

Data File : VU034866.D
Acq On : 27 Sep 2019 11:30
Operator : JC/SP
Sample : K5044-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK39

Quant Time: Sep 28 00:30:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 28 00:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	85753	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	82876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	37000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	28159	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.67	69	22987	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.26	63	41254	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.16	46	70318	41.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.84%
24) Chloroform-d	4.62	84	39362	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.29	65	22710	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.32	84	87599	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.31	67	30572	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.54	98	80866	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.83	79	9518	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.30	63	48051	35.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	21310	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	25975	4.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.40%

Target Compounds

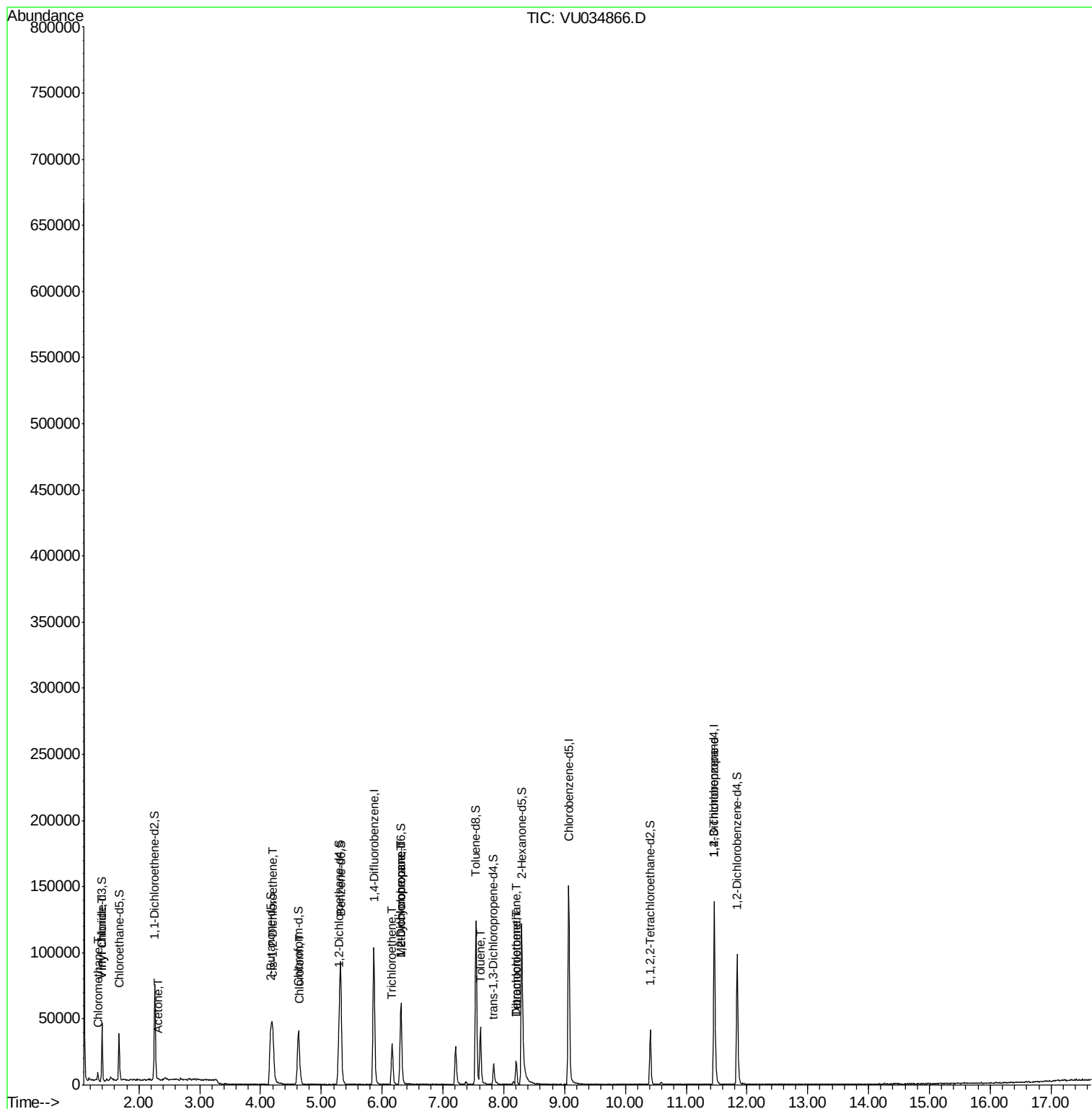
					Qvalue
3) Chloromethane	1.32	50	4415	0.721 ug/L	94
5) Vinyl chloride	1.40	62	775	0.121 ug/L #	1
13) Acetone	2.31	43	1480	1.142 ug/L	90
22) cis-1,2-Dichloroethene	4.20	96	19111	3.251 ug/L	100
25) Chloroform	4.65	83	5368	0.447 ug/L	96
34) Trichloroethene	6.16	95	10643	1.905 ug/L	95
35) Methylcyclohexane	6.31	83	5732	0.635 ug/L #	16
37) 1,2-Dichloropropane	6.31	63	3327	0.481 ug/L #	92
42) Toluene	7.62	91	31434	1.298 ug/L	98
47) Tetrachloroethene	8.21	164	3820	1.128 ug/L	88
49) Dibromochloromethane	8.21	129	3609	0.699 ug/L #	12
59) 1,2,3-Trichloropropane	11.46	75	5384	1.191 ug/L #	87

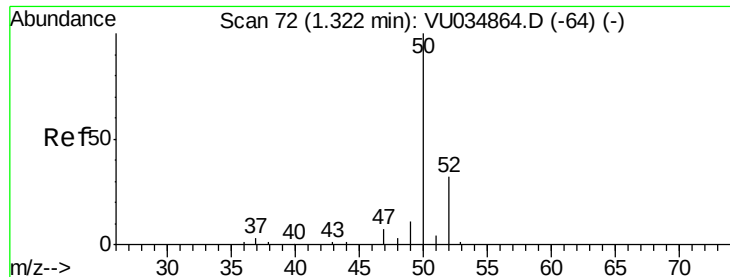
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.721 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034866.D

Acq: 27 Sep 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

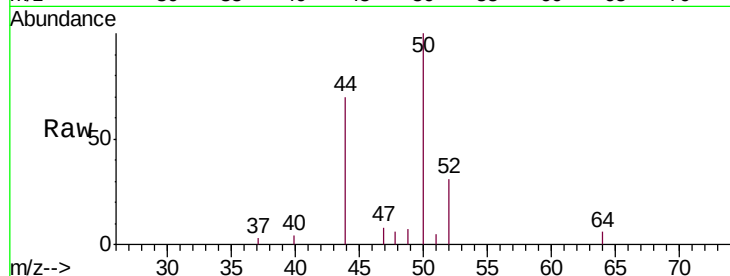
CWK39

Tgt Ion: 50 Resp: 4415

Ion Ratio Lower Upper

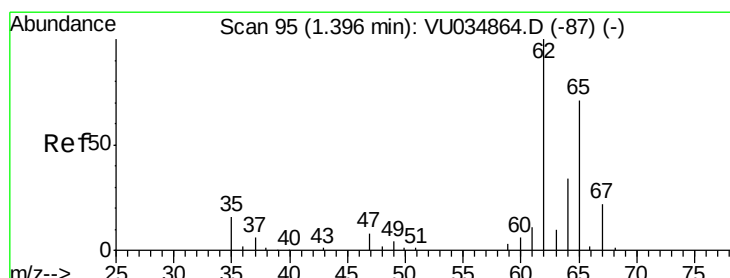
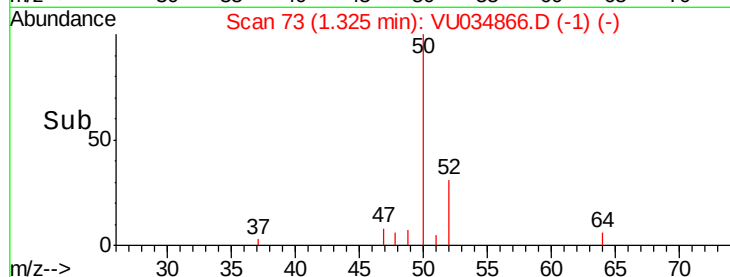
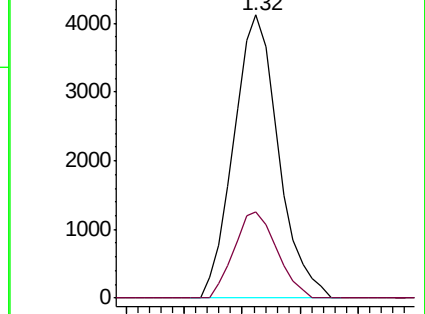
50 100

52 30.7 23.9 44.3



Abundance Ion 50.05 (49.75 to 50.75): VU034866.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU034866.D (-64) (-)



#5

Vinyl chloride

Concen: 0.121 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034866.D

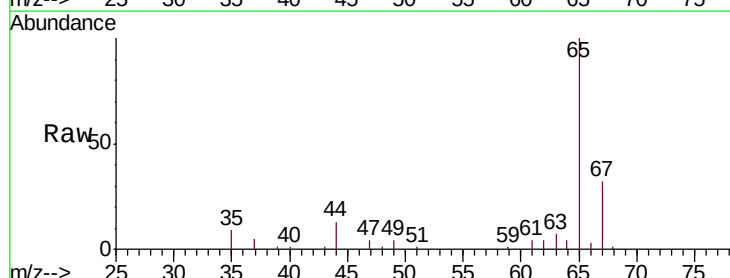
Acq: 27 Sep 2019 11:30

Tgt Ion: 62 Resp: 775

Ion Ratio Lower Upper

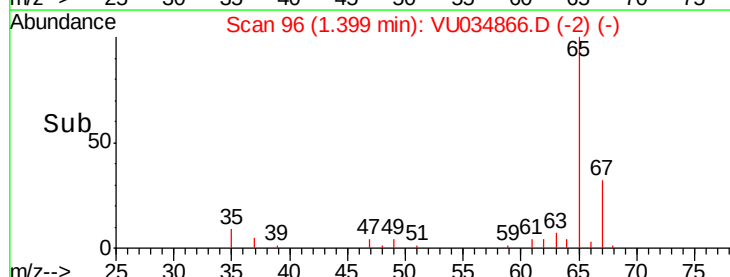
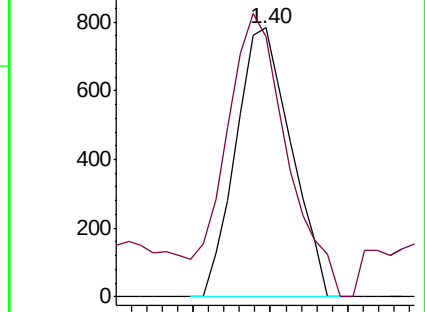
62 100

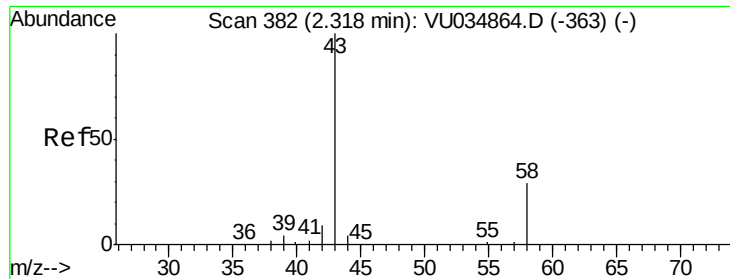
64 96.9 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VU034866.D (-87) (-)

Ion 64.10 (63.80 to 64.80): VU034866.D (-87) (-)





#13

Acetone

Concen: 1.142 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034866.D

Acq: 27 Sep 2019 11:30

Instrument :

MSVOA_U

ClientSampled :

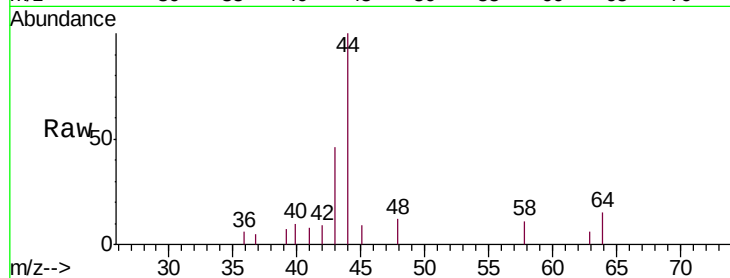
CWK39

Tgt Ion: 43 Resp: 1480

Ion Ratio Lower Upper

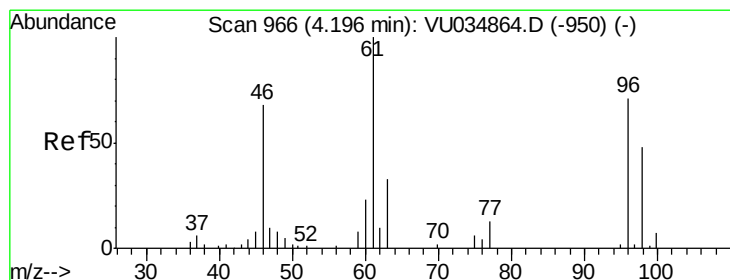
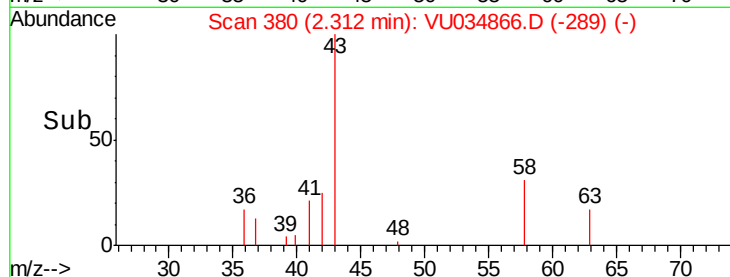
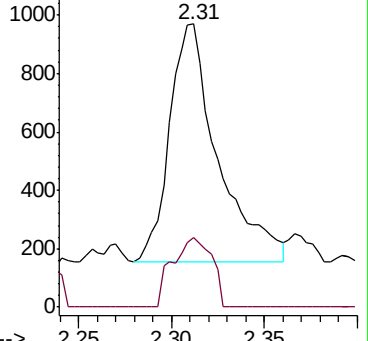
43 100

58 23.6 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU034866.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU034866.D (-289) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.251 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.01 min

Lab File: VU034866.D

Acq: 27 Sep 2019 11:30

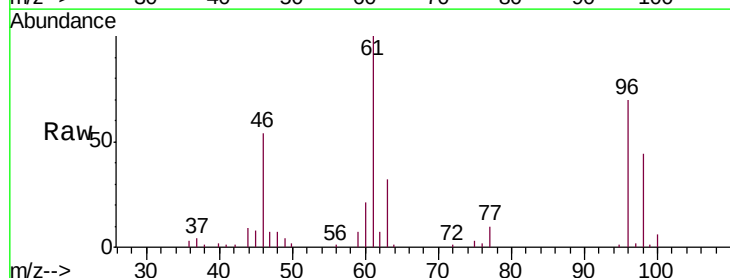
Tgt Ion: 96 Resp: 19111

Ion Ratio Lower Upper

96 100

61 143.5 100.0 185.8

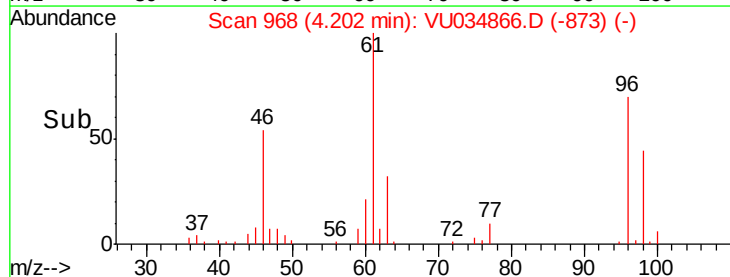
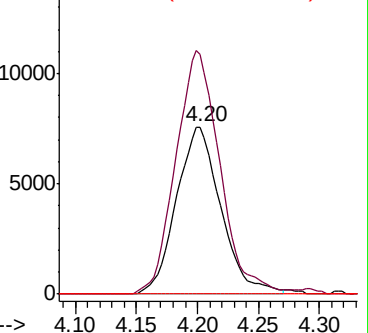
68 0.0 0.0 0.0

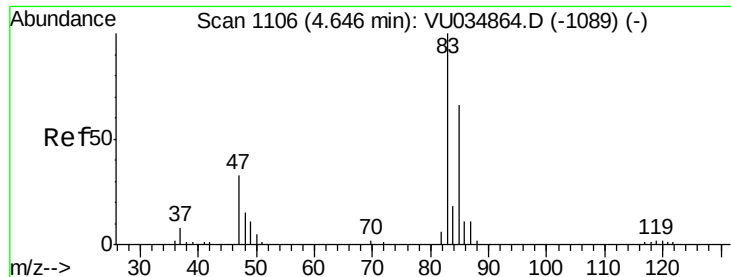


Abundance Ion 96.00 (95.70 to 96.70): VU034866.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VU034866.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VU034866.D (-873) (-)

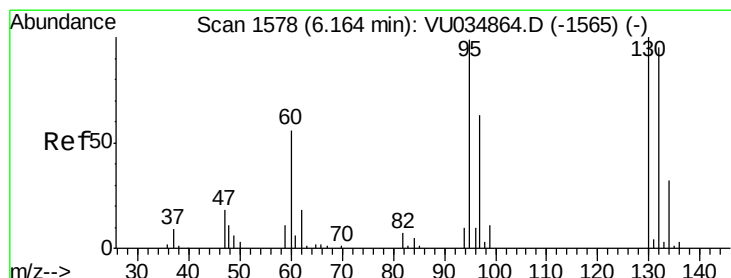
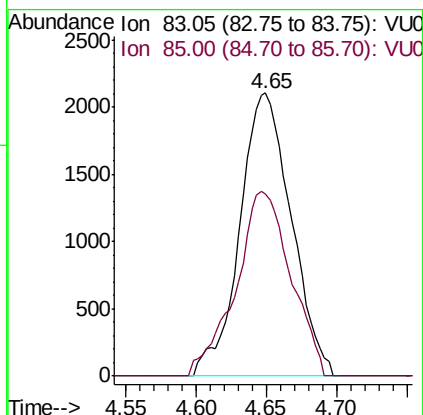
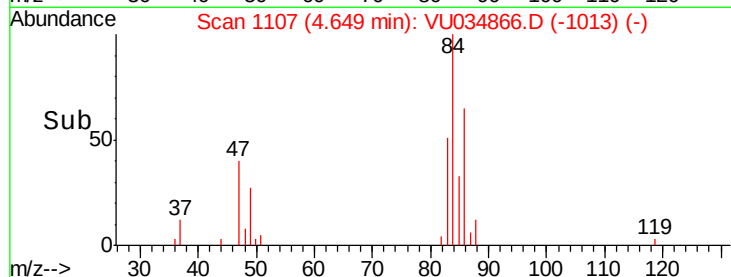
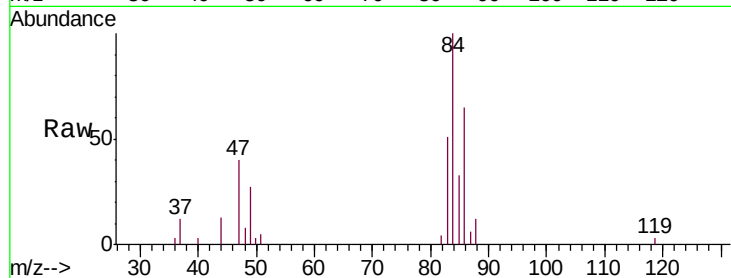




#25
Chloroform
Concen: 0.447 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034866.D
Acq: 27 Sep 2019 11:30

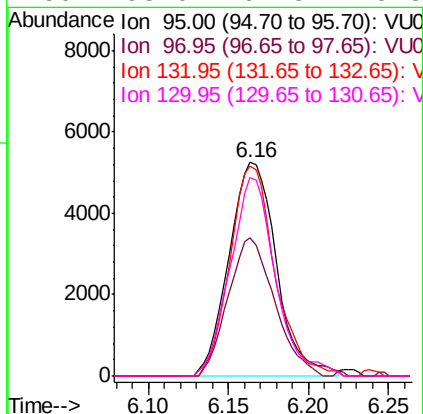
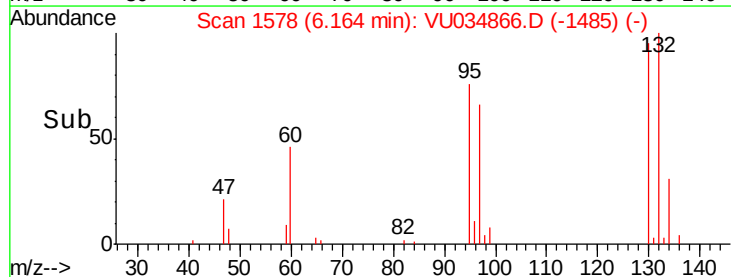
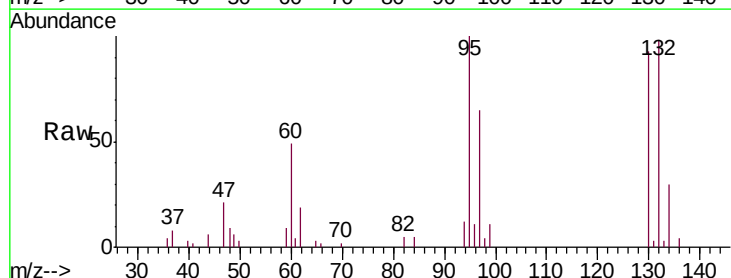
Instrument :
MSVOA_U
ClientSampleId :
CWK39

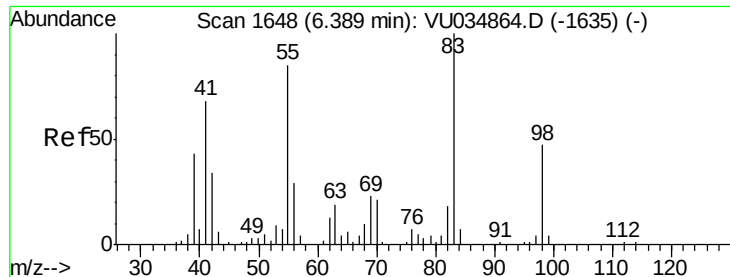
Tgt Ion: 83 Resp: 5368
Ion Ratio Lower Upper
83 100
85 64.4 42.8 79.4



#34
Trichloroethene
Concen: 1.905 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU034866.D
Acq: 27 Sep 2019 11:30

Tgt Ion: 95 Resp: 10643
Ion Ratio Lower Upper
95 100
97 64.9 45.2 84.0
132 98.2 60.9 113.1
130 93.0 64.3 119.3

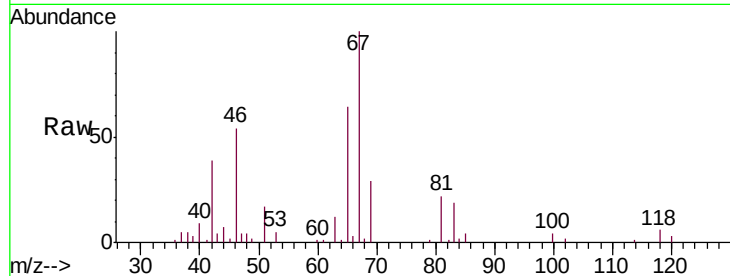




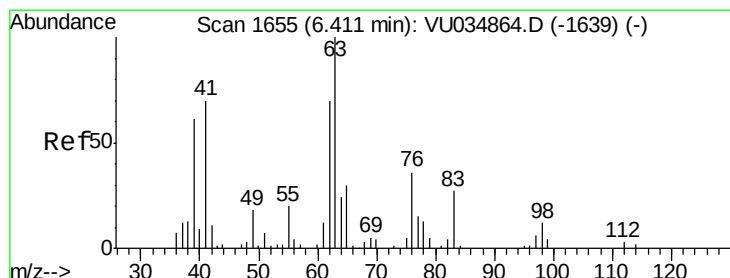
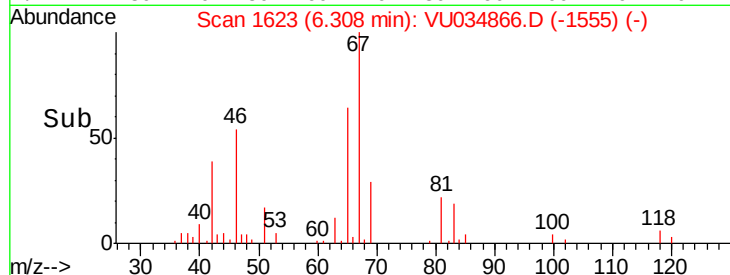
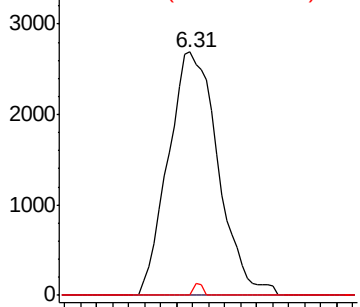
#35
Methylcyclohexane
Concen: 0.635 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034866.D
Acq: 27 Sep 2019 11:30

Instrument :
MSVOA_U
ClientSampleId :
CWK39

Tgt Ion: 83 Resp: 5732
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.8 35.4 53.0#

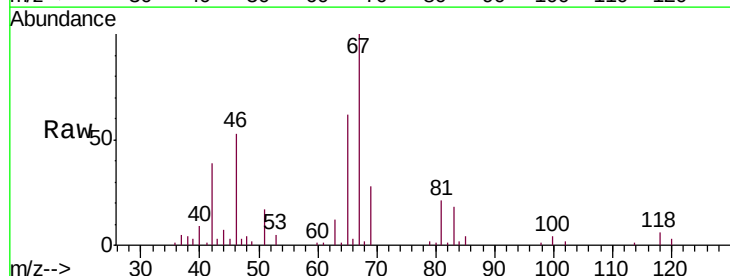


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

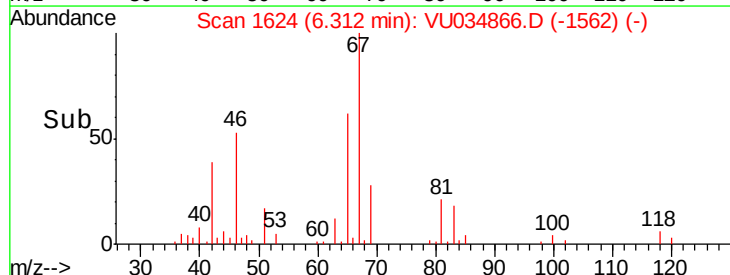
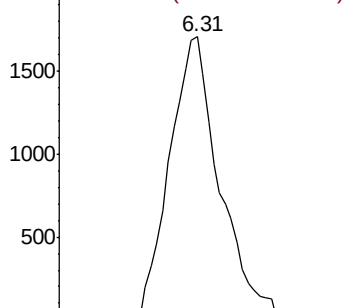


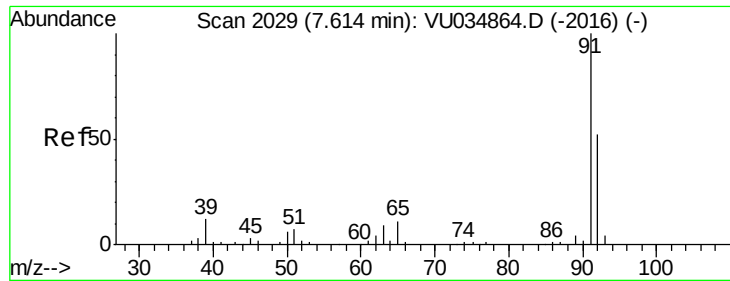
#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034866.D
Acq: 27 Sep 2019 11:30

Tgt Ion: 63 Resp: 3327
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 1.298 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034866.D

Acq: 27 Sep 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

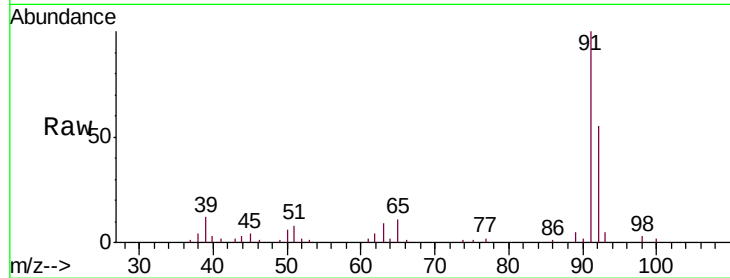
CWK39

Tgt Ion: 91 Resp: 31434

Ion Ratio Lower Upper

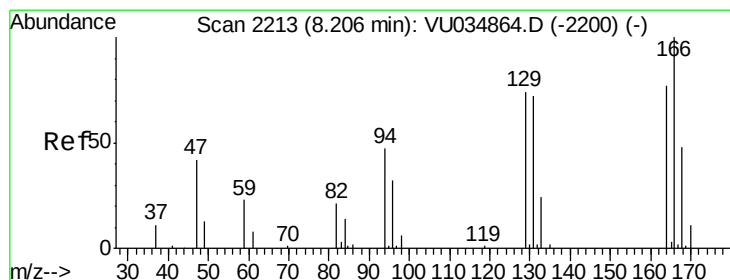
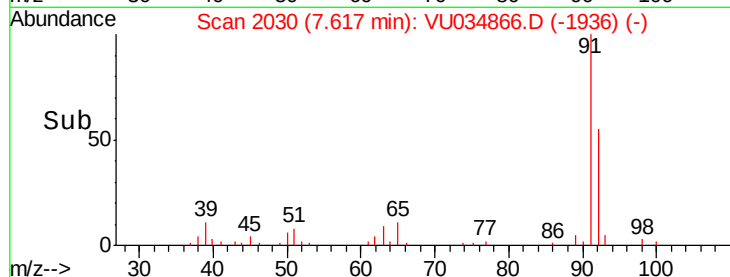
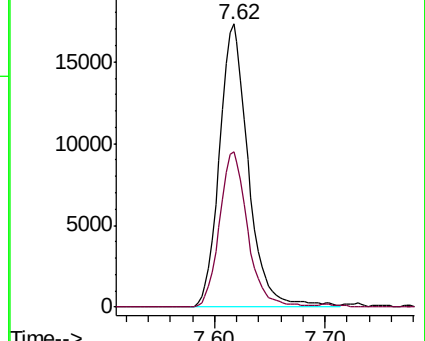
91 100

92 54.8 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VU034866.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU034866.D (-2016) (-)



#47

Tetrachloroethene

Concen: 1.128 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034866.D

Acq: 27 Sep 2019 11:30

Tgt Ion: 164 Resp: 3820

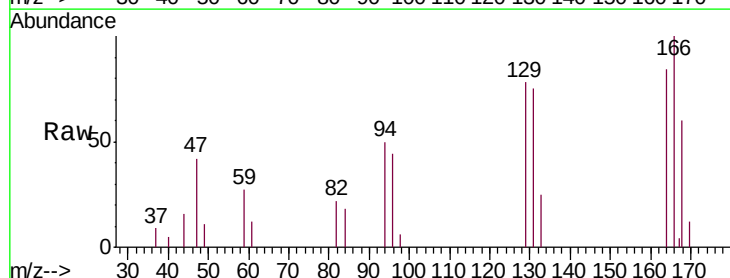
Ion Ratio Lower Upper

164 100

129 92.9 73.6 136.8

131 89.3 73.4 136.4

166 119.4 90.6 168.3

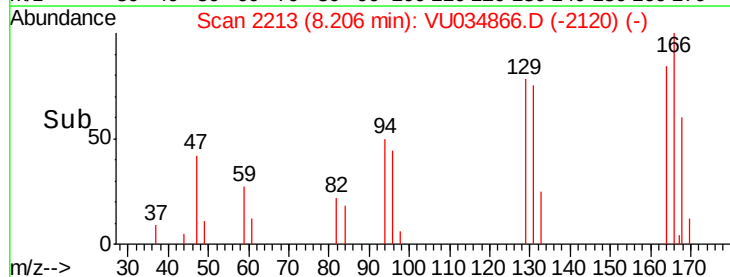
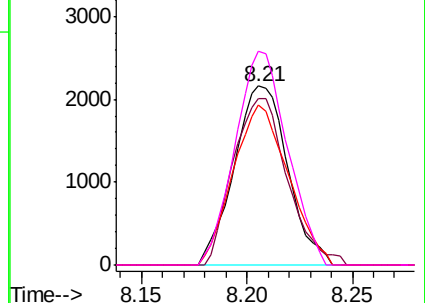


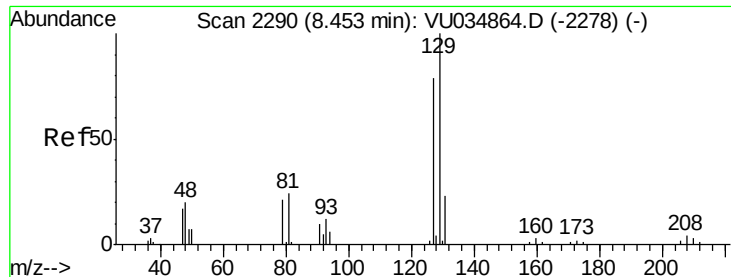
Abundance Ion 163.90 (163.60 to 164.60): VU034866.D (-2120) (-)

Ion 128.95 (128.65 to 129.65): VU034866.D (-2120) (-)

Ion 130.95 (130.65 to 131.65): VU034866.D (-2120) (-)

Ion 165.90 (165.60 to 166.60): VU034866.D (-2120) (-)





#49

Dibromochloromethane

Concen: 0.699 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.24 min

Lab File: VU034866.D

Acq: 27 Sep 2019 11:30

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MSVOA_U

ClientSampleId :

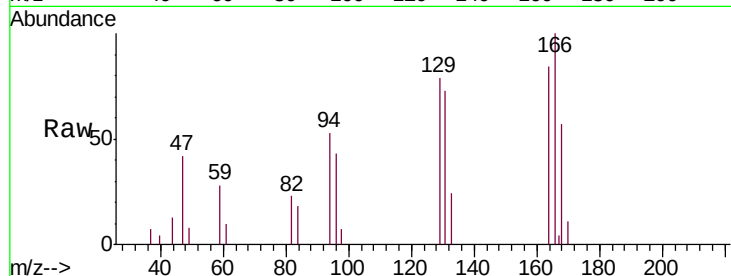
CWK39

Tgt Ion:129 Resp: 3609

Ion Ratio Lower Upper

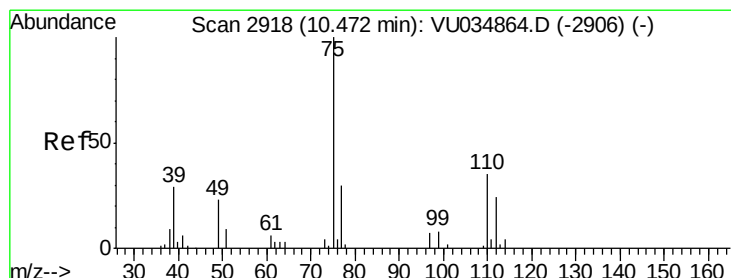
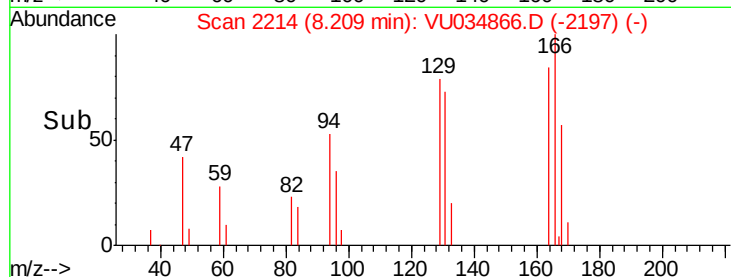
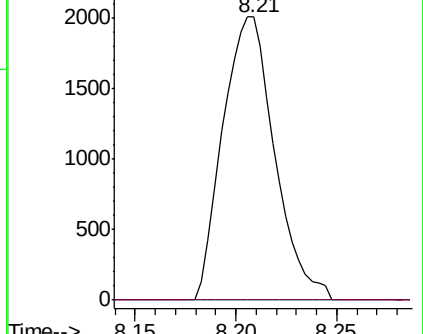
129 100

127 0.0 53.0 98.4#



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: 1.191 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034866.D

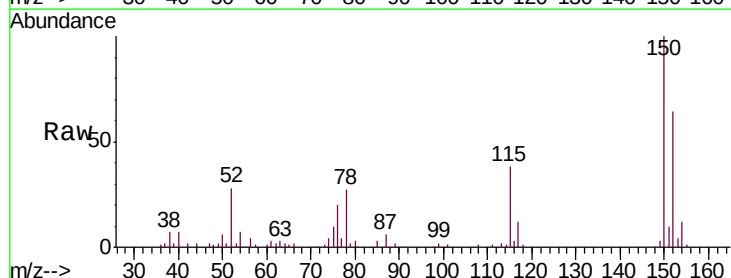
Acq: 27 Sep 2019 11:30

Tgt Ion: 75 Resp: 5384

Ion Ratio Lower Upper

75 100

77 39.7 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

