

Data File : VU034386.D
Acq On : 07 Sep 2019 17:26
Operator : JC/SP
Sample : K4724-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDB2

Quant Time: Sep 08 02:35:11 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	5.86	114	295162	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	293085	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	146356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76278	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.68	69	70179	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.26	63	115924	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.17	46	215848	47.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.00%
24) Chloroform-d	4.63	84	163999	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.29	65	76373	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.32	84	346707	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.31	67	110474	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.55	98	310905	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.83	79	37790	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.30	63	166279	45.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	83342	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	128780	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

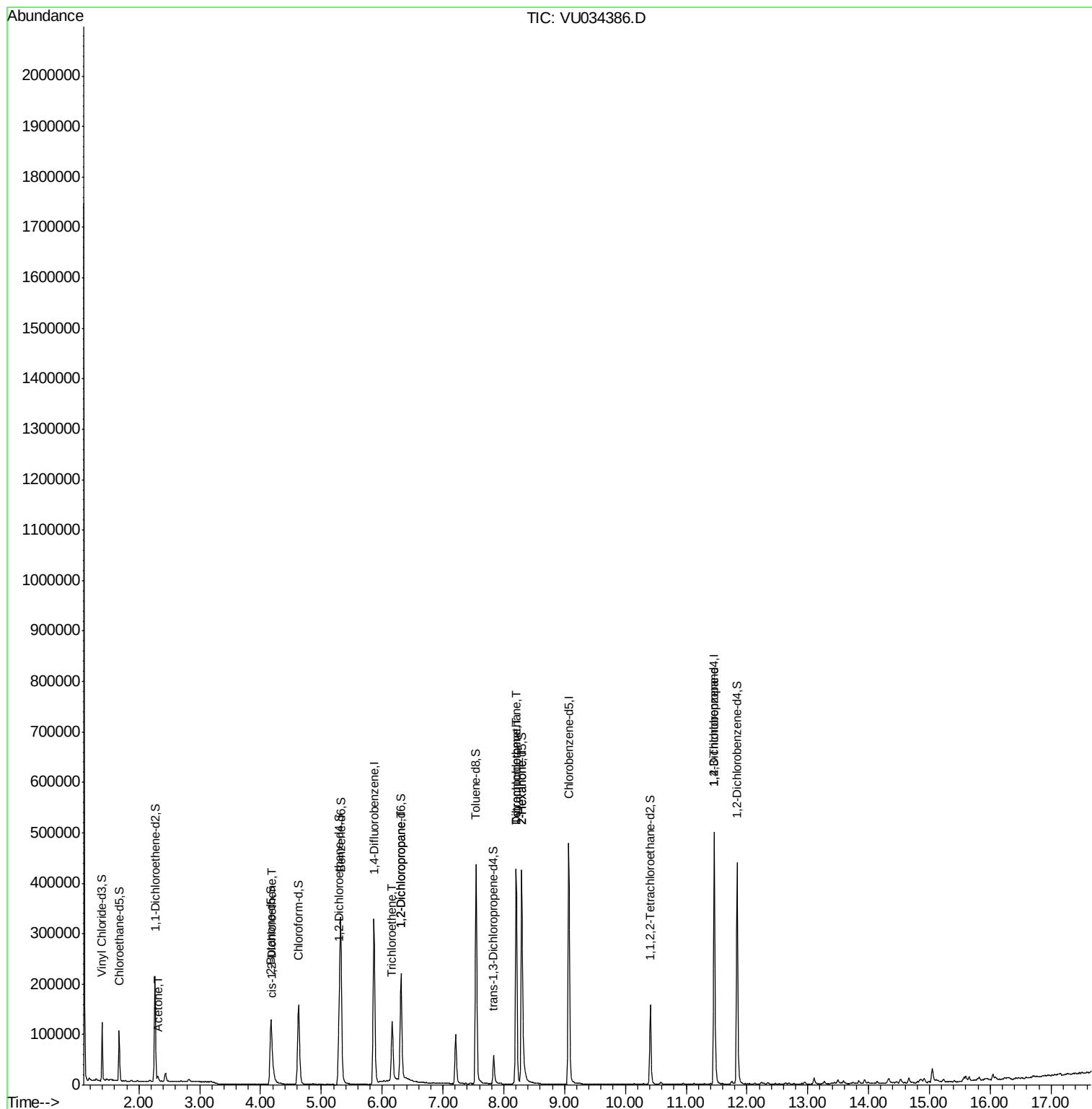
					Qvalue
13) Acetone	2.31	43	8641	2.810 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	4410	0.198 ug/L	93
34) Trichloroethene	6.17	95	41949	1.836 ug/L	96
37) 1,2-Dichloropropane	6.31	63	11071	0.485 ug/L #	88
47) Tetrachloroethene	8.21	164	107148	5.706 ug/L	95
48) 2-Hexanone	8.30	43	16832	1.907 ug/L #	68
49) Dibromochloromethane	8.21	129	94922	5.462 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	16433	1.256 ug/L	100

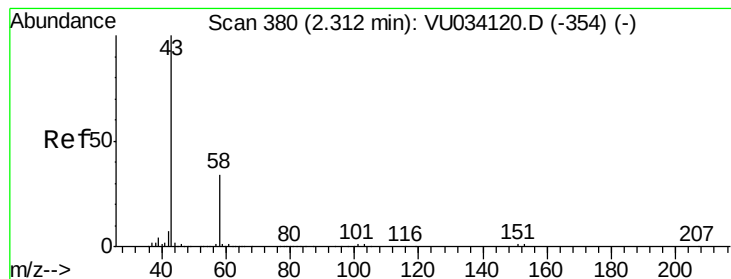
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.810 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

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Acq: 07 Sep 2019 17:26

Instrument :

MSVOA_U

ClientSampleId :

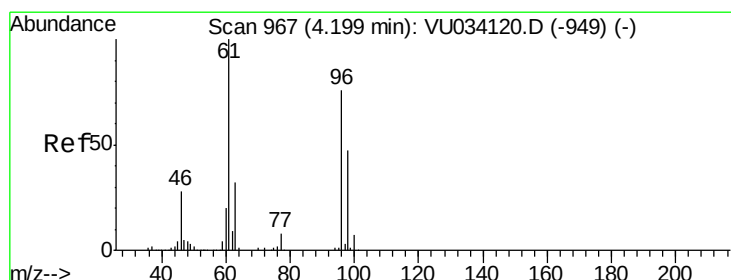
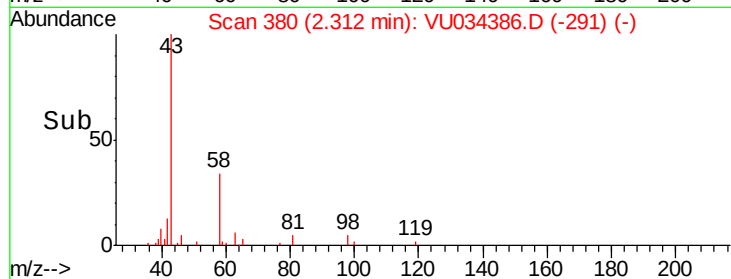
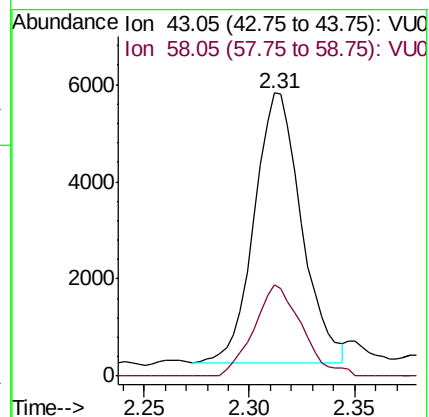
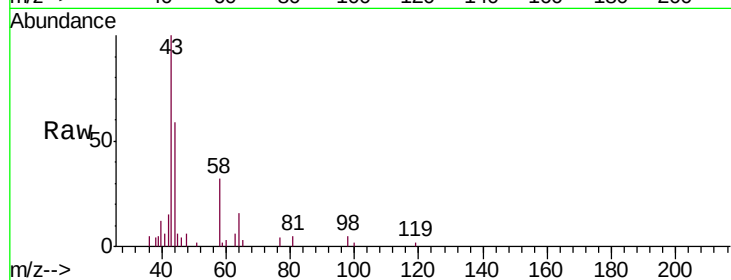
BFDB2

Tgt Ion: 43 Resp: 8641

Ion Ratio Lower Upper

43 100

58 34.5 0.0 67.6



#22

cis-1,2-Dichloroethene

Concen: 0.198 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU034386.D

Acq: 07 Sep 2019 17:26

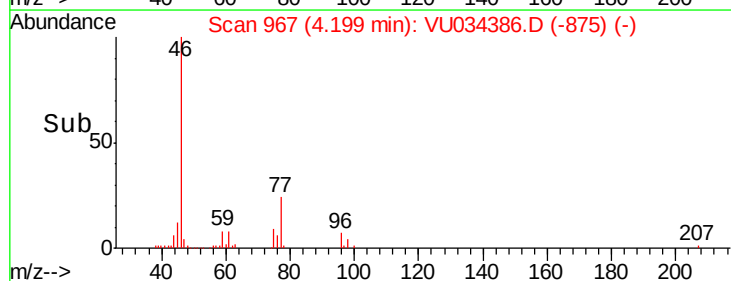
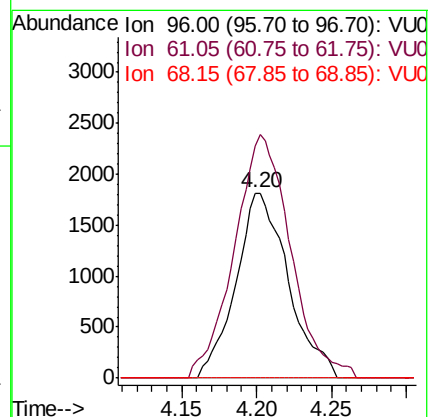
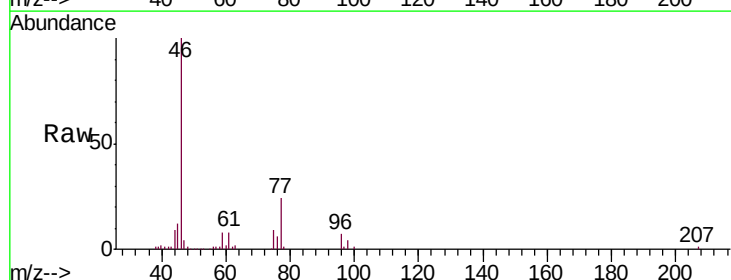
Tgt Ion: 96 Resp: 4410

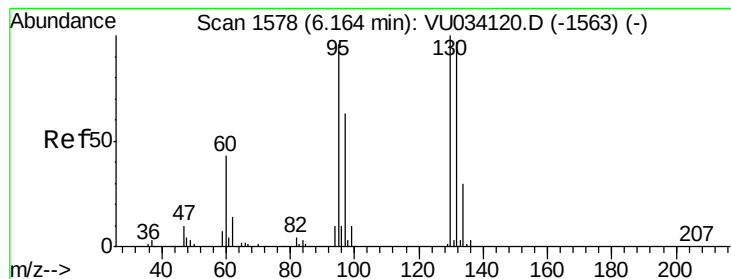
Ion Ratio Lower Upper

96 100

61 125.4 93.6 173.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.836 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034386.D

Acq: 07 Sep 2019 17:26

Instrument :

MSVOA_U

ClientSampleId :

BFDB2

Tgt Ion: 95 Resp: 41949

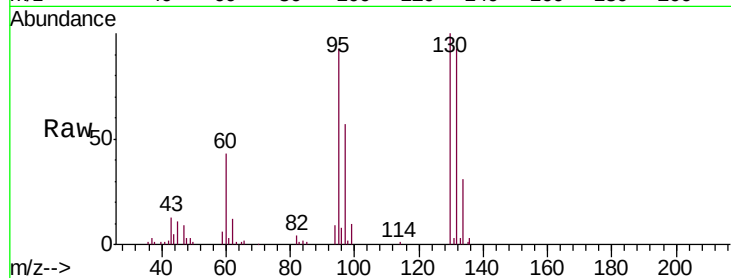
Ion Ratio Lower Upper

95 100

97 61.8 43.3 80.5

132 100.4 68.6 127.4

130 107.9 70.5 130.9

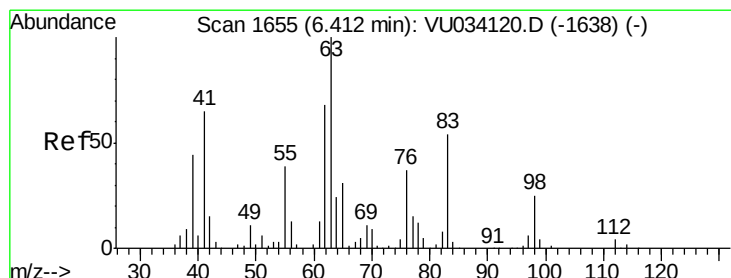
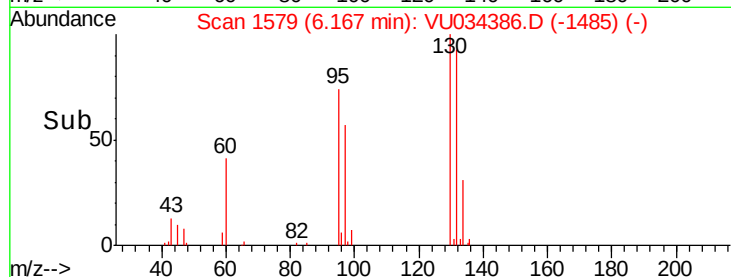
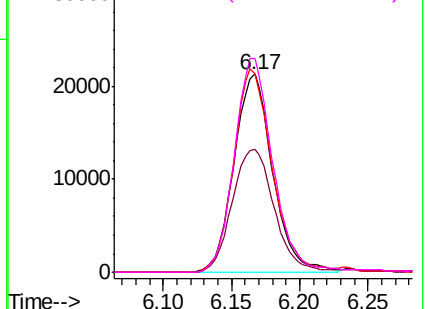


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.485 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034386.D

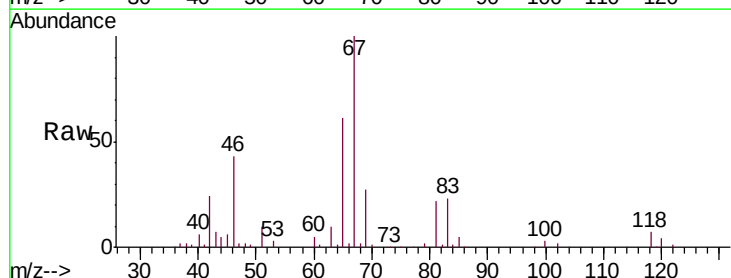
Acq: 07 Sep 2019 17:26

Tgt Ion: 63 Resp: 11071

Ion Ratio Lower Upper

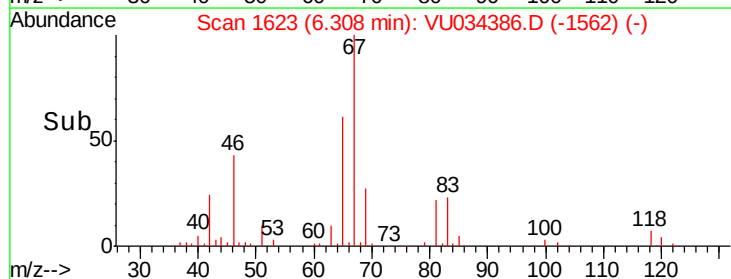
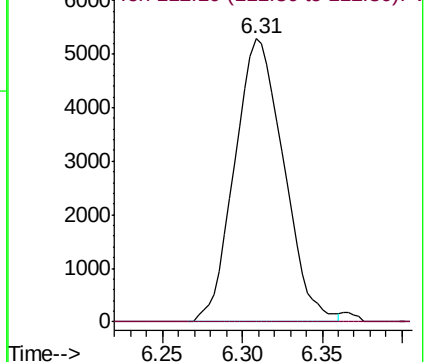
63 100

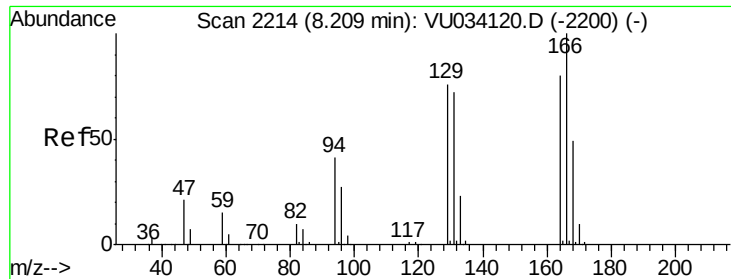
112 0.2 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 5.706 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034386.D

Acq: 07 Sep 2019 17:26

Instrument :

MSVOA_U

ClientSampleId :

BFDB2

Tgt Ion:164 Resp: 107148

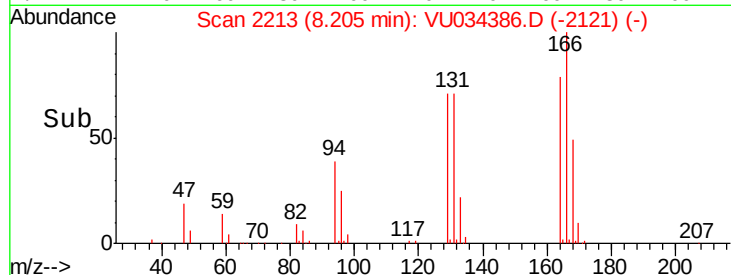
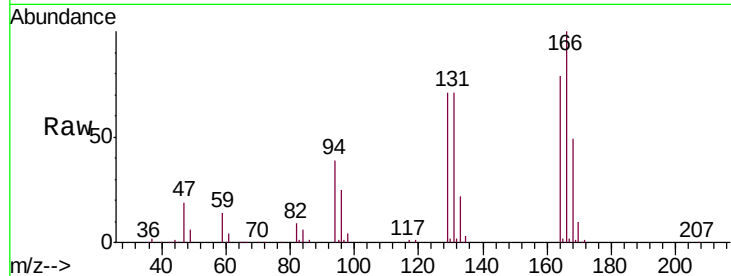
Ion Ratio Lower Upper

164 100

129 89.8 68.0 126.2

131 89.6 64.6 120.0

166 126.5 92.0 170.8

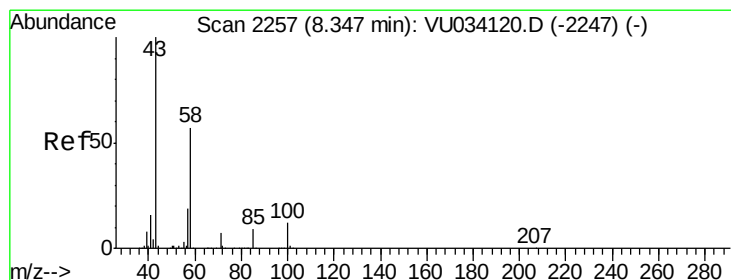
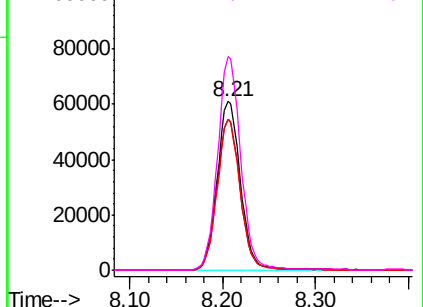


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 1.907 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU034386.D

Acq: 07 Sep 2019 17:26

Tgt Ion: 43 Resp: 16832

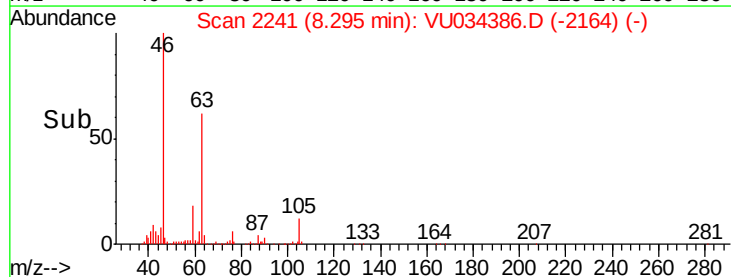
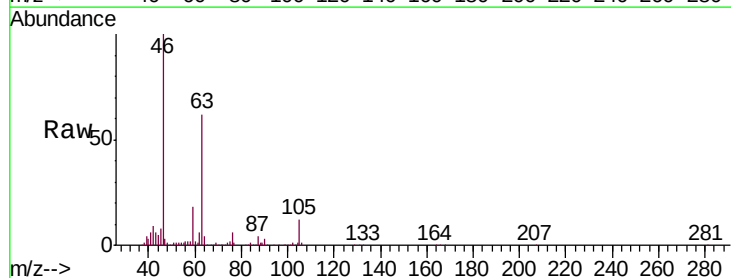
Ion Ratio Lower Upper

43 100

58 35.9 44.9 67.3#

57 41.1 15.0 22.6#

100 1.3 9.2 13.8#

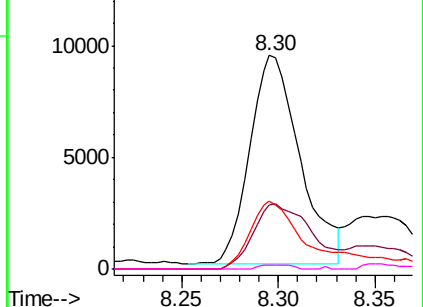


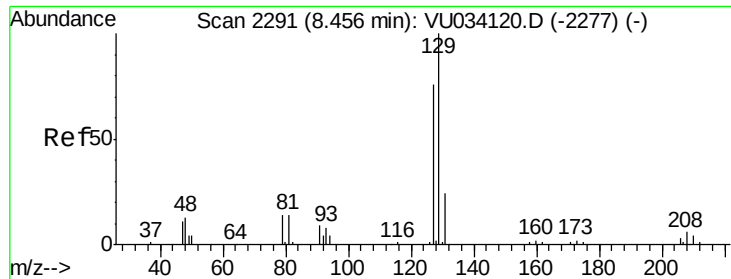
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 5.462 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034386.D

Acq: 07 Sep 2019 17:26

Instrument :

MSVOA_U

ClientSampleId :

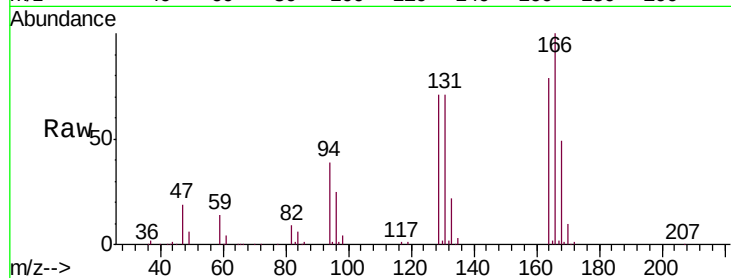
BFDB2

Tgt Ion:129 Resp: 94922

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

8.21

60000

50000

40000

30000

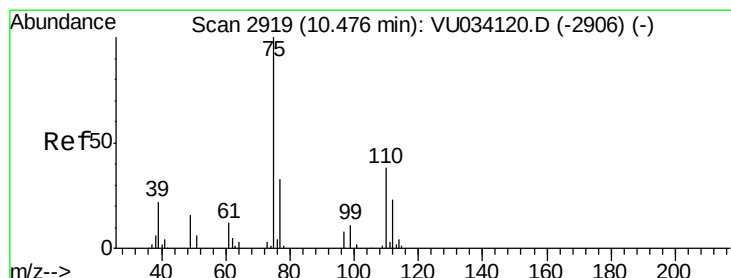
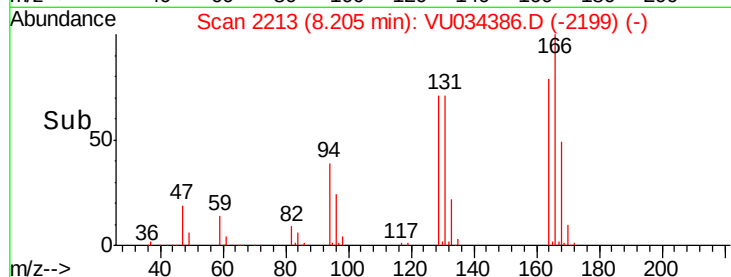
20000

10000

0

Time-->

8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 1.256 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034386.D

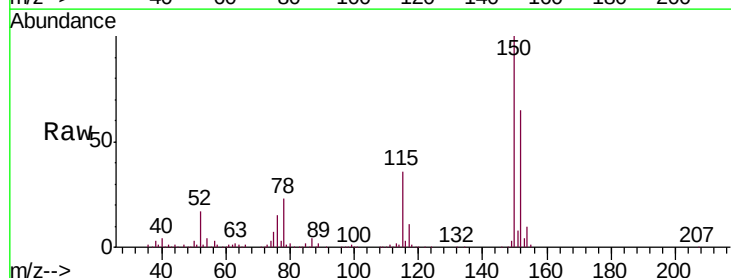
Acq: 07 Sep 2019 17:26

Tgt Ion: 75 Resp: 16433

Ion Ratio Lower Upper

75 100

77 32.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.46

10000

8000

6000

4000

2000

0

Time-->

11.40 11.45 11.50 11.55

