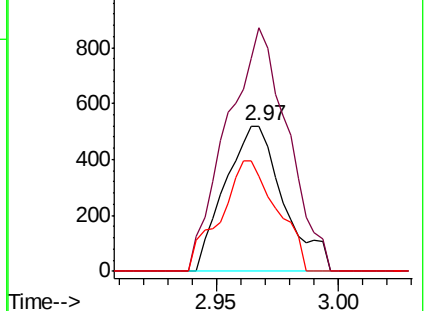
98 65.5 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VU034955.D (-568) (-)

Ion 61.05 (60.75 to 61.75): VU034955.D (-568) (-)

Ion 97.95 (97.65 to 98.65): VU034955.D (-568) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.189 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.01 min

Lab File: VU034968.D

Acq: 07 Oct 2019 18:37

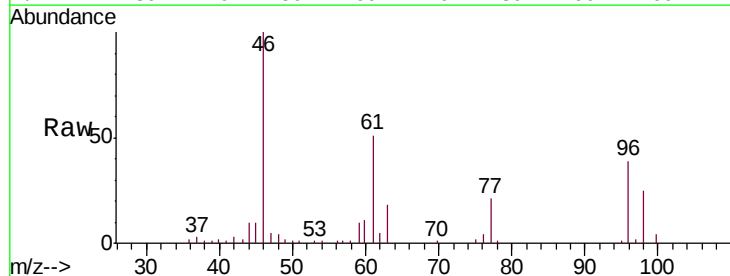
Tgt Ion: 96 Resp: 16917

Ion Ratio Lower Upper

96 100

61 130.5 96.4 179.0

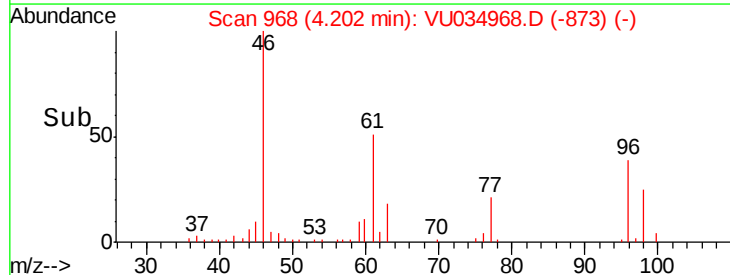
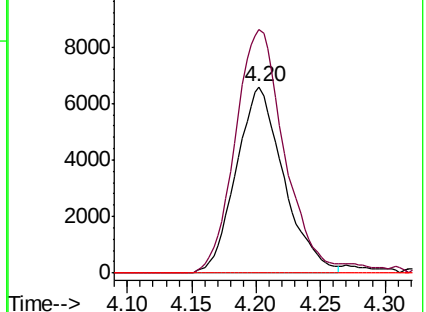
68 0.0 0.0 0.0

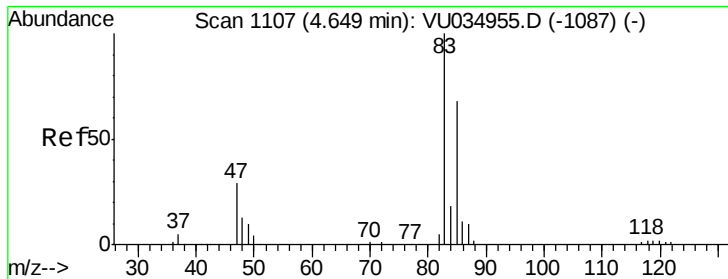


Abundance Ion 96.00 (95.70 to 96.70): VU034955.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU034955.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU034955.D (-949) (-)





#25

Chloroform

Concen: 0.648 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU034968.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

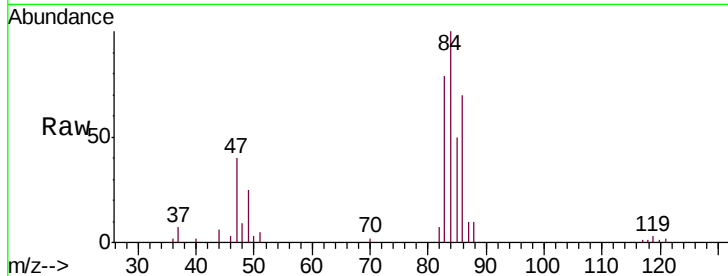
MW-25-001-01

Tgt Ion: 83 Resp: 18475

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU034955.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU034955.D (-1087) (-)

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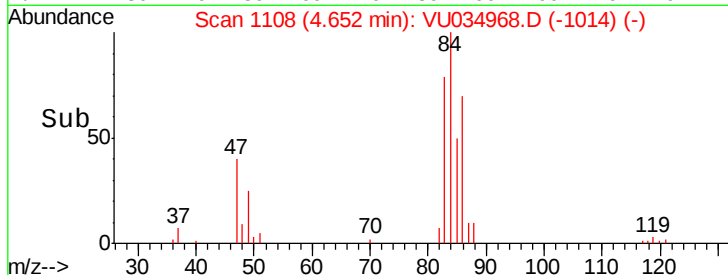
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Abundance Ion 83.05 (82.75 to 83.75): VU034955.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU034955.D (-1087) (-)

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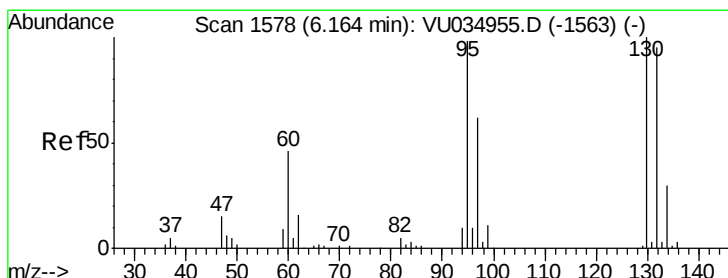
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#34

Trichloroethene

Concen: 0.763 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034968.D

Acq: 07 Oct 2019 18:37

Tgt Ion: 95 Resp: 11105

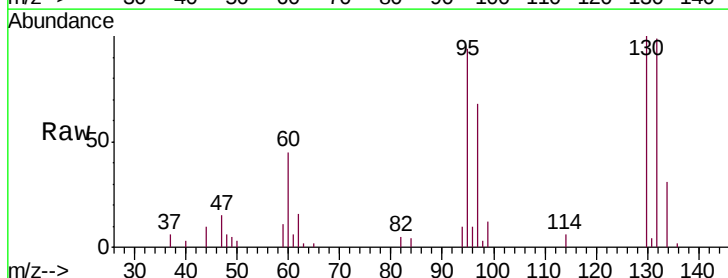
Ion Ratio Lower Upper

95 100

97 72.4 42.5 78.9

132 105.2 65.8 122.2

130 106.7 65.0 120.8



Abundance Ion 95.00 (94.70 to 95.70): VU034955.D (-1563) (-)

Ion 96.95 (96.65 to 97.65): VU034955.D (-1563) (-)

Ion 131.95 (131.65 to 132.65): VU034955.D (-1563) (-)

Ion 129.95 (129.65 to 130.65): VU034955.D (-1563) (-)

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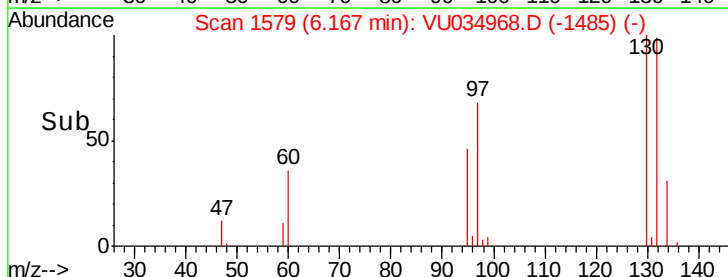
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Abundance Ion 95.00 (94.70 to 95.70): VU034955.D (-1563) (-)

Ion 96.95 (96.65 to 97.65): VU034955.D (-1563) (-)

Ion 131.95 (131.65 to 132.65): VU034955.D (-1563) (-)

Ion 129.95 (129.65 to 130.65): VU034955.D (-1563) (-)

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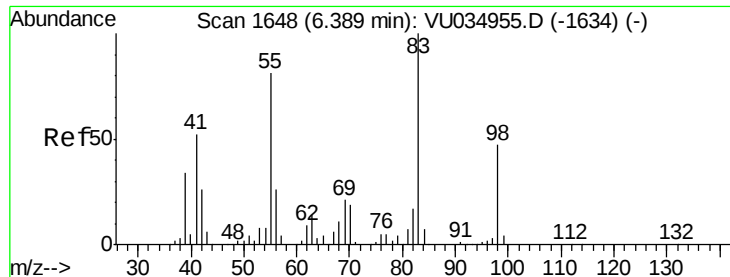
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#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034968.D

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ClientSampleId :

MW-25-001-01

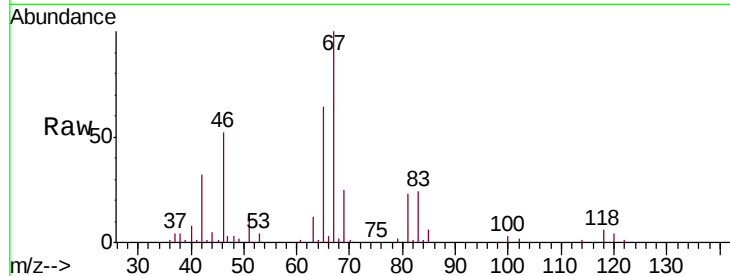
Tgt Ion: 83 Resp: 16070

Ion Ratio Lower Upper

83 100

55 0.8 62.4 93.6#

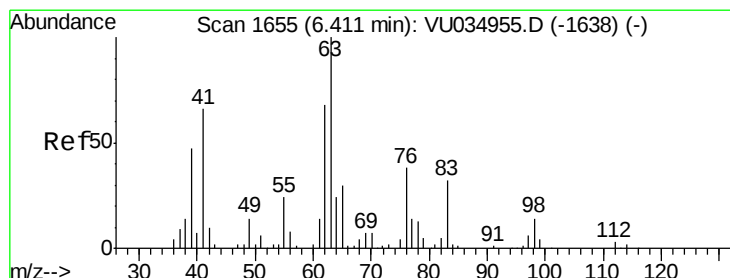
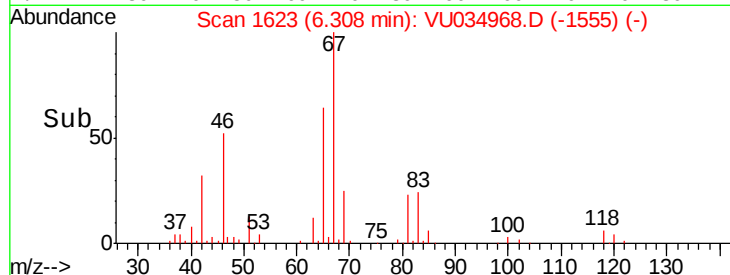
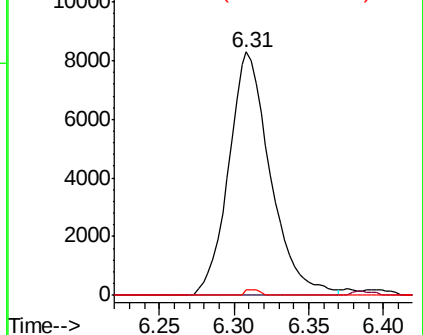
98 0.8 35.5 53.3#



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: 0.528 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU034968.D

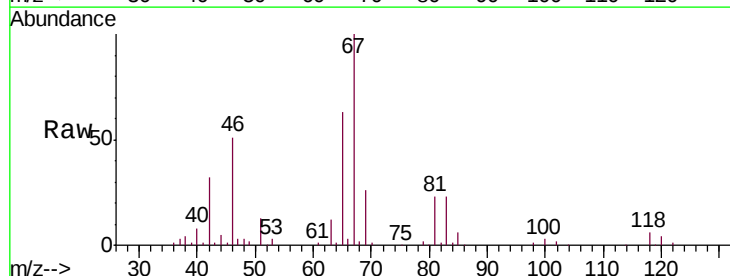
Acq: 07 Oct 2019 18:37

Tgt Ion: 63 Resp: 8042

Ion Ratio Lower Upper

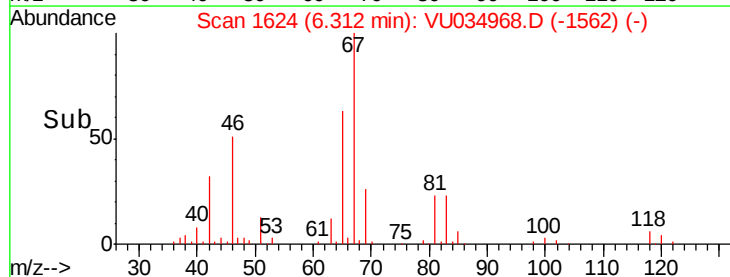
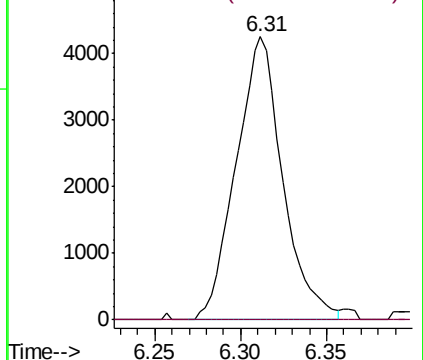
63 100

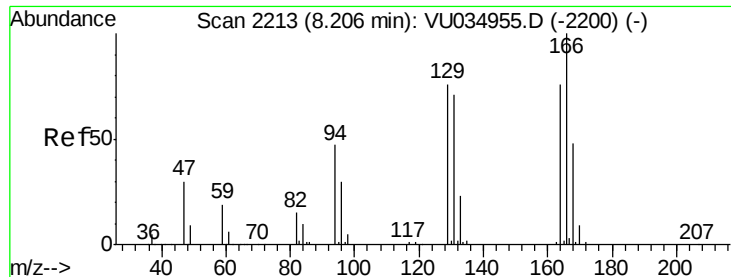
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

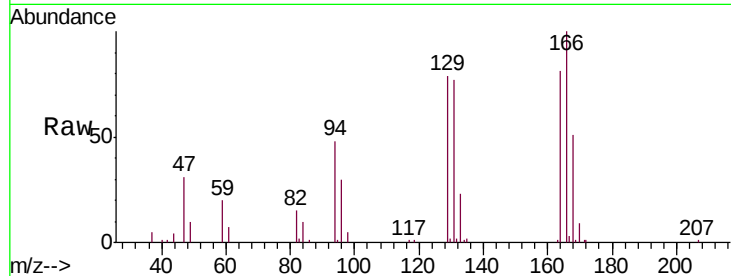




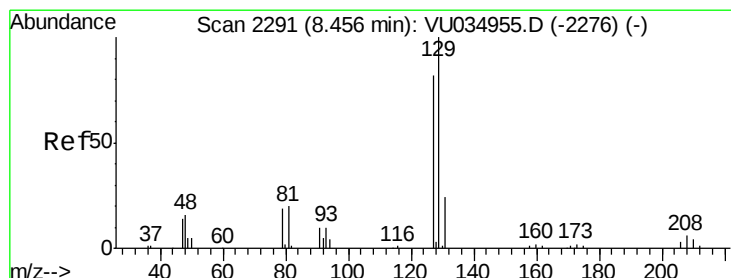
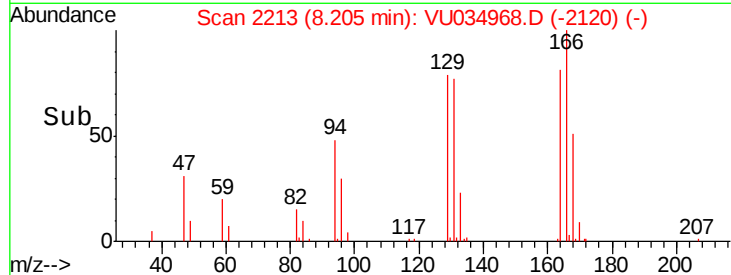
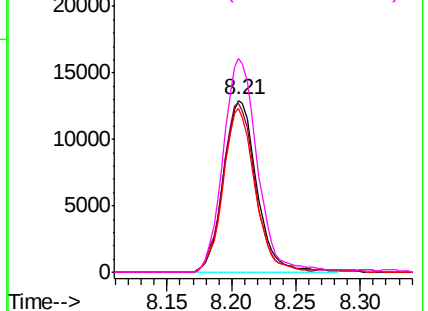
#47
Tetrachloroethene
Concen: 1.967 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034968.D
Acq: 07 Oct 2019 18:37

Instrument :
MSVOA_U
ClientSampleId :
MW-25-001-01

Tgt Ion:	164	Resp:	23170
Ion	Ratio	Lower	Upper
164	100		
129	98.5	66.5	123.5
131	95.2	63.3	117.7
166	124.1	91.6	170.2

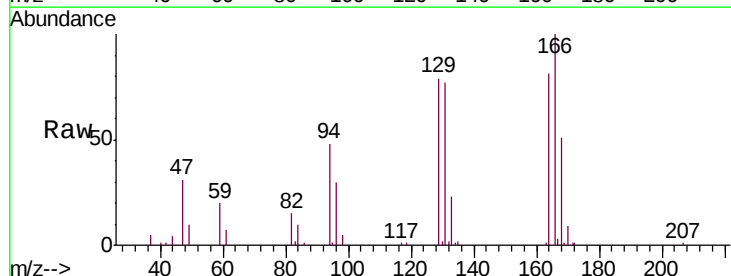


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

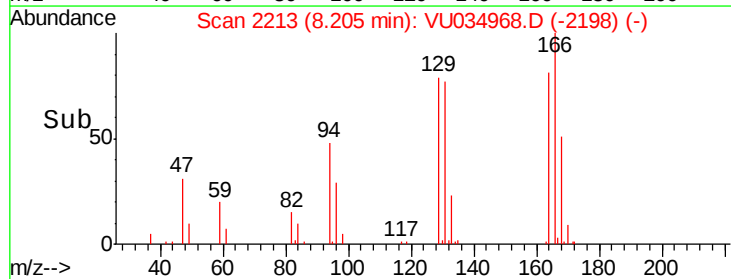
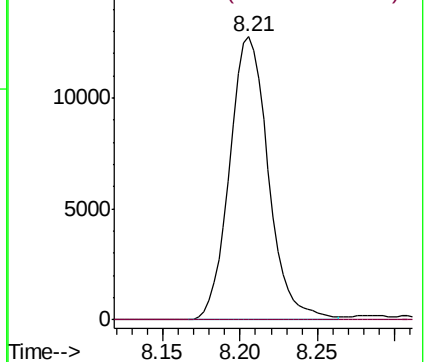


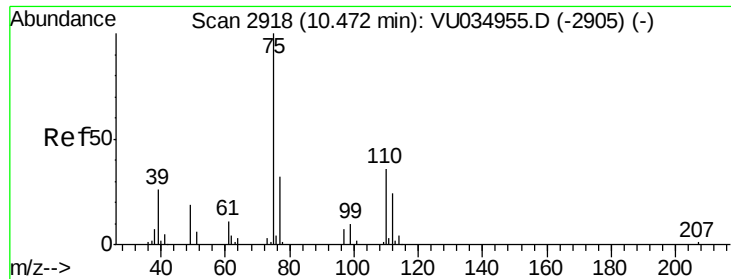
#49
Dibromochloromethane
Concen: 1.905 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034968.D
Acq: 07 Oct 2019 18:37

Tgt Ion:	129	Resp:	22253
Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.2	95.0#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.961 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034968.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

MW-25-001-01

Tgt Ion: 75 Resp: 9471

Ion Ratio Lower Upper

75 100

77 35.4 25.8 38.6

