

Data File : VU034389.D
Acq On : 07 Sep 2019 18:38
Operator : JC/SP
Sample : K4724-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDB5

Quant Time: Sep 08 02:35:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	281879	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282257	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	138933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73194	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.68	69	69987	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.26	63	111529	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.17	46	237382	54.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.26%
24) Chloroform-d	4.62	84	159404	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.29	65	81056	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.32	84	341460	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.31	67	111521	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.55	98	303111	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.83	79	38453	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.30	63	181254	51.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	89457	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	127598	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

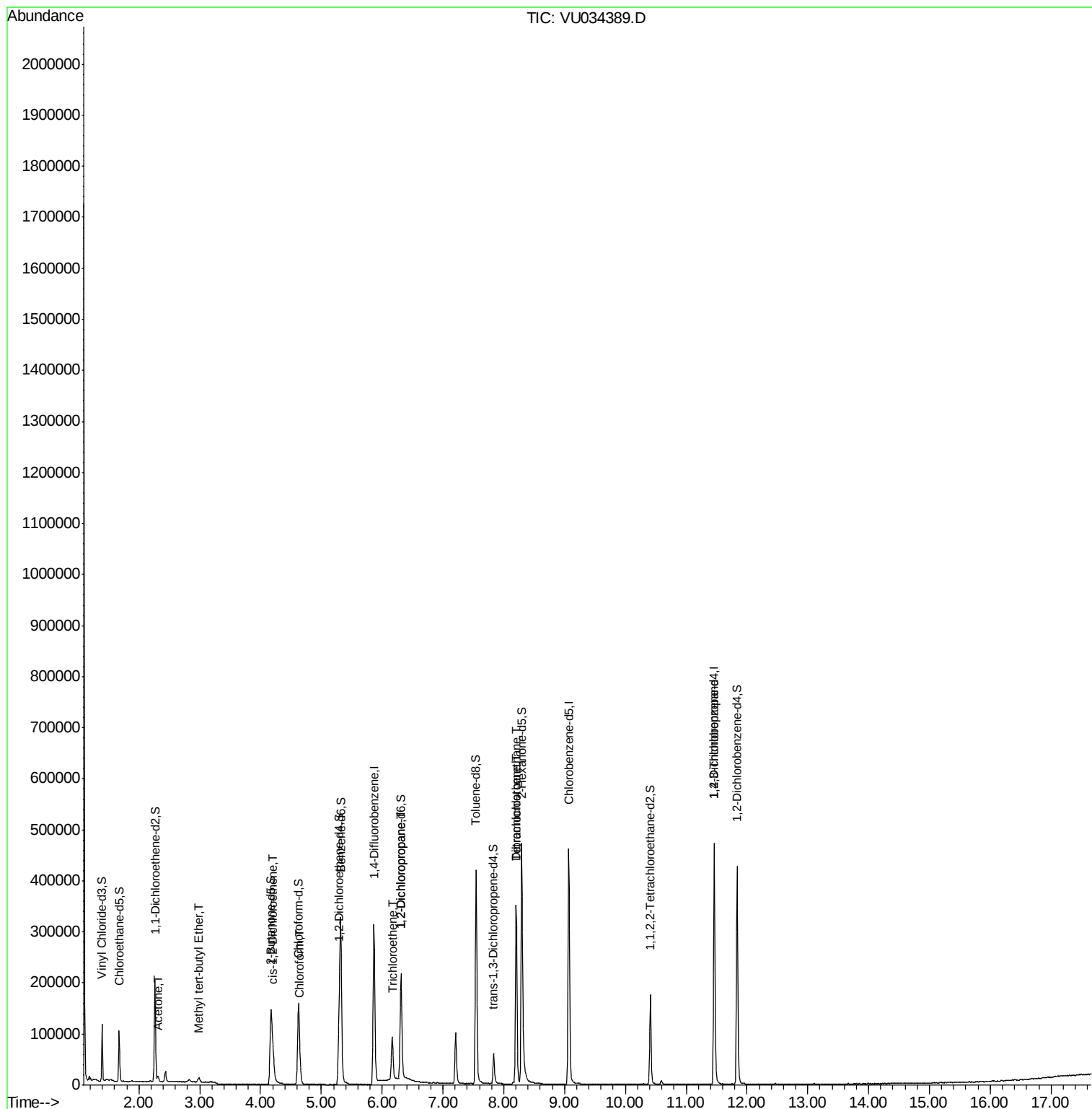
					Qvalue
13) Acetone	2.31	43	10245	3.489 ug/L	96
17) Methyl tert-butyl Ether	2.99	73	9129	0.209 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	23472	1.101 ug/L	97
25) Chloroform	4.66	83	15809	0.415 ug/L	100
34) Trichloroethene	6.17	95	30469	1.385 ug/L	94
37) 1,2-Dichloropropane	6.31	63	11238	0.511 ug/L #	92
47) Tetrachloroethene	8.21	164	86477	4.782 ug/L	96
49) Dibromochloromethane	8.21	129	79115	4.727 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	14924	1.185 ug/L	99

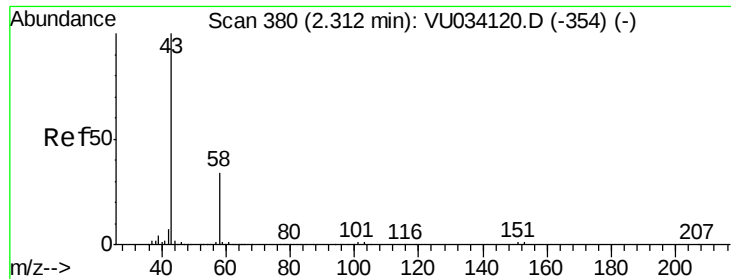
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.489 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034389.D

Acq: 07 Sep 2019 18:38

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MSVOA_U

ClientSampleId :

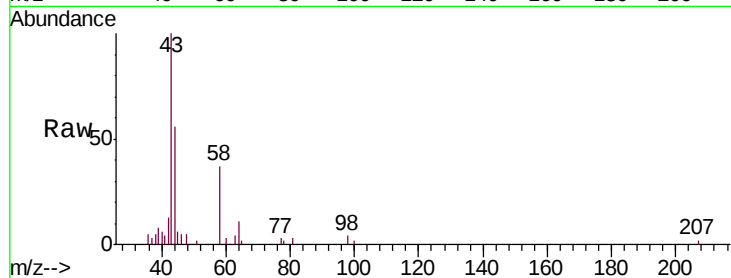
BFDB5

Tgt Ion: 43 Resp: 10245

Ion Ratio Lower Upper

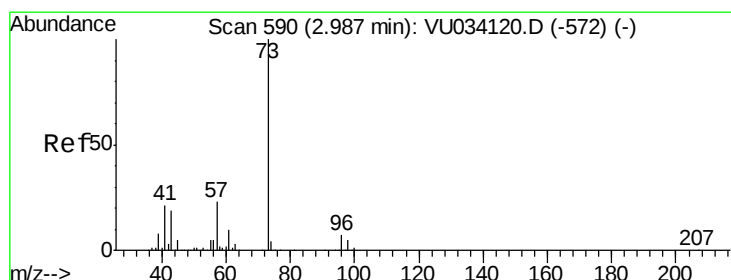
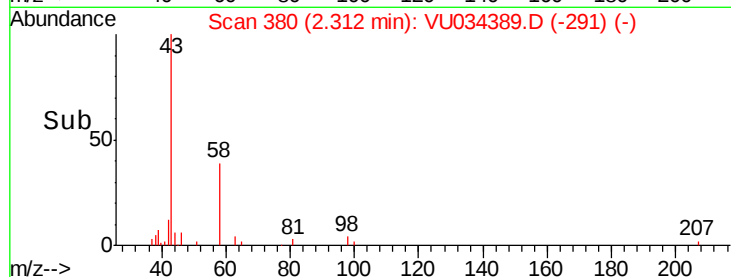
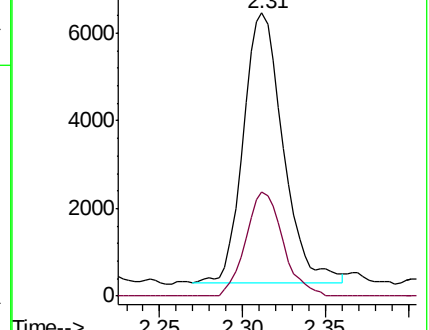
43 100

58 36.2 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034120.D (-354) (-)

Ion 58.05 (57.75 to 58.75): VU034120.D (-354) (-)



#17

Methyl tert-butyl Ether

Concen: 0.209 ug/L

RT: 2.99 min Scan# 591

Delta R.T. 0.00 min

Lab File: VU034389.D

Acq: 07 Sep 2019 18:38

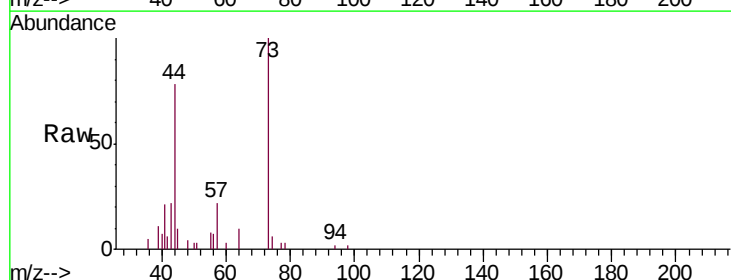
Tgt Ion: 73 Resp: 9129

Ion Ratio Lower Upper

73 100

43 19.3 14.7 22.1

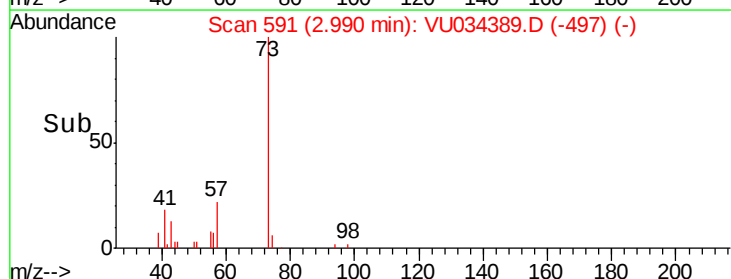
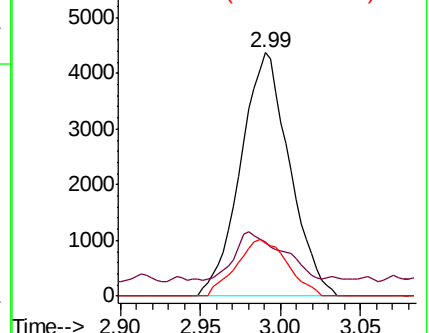
57 24.1 18.6 27.8

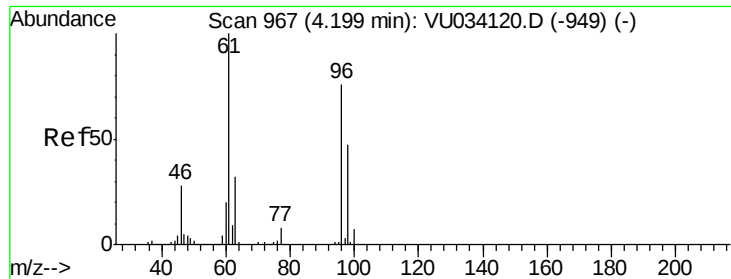


Abundance Ion 73.10 (72.80 to 73.80): VU034120.D (-572) (-)

Ion 43.05 (42.75 to 43.75): VU034120.D (-572) (-)

Ion 57.10 (56.80 to 57.80): VU034120.D (-572) (-)



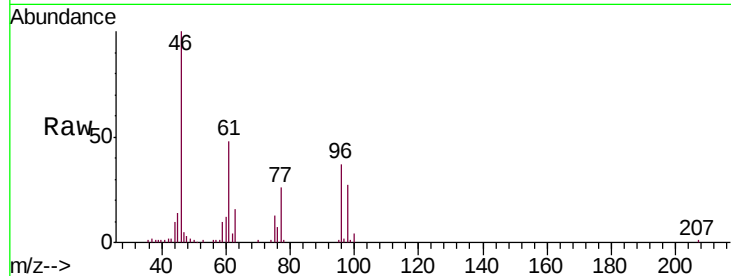


#22

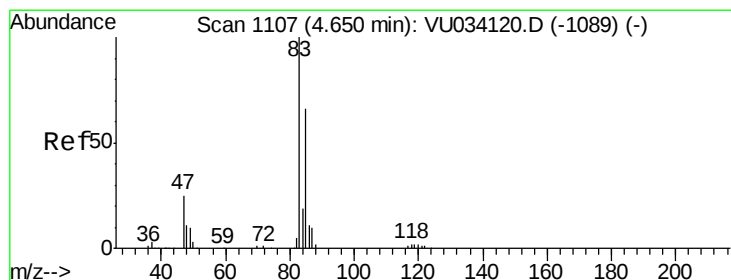
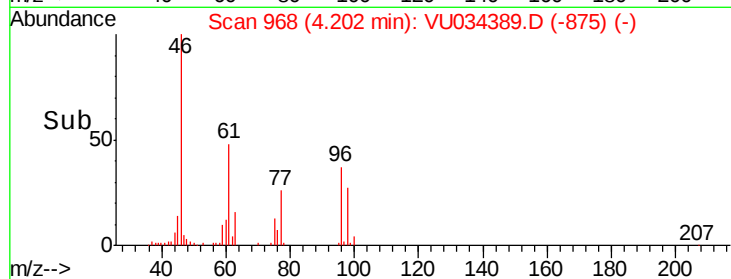
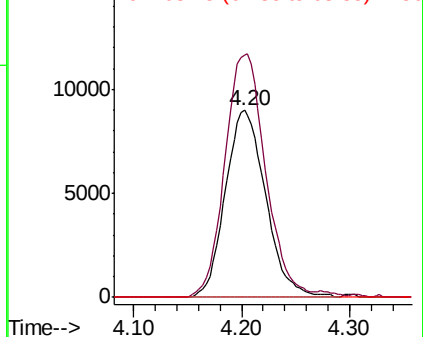
cis-1,2-Dichloroethene
 Concen: 1.101 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU034389.D
 Acq: 07 Sep 2019 18:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDB5

Tgt Ion: 96 Resp: 23472
 Ion Ratio Lower Upper
 96 100
 61 129.7 93.6 173.8
 68 0.0 0.0 0.0



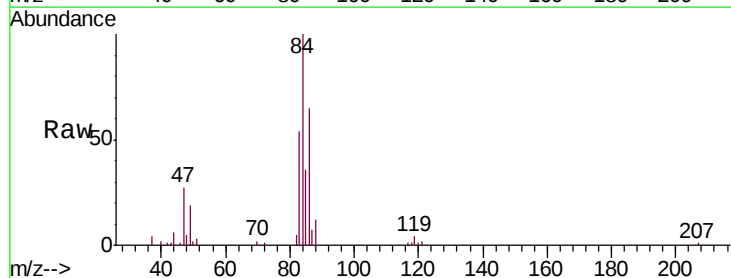
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



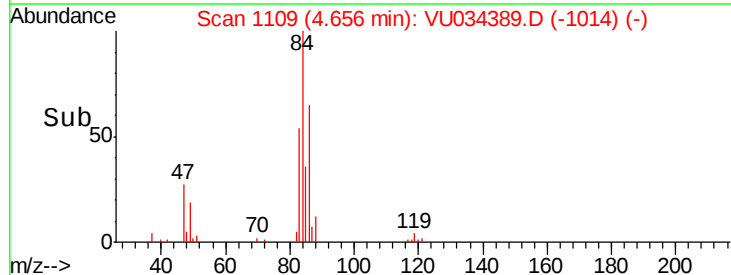
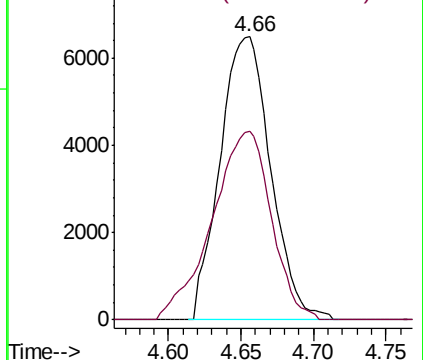
#25

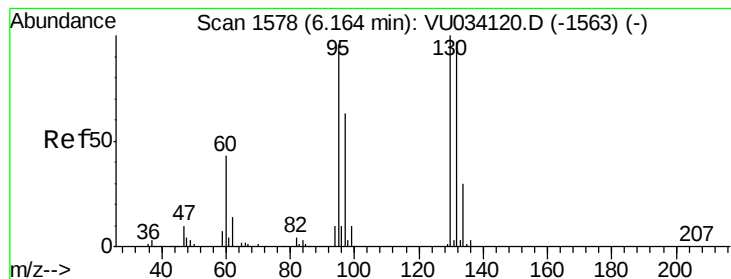
Chloroform
 Concen: 0.415 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: VU034389.D
 Acq: 07 Sep 2019 18:38

Tgt Ion: 83 Resp: 15809
 Ion Ratio Lower Upper
 83 100
 85 66.8 46.8 86.8



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





#34

Trichloroethene

Concen: 1.385 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034389.D

Acq: 07 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

BFDB5

Tgt Ion: 95 Resp: 30469

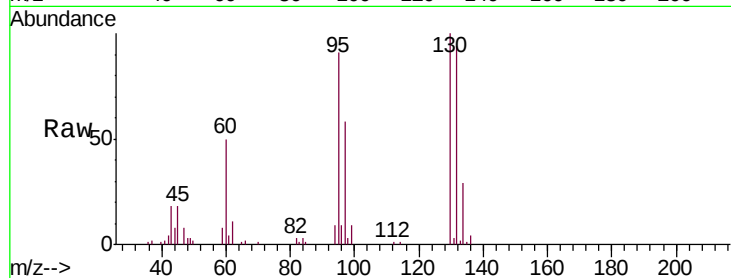
Ion Ratio Lower Upper

95 100

97 63.6 43.3 80.5

132 103.3 68.6 127.4

130 109.8 70.5 130.9

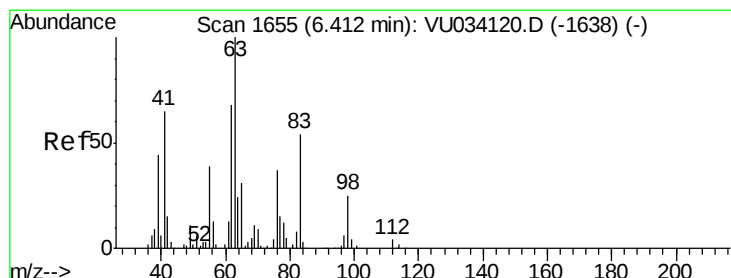
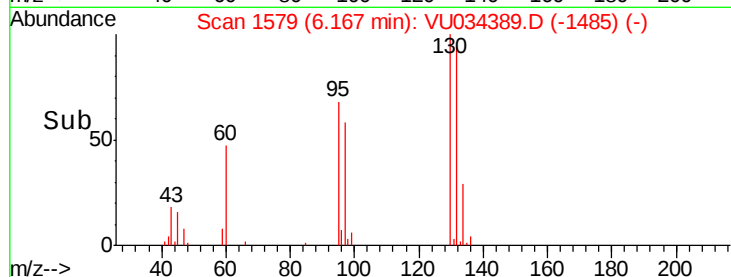
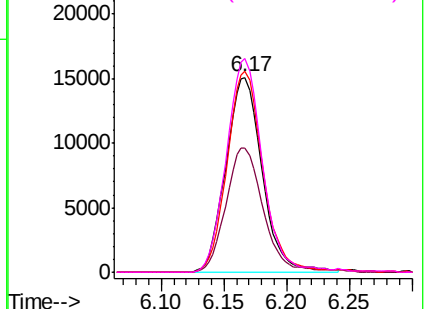


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034389.D

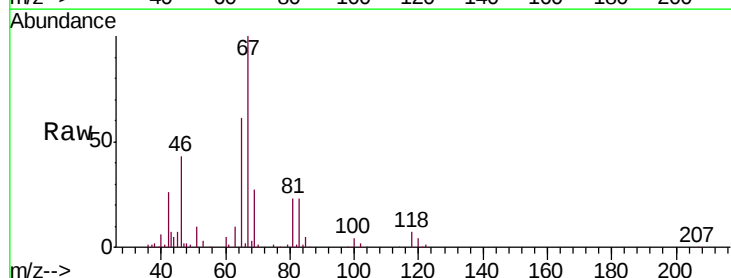
Acq: 07 Sep 2019 18:38

Tgt Ion: 63 Resp: 11238

Ion Ratio Lower Upper

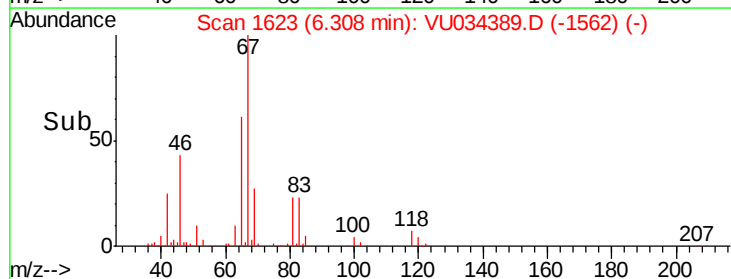
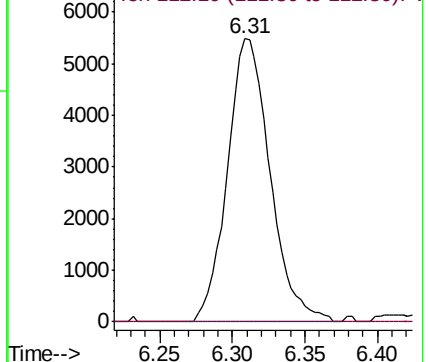
63 100

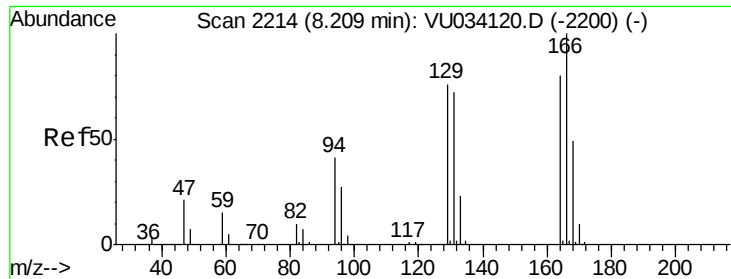
112 1.5 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

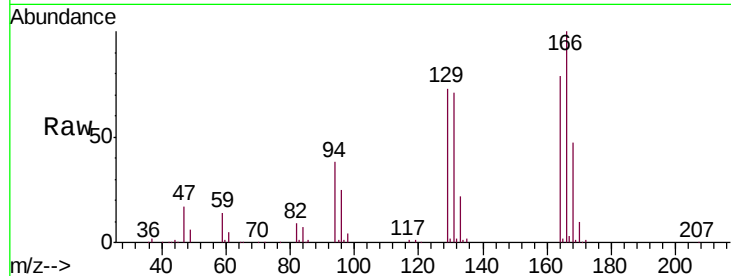




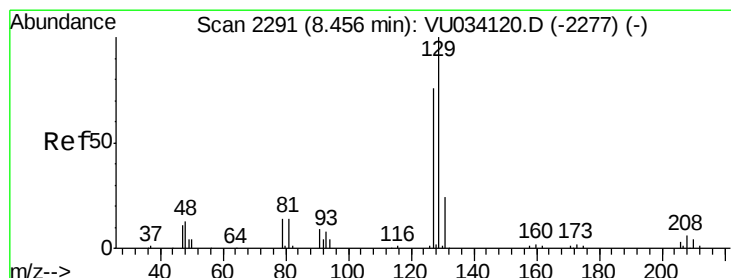
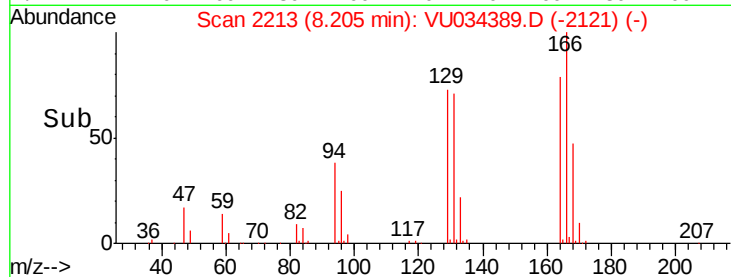
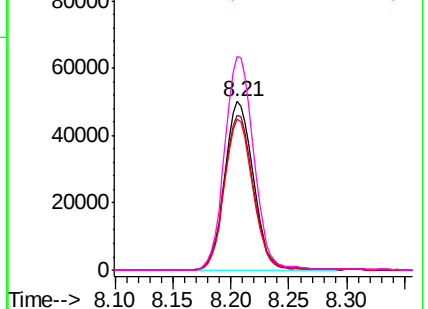
#47
Tetrachloroethene
Concen: 4.782 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034389.D
Acq: 07 Sep 2019 18:38

Instrument :
MSVOA_U
ClientSampleId :
BFDB5

Tgt Ion:164 Resp: 86477
Ion Ratio Lower Upper
164 100
129 92.3 68.0 126.2
131 89.8 64.6 120.0
166 126.8 92.0 170.8

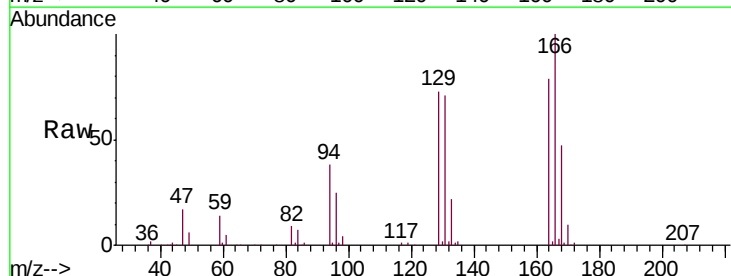


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

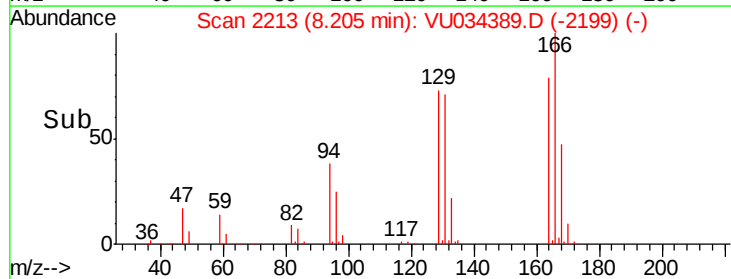
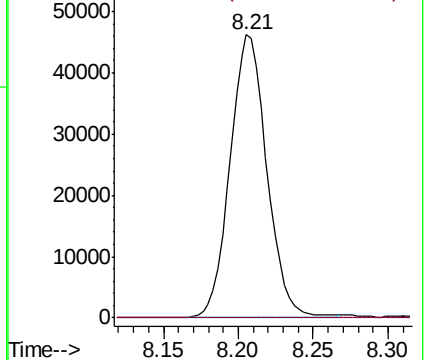


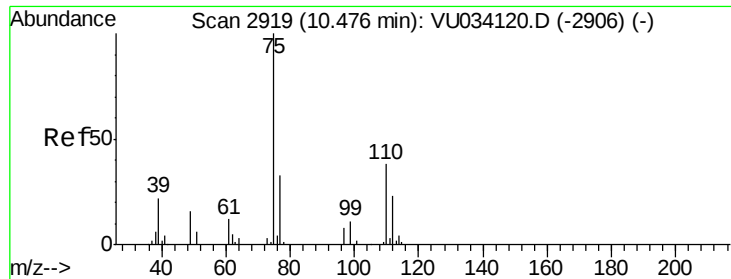
#49
Dibromochloromethane
Concen: 4.727 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034389.D
Acq: 07 Sep 2019 18:38

Tgt Ion:129 Resp: 79115
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#



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: 1.185 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034389.D

Acq: 07 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

BFDB5

Tgt Ion: 75 Resp: 14924

Ion Ratio Lower Upper

75 100

77 33.3 26.0 39.0

