

Data File : VU035085.D
Acq On : 11 Oct 2019 13:10
Operator : JC/SP
Sample : K5310-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-14-001-01

Quant Time: Oct 12 01:54:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	162778	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	173285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	63924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55694	5.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.80%
7) Chloroethane-d5	1.68	69	52151	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.26	63	82154	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.17	46	144506	51.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.00%
24) Chloroform-d	4.62	84	93852	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.29	65	56486	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.32	84	200746	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.31	67	68229	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.55	98	179269	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.84	79	20071	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	104577	44.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.96%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56670	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	59077	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

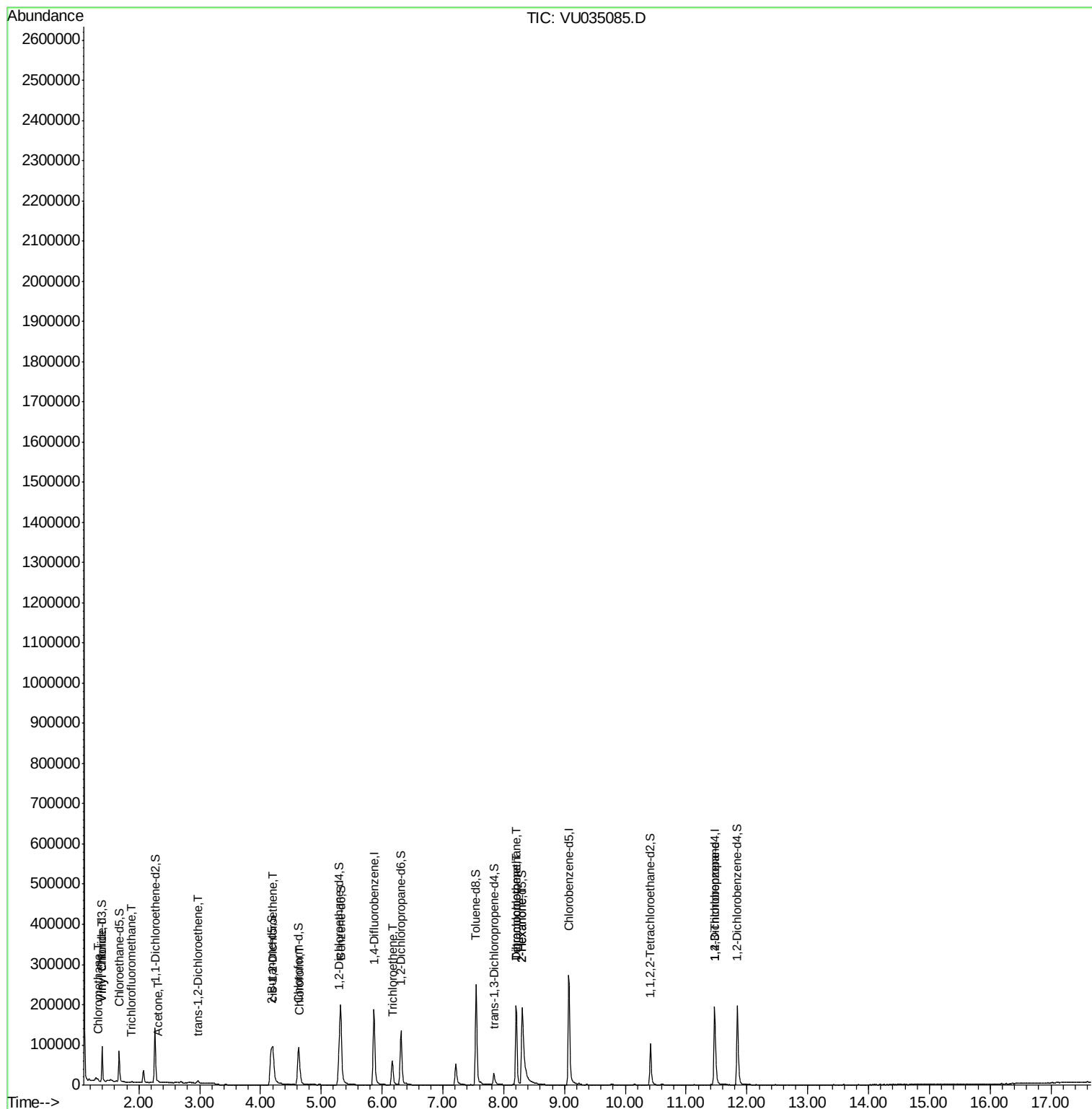
					Qvalue
3) Chloromethane	1.32	50	2386	0.146 ug/L	98
5) Vinyl chloride	1.40	62	1608	0.100 ug/L #	1
9) Trichlorofluoromethane	1.88	101	1949	0.101 ug/L	97
13) Acetone	2.31	43	3882	1.673 ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	2035	0.182 ug/L #	82
22) cis-1,2-Dichloroethene	4.20	96	38762	3.104 ug/L	93
25) Chloroform	4.65	83	13262	0.530 ug/L	99
34) Trichloroethene	6.16	95	22986	1.708 ug/L	99
47) Tetrachloroethene	8.21	164	44636	4.096 ug/L	96
48) 2-Hexanone	8.30	43	11156	1.836 ug/L #	76
49) Dibromochloromethane	8.21	129	42641	3.946 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	8744	0.959 ug/L	98

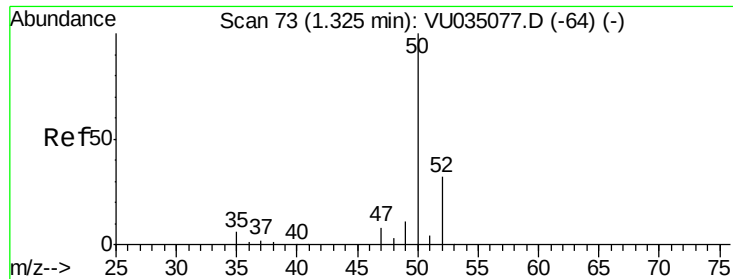
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.146 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU035085.D

Acq: 11 Oct 2019 13:10

Instrument :

MSVOA_U

ClientSampleId :

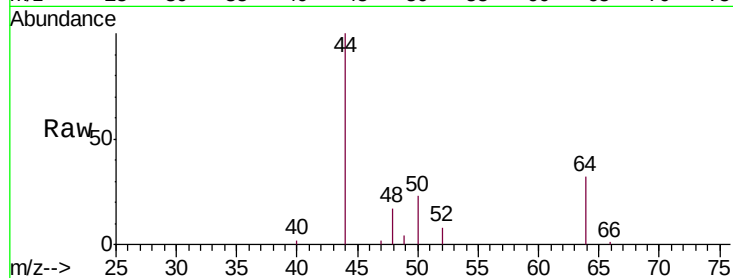
MW-14-001-01

Tgt Ion: 50 Resp: 2386

Ion Ratio Lower Upper

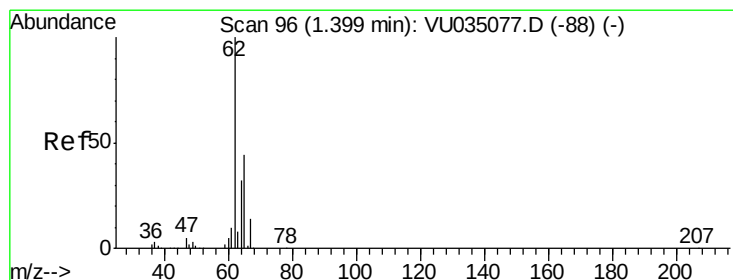
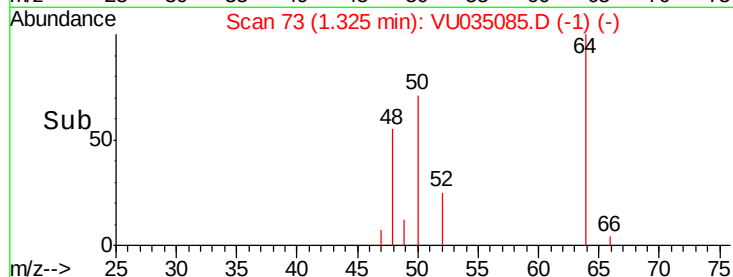
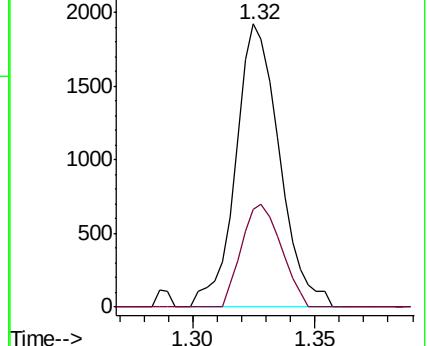
50 100

52 34.6 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035077.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035077.D (-64) (-)



#5

Vinyl chloride

Concen: 0.100 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU035085.D

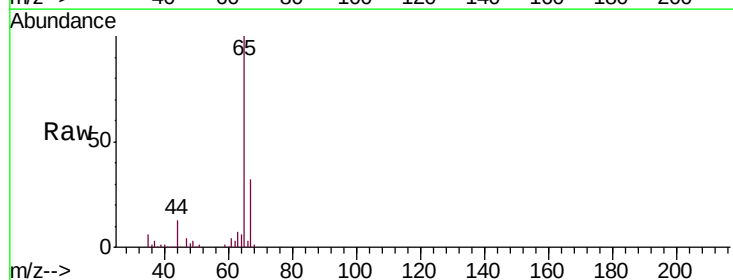
Acq: 11 Oct 2019 13:10

Tgt Ion: 62 Resp: 1608

Ion Ratio Lower Upper

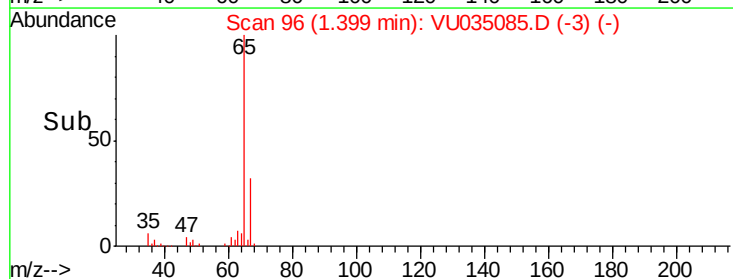
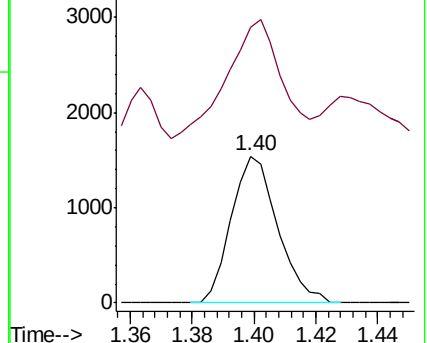
62 100

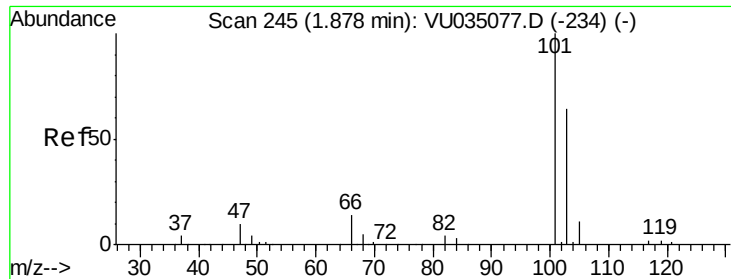
64 187.9 22.8 42.4#



Abundance Ion 62.00 (61.70 to 62.70): VU035077.D (-88) (-)

Ion 64.10 (63.80 to 64.80): VU035077.D (-88) (-)



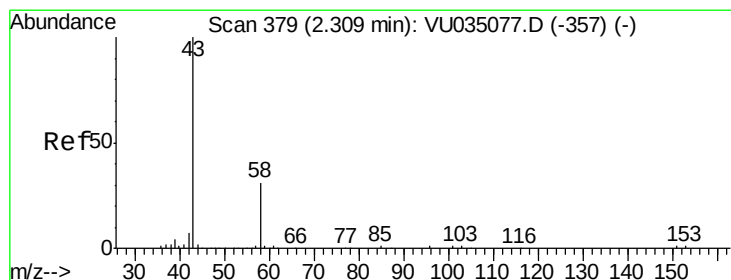
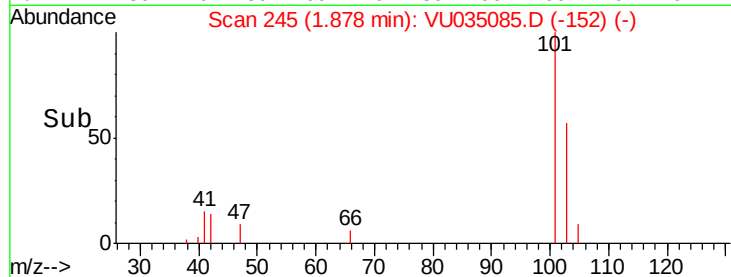
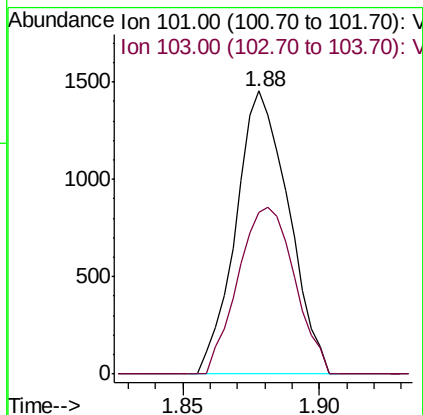
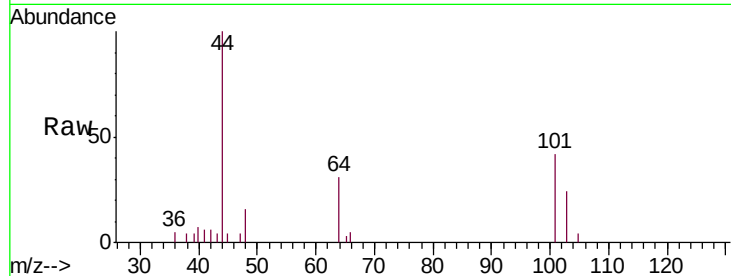


#9

Trichlorofluoromethane
 Concen: 0.101 ug/L
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU035085.D
 Acq: 11 Oct 2019 13:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-14-001-01

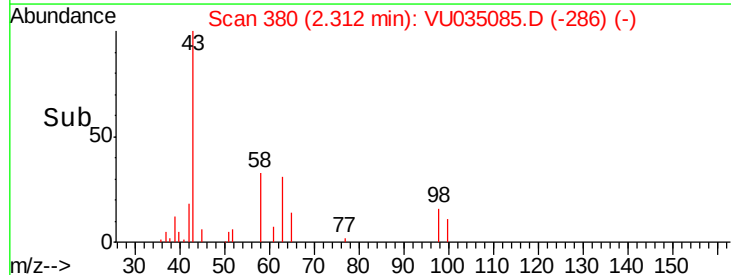
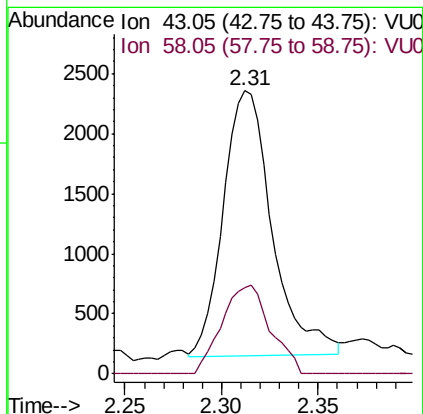
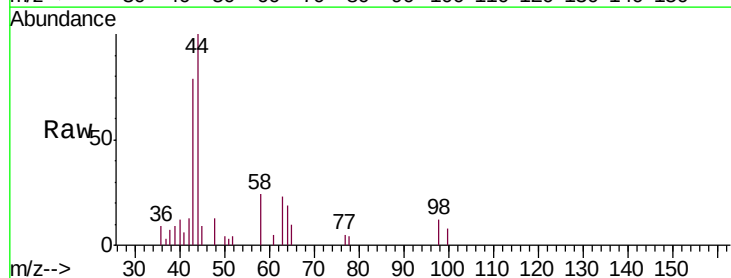
Tgt Ion: 101 Resp: 1949
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.2 78.4

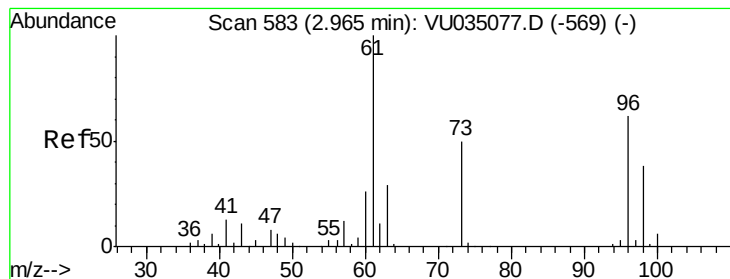


#13

Acetone
 Concen: 1.673 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VU035085.D
 Acq: 11 Oct 2019 13:10

Tgt Ion: 43 Resp: 3882
 Ion Ratio Lower Upper
 43 100
 58 33.0 0.0 66.6





#18

trans-1,2-Dichloroethene

Concen: 0.182 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU035085.D

Acq: 11 Oct 2019 13:10

Instrument :

MSVOA_U

ClientSampleId :

MW-14-001-01

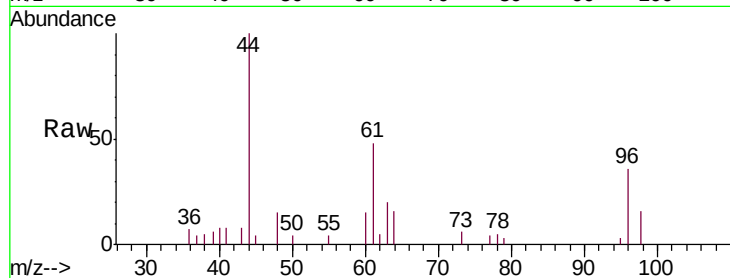
Tgt Ion: 96 Resp: 2035

Ion Ratio Lower Upper

96 100

61 133.2 107.1 198.9

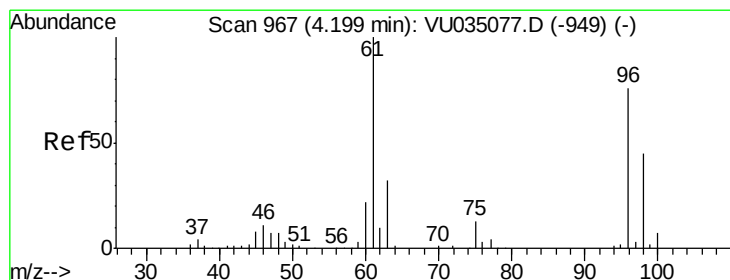
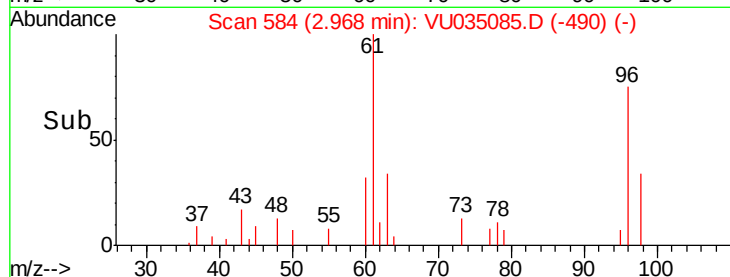
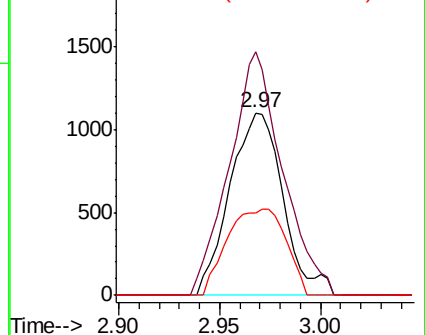
98 44.7 45.4 84.4#



Abundance Ion 96.00 (95.70 to 96.70): VU035077.D (-569) (-)

Ion 61.05 (60.75 to 61.75): VU035077.D (-569) (-)

Ion 97.95 (97.65 to 98.65): VU035077.D (-569) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.104 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035085.D

Acq: 11 Oct 2019 13:10

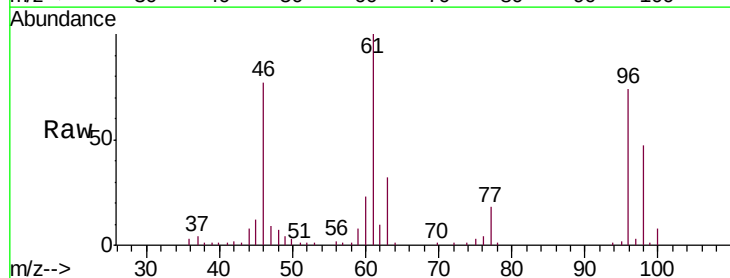
Tgt Ion: 96 Resp: 38762

Ion Ratio Lower Upper

96 100

61 135.5 89.2 165.6

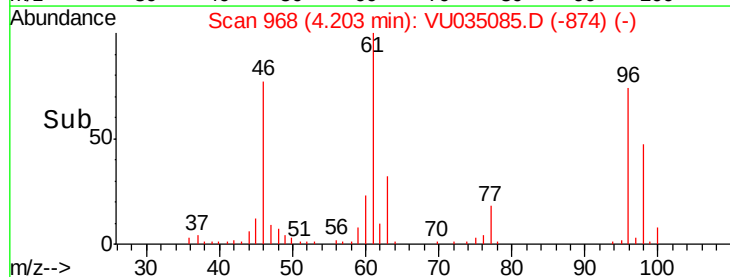
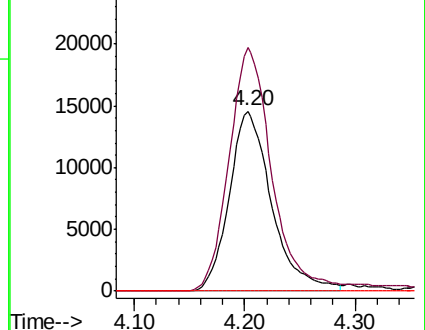
68 0.0 0.0 0.0

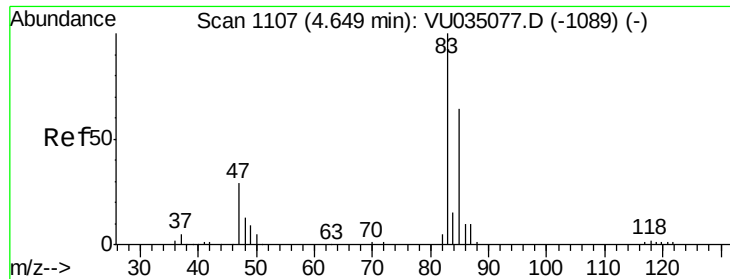


Abundance Ion 96.00 (95.70 to 96.70): VU035077.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU035077.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU035077.D (-949) (-)

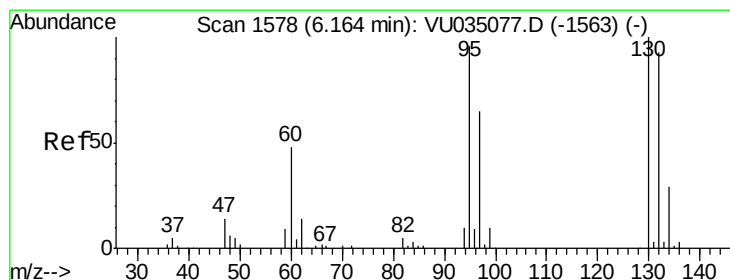
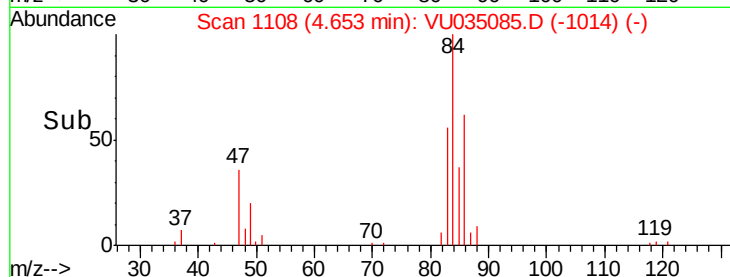
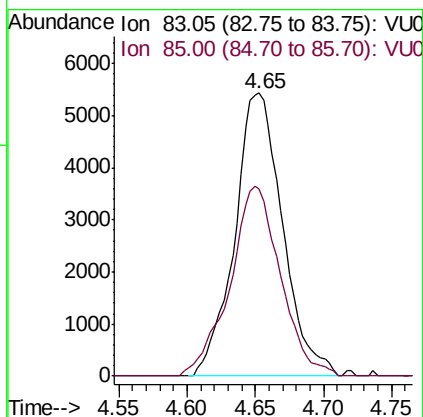
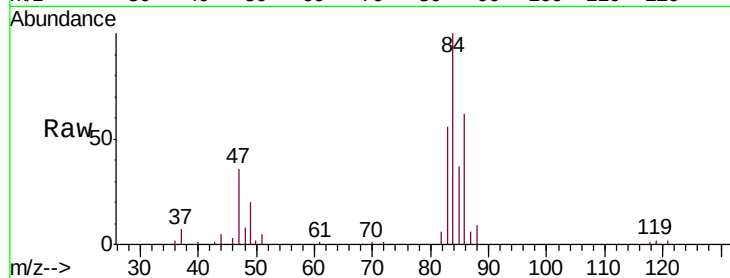




#25
Chloroform
Concen: 0.530 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035085.D
Acq: 11 Oct 2019 13:10

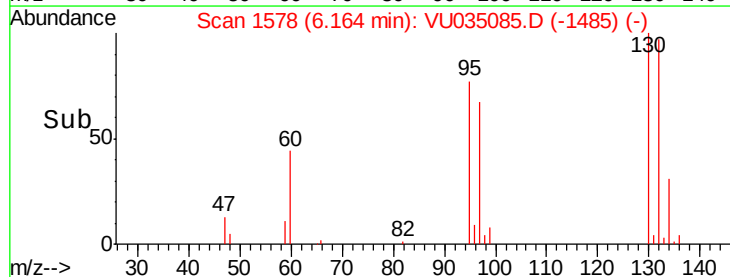
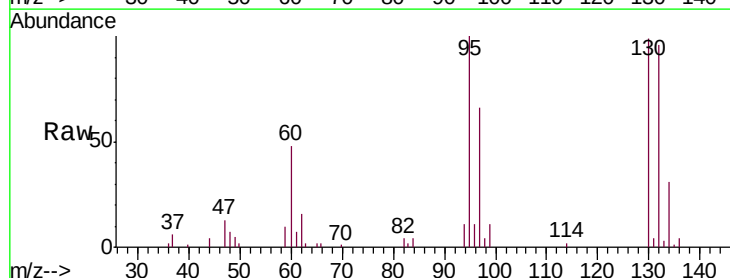
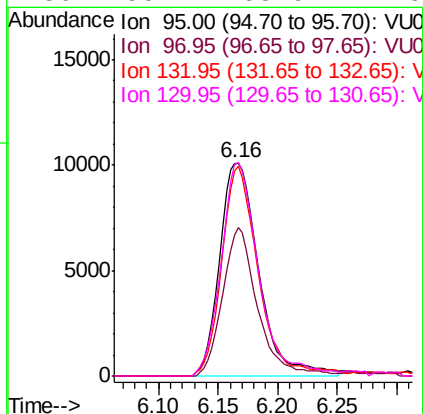
Instrument :
MSVOA_U
ClientSampleId :
MW-14-001-01

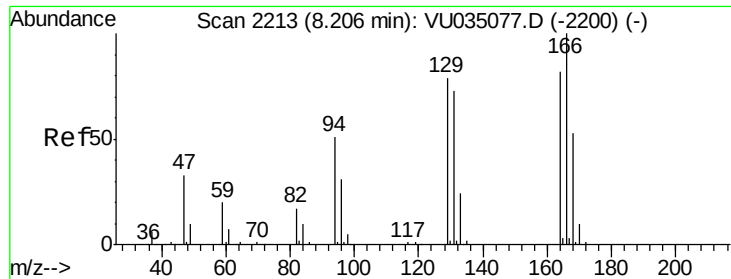
Tgt Ion: 83 Resp: 13262
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.4



#34
Trichloroethene
Concen: 1.708 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU035085.D
Acq: 11 Oct 2019 13:10

Tgt Ion: 95 Resp: 22986
Ion Ratio Lower Upper
95 100
97 66.1 44.5 82.7
132 96.0 66.6 123.8
130 99.4 68.9 127.9





#47

Tetrachloroethene

Concen: 4.096 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035085.D

Acq: 11 Oct 2019 13:10

Instrument :

MSVOA_U

ClientSampleId :

MW-14-001-01

Tgt Ion:164 Resp: 44636

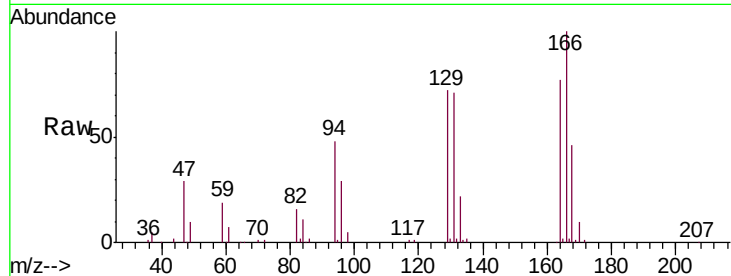
Ion Ratio Lower Upper

164 100

129 93.4 68.5 127.1

131 91.6 67.3 124.9

166 129.2 93.1 172.9

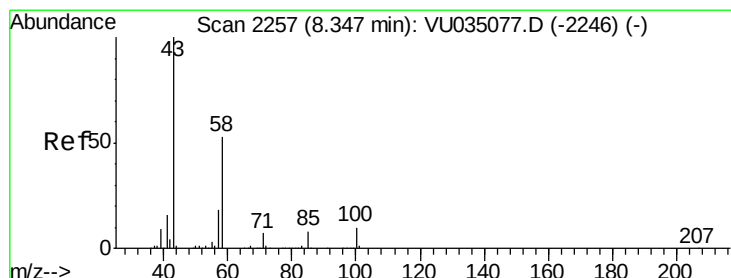
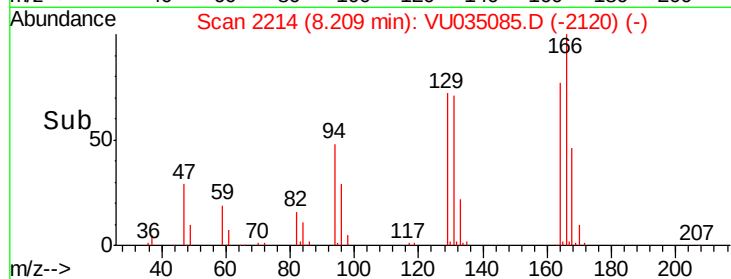
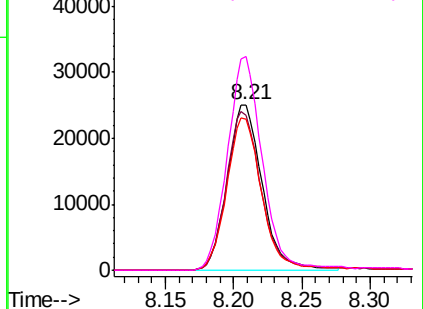


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.836 ug/L

RT: 8.30 min Scan# 2243

Delta R.T. -0.04 min

Lab File: VU035085.D

Acq: 11 Oct 2019 13:10

Tgt Ion: 43 Resp: 11156

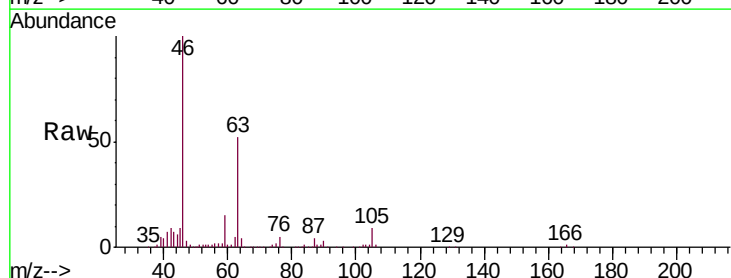
Ion Ratio Lower Upper

43 100

58 34.0 44.1 66.1#

57 22.5 15.8 23.8

100 0.6 9.4 14.2#

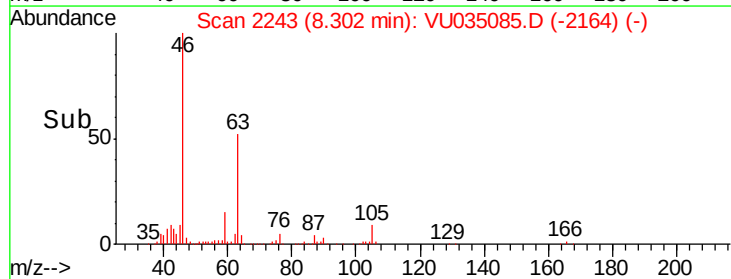
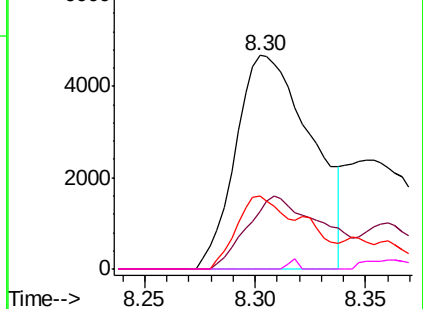


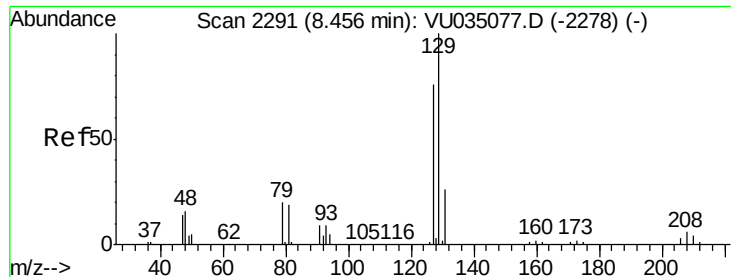
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 3.946 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU035085.D

Acq: 11 Oct 2019 13:10

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ClientSampleId :

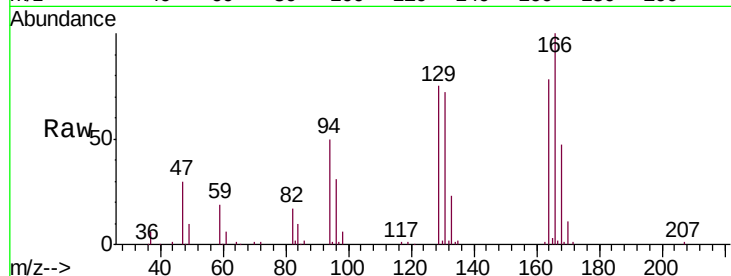
MW-14-001-01

Tgt Ion: 129 Resp: 42641

Ion Ratio Lower Upper

129 100

127 0.0 51.9 96.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.21

25000

20000

15000

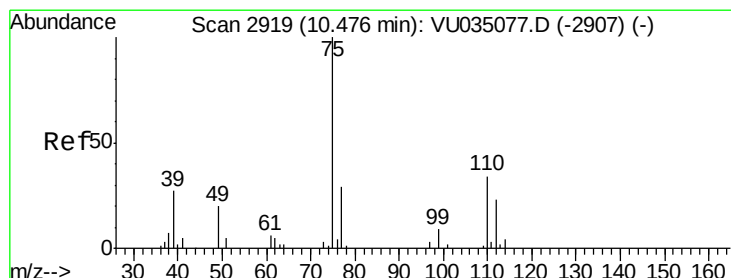
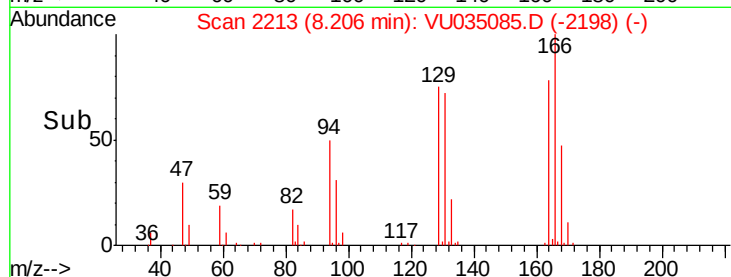
10000

5000

0

8.15 8.20 8.25 8.30

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.959 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 1.00 min

Lab File: VU035085.D

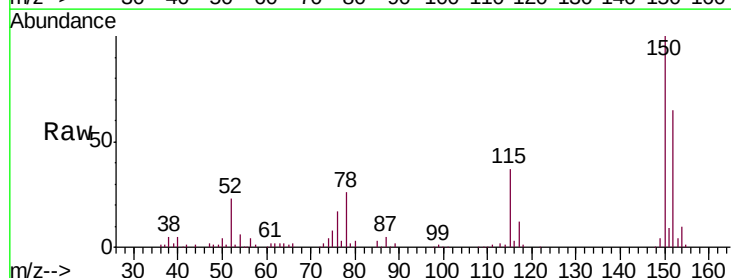
Acq: 11 Oct 2019 13:10

Tgt Ion: 75 Resp: 8744

Ion Ratio Lower Upper

75 100

77 34.3 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.47

4000

3000

2000

1000

0

11.40 11.45 11.50 11.55

Time-->

