

Data File : VU035110.D
Acq On : 11 Oct 2019 23:37
Operator : JC/SP
Sample : K5310-21 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-3-001-01

Quant Time: Oct 12 02:49:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	173540	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	179520	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54309	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.68	69	52792	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.26	63	81605	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.17	46	149575	49.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	4.62	84	95861	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.29	65	57861	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.32	84	201089	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.31	67	71153	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.55	98	173671	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.84	79	21802	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.30	63	109352	45.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58352	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	58616	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

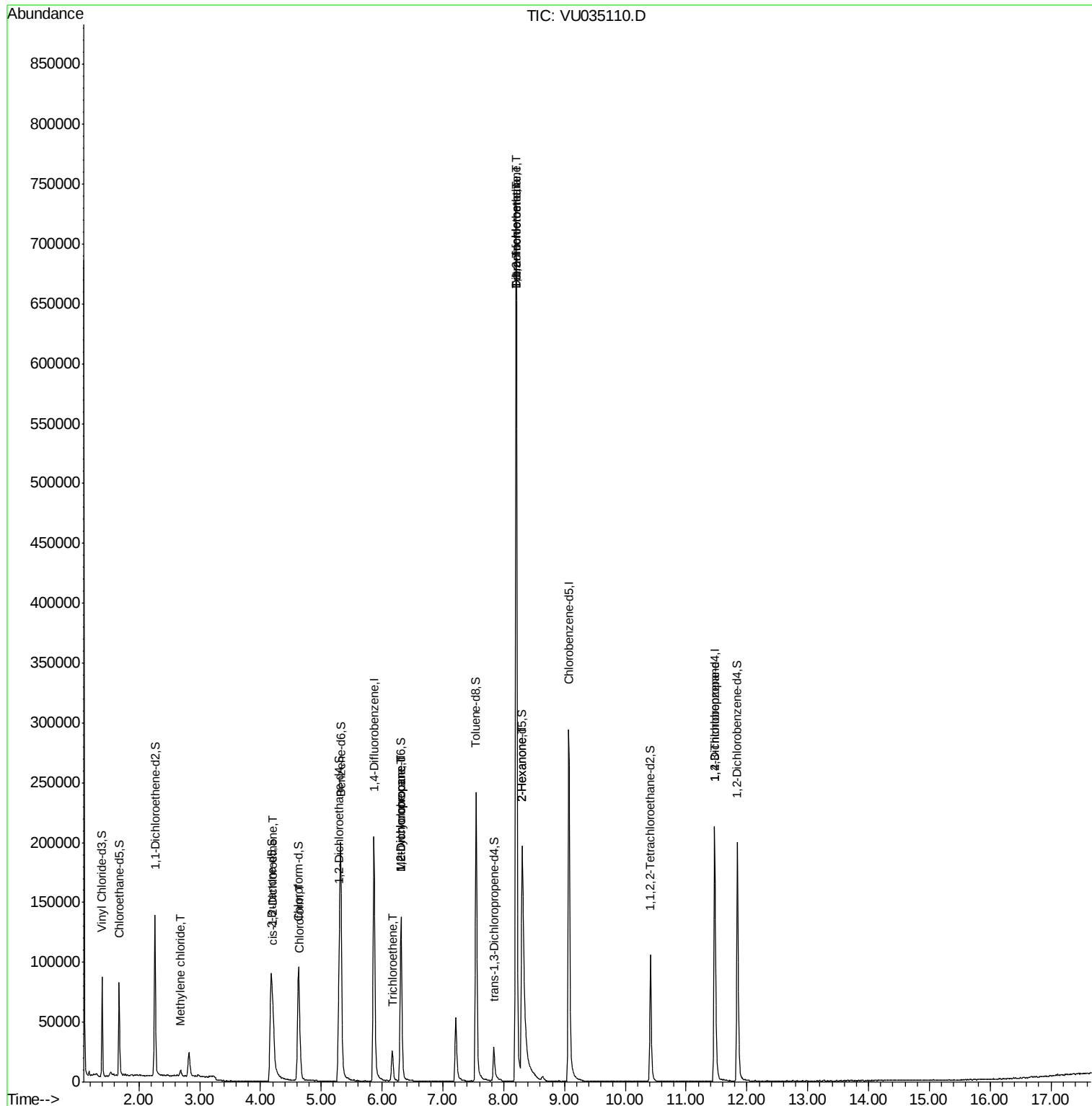
					Qvalue
16) Methylene chloride	2.69	84	1977	0.143 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	20323	1.526 ug/L	95
25) Chloroform	4.65	83	12998	0.488 ug/L	98
34) Trichloroethene	6.17	95	9498	0.681 ug/L	96
35) Methylcyclohexane	6.31	83	15478	0.685 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7873	0.540 ug/L #	88
45) 1,1,2-Trichloroethane	8.21	97	1362	0.141 ug/L #	1
47) Tetrachloroethene	8.21	164	164666	14.587 ug/L	97
48) 2-Hexanone	8.31	43	18707	2.972 ug/L #	62
49) Dibromochloromethane	8.21	129	157328	14.054 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	8452	0.895 ug/L	94

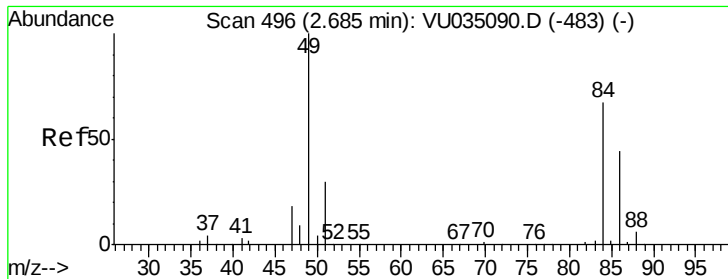
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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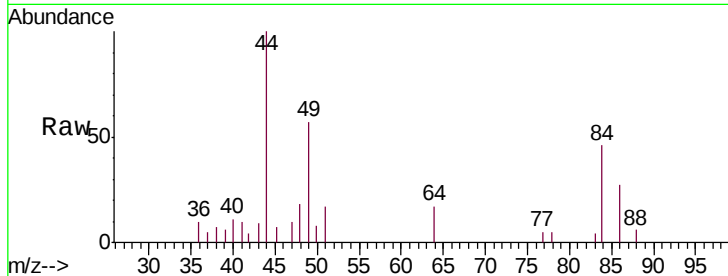




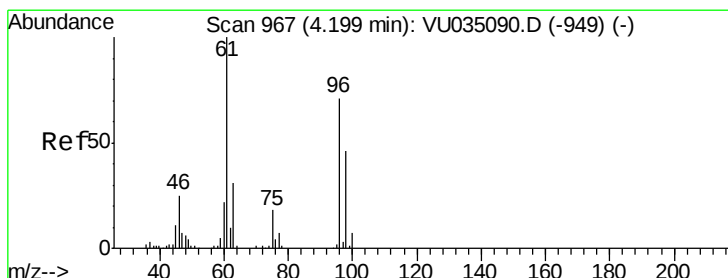
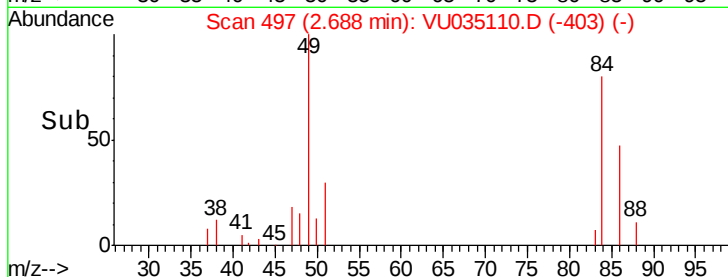
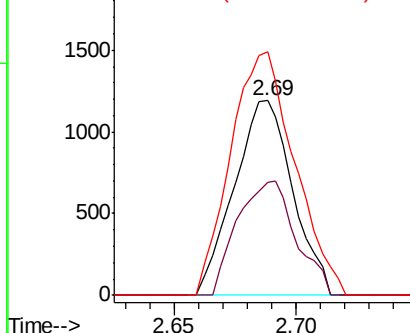
#16
Methylene chloride
Concen: 0.143 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035110.D
Acq: 11 Oct 2019 23:37

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-3-001-01

Tgt Ion: 84 Resp: 1977
Ion Ratio Lower Upper
84 100
86 58.2 42.5 78.9
49 125.0 86.9 161.3

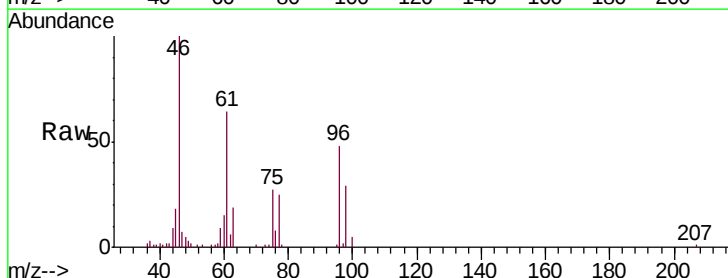


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

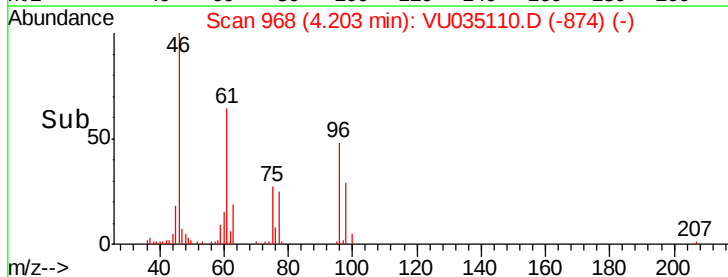
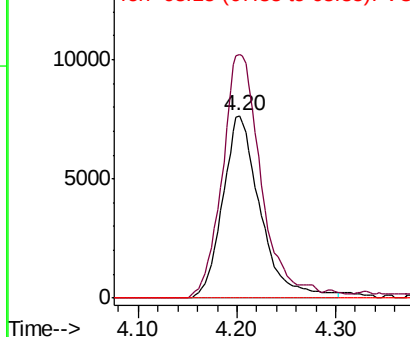


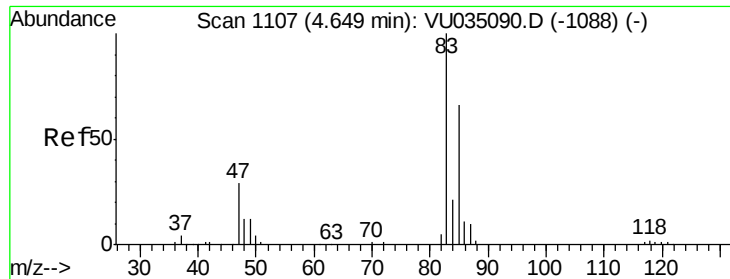
#22
cis-1,2-Dichloroethene
Concen: 1.526 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035110.D
Acq: 11 Oct 2019 23:37

Tgt Ion: 96 Resp: 20323
Ion Ratio Lower Upper
96 100
61 133.2 89.2 165.6
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

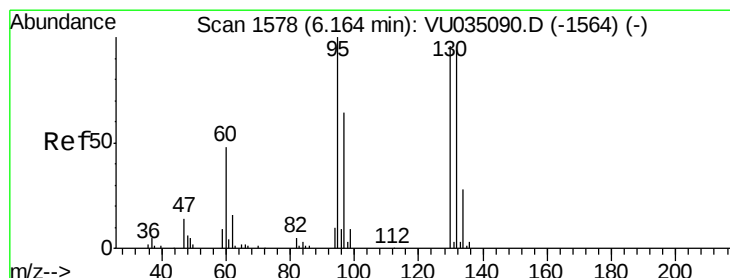
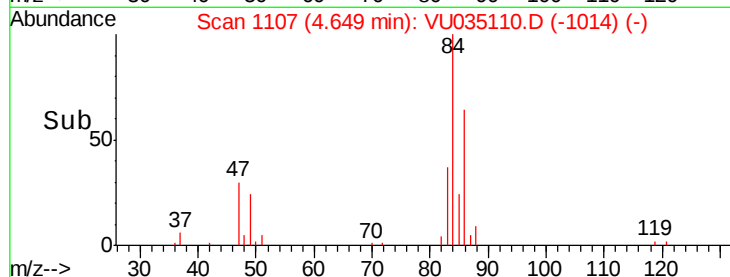
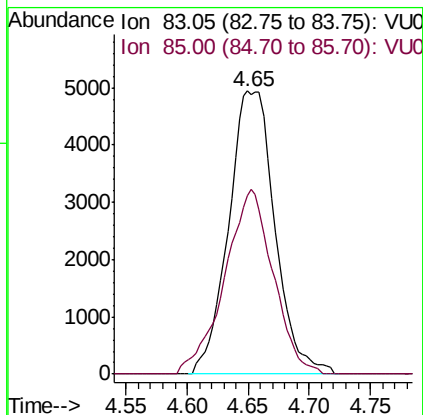
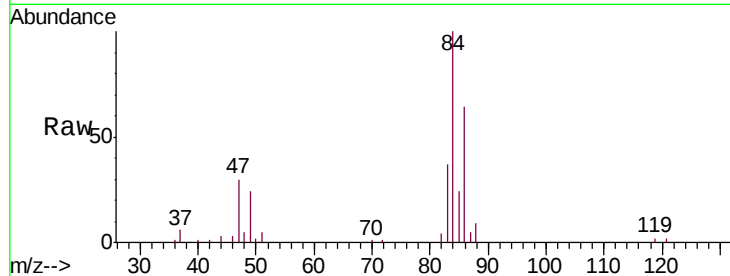




#25
Chloroform
Concen: 0.488 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU035110.D
Acq: 11 Oct 2019 23:37

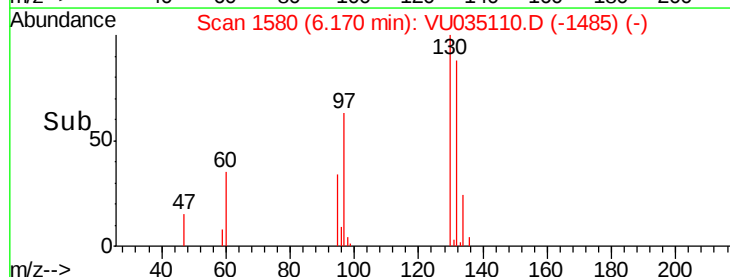
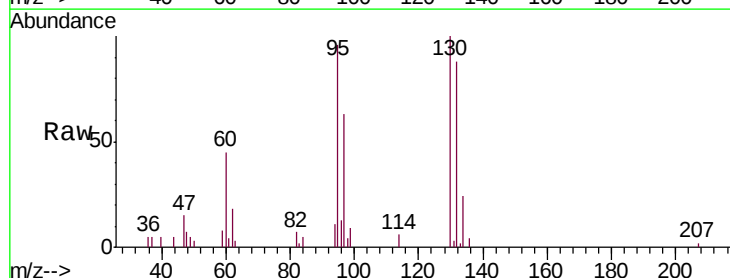
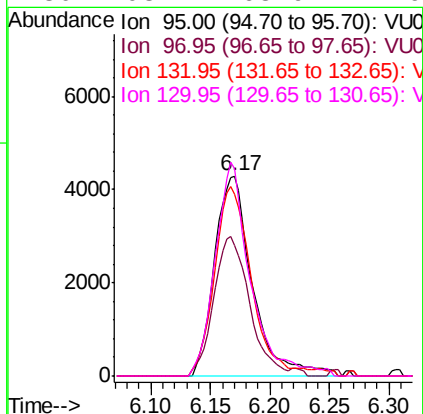
Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-3-001-01

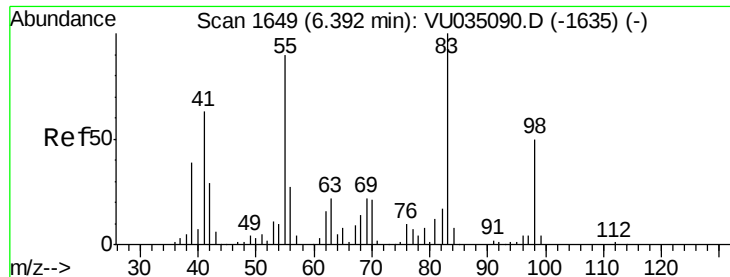
Tgt Ion: 83 Resp: 12998
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4



#34
Trichloroethene
Concen: 0.681 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU035110.D
Acq: 11 Oct 2019 23:37

Tgt Ion: 95 Resp: 9498
Ion Ratio Lower Upper
95 100
97 65.5 44.5 82.7
132 91.2 66.6 123.8
130 103.7 68.9 127.9





#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU035110.D

Acq: 11 Oct 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-3-001-01

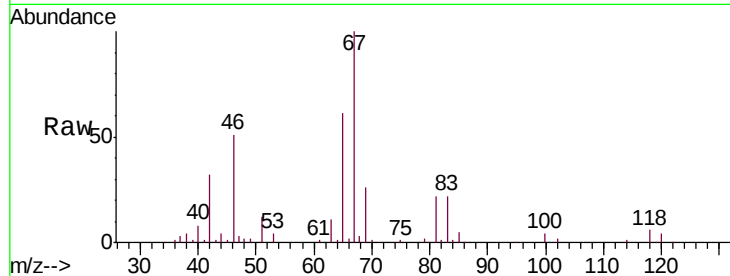
Tgt Ion: 83 Resp: 15478

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

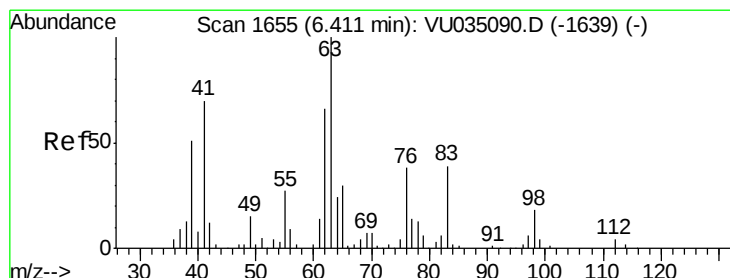
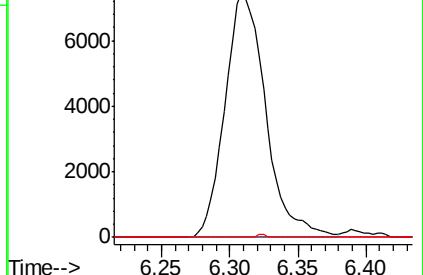
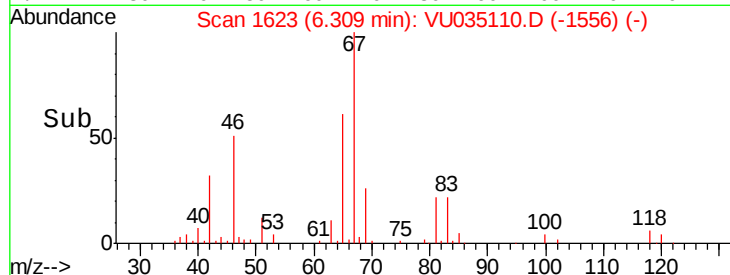
98 0.3 36.2 54.2#



Abundance Ion 83.15 (82.85 to 83.85): VU035110.D (-1556) (-)

Ion 55.10 (54.80 to 55.80): VU035110.D (-1556) (-)

Ion 98.15 (97.85 to 98.85): VU035110.D (-1556) (-)



#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU035110.D

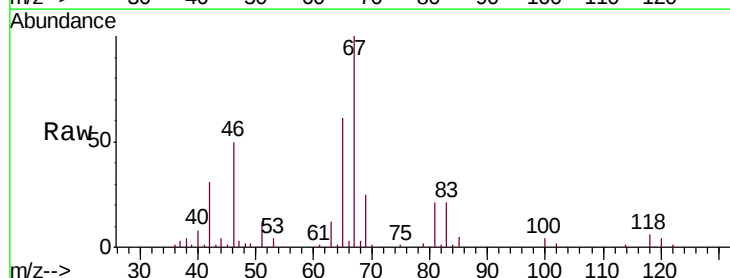
Acq: 11 Oct 2019 23:37

Tgt Ion: 63 Resp: 7873

Ion Ratio Lower Upper

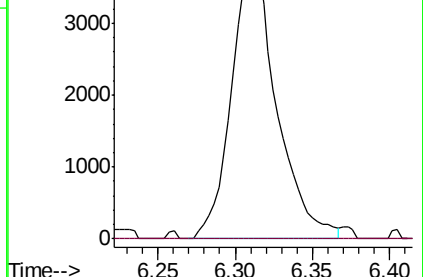
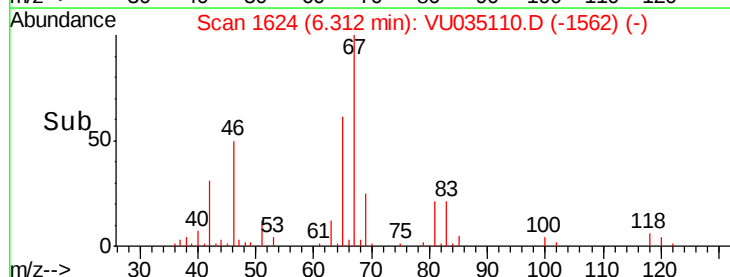
63 100

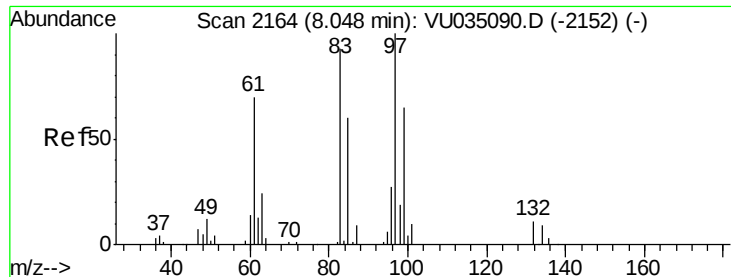
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU035110.D (-1562) (-)

Ion 112.10 (111.80 to 112.80): VU035110.D (-1562) (-)





#45

1,1,2-Trichloroethane

Concen: 0.141 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.16 min

Lab File: VU035110.D

Acq: 11 Oct 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-3-001-01

Tgt Ion: 97 Resp: 1362

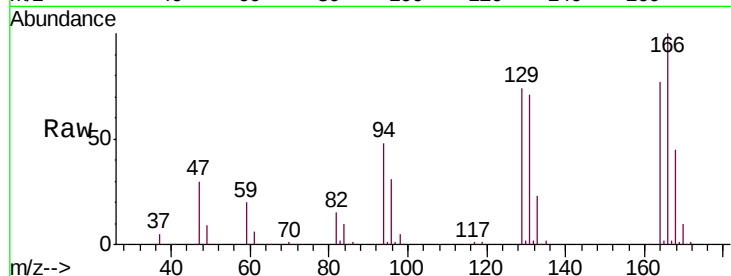
Ion Ratio Lower Upper

97 100

99 15.2 42.3 78.5#

83 291.2 58.0 107.6#

85 42.9 37.8 70.2

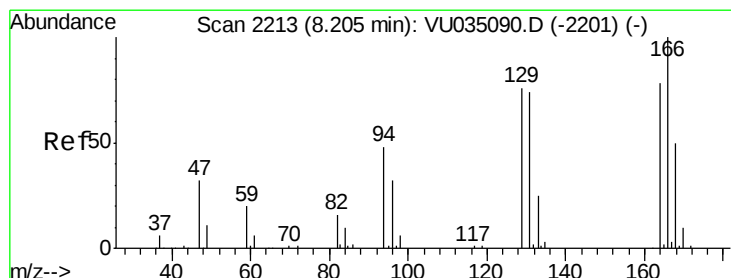
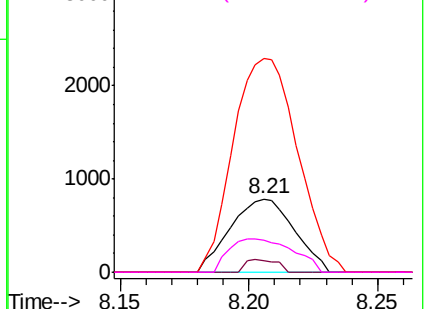
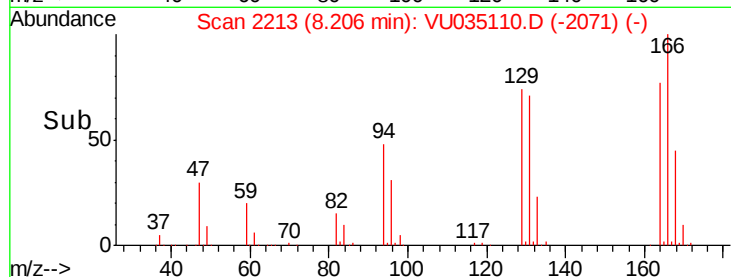


Abundance Ion 96.95 (96.65 to 97.65): VU035110.D (-2071) (-)

Ion 99.05 (98.75 to 99.75): VU035110.D (-2071) (-)

Ion 82.95 (82.65 to 83.65): VU035110.D (-2071) (-)

Ion 85.00 (84.70 to 85.70): VU035110.D (-2071) (-)



#47

Tetrachloroethene

Concen: 14.587 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035110.D

Acq: 11 Oct 2019 23:37

Tgt Ion:164 Resp: 164666

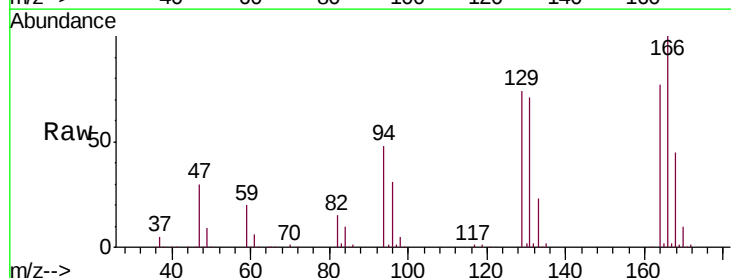
Ion Ratio Lower Upper

164 100

129 95.8 68.5 127.1

131 92.2 67.3 124.9

166 130.3 93.1 172.9

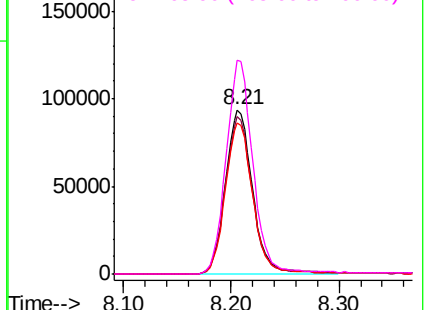
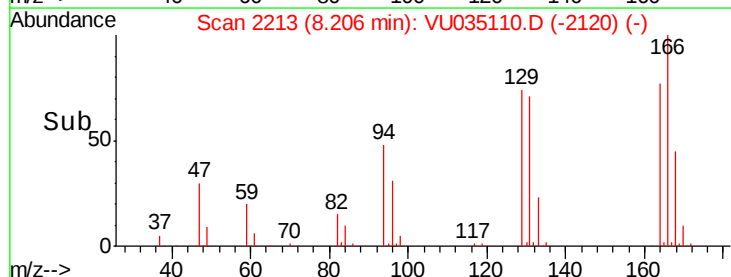


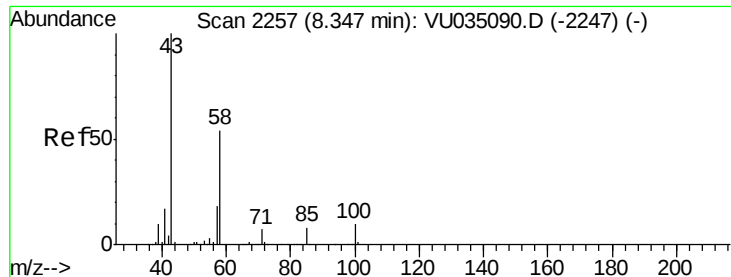
Abundance Ion 163.90 (163.60 to 164.60): VU035110.D (-2120) (-)

Ion 128.95 (128.65 to 129.65): VU035110.D (-2120) (-)

Ion 130.95 (130.65 to 131.65): VU035110.D (-2120) (-)

Ion 165.90 (165.60 to 166.60): VU035110.D (-2120) (-)

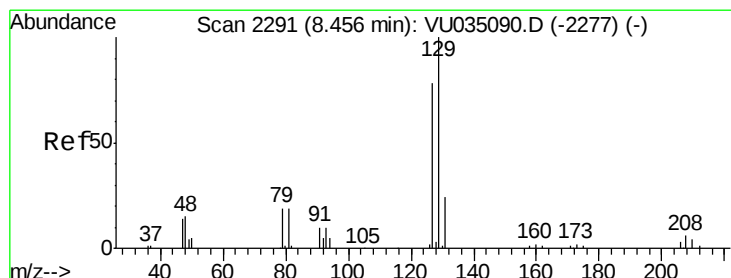
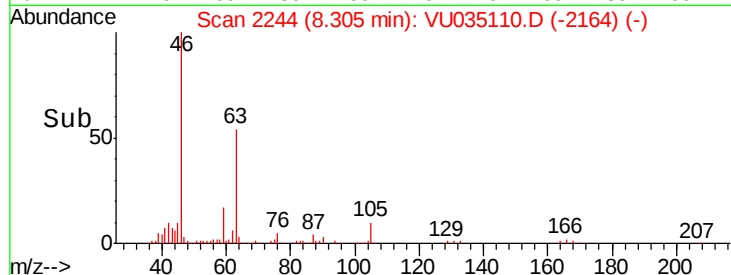
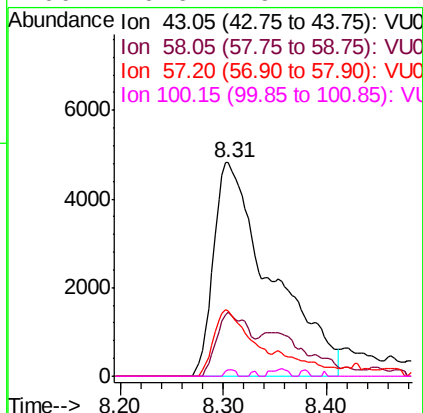
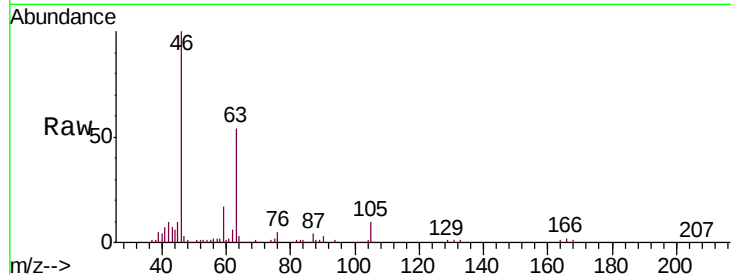




#48
2-Hexanone
Concen: 2.972 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU035110.D
Acq: 11 Oct 2019 23:37

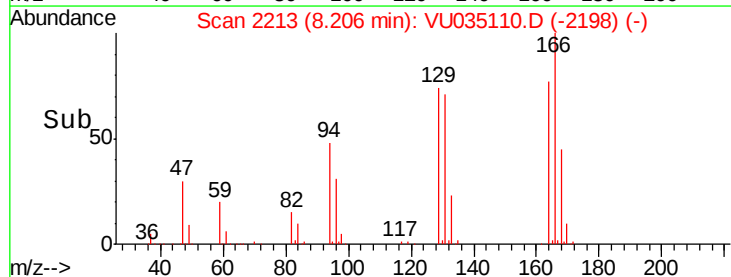
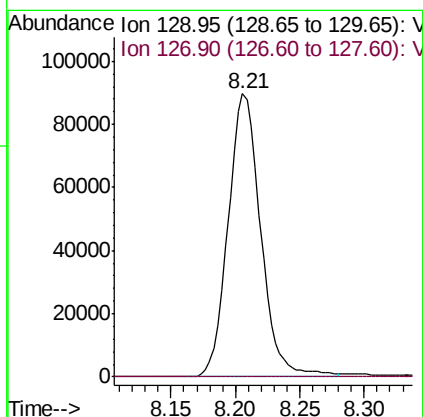
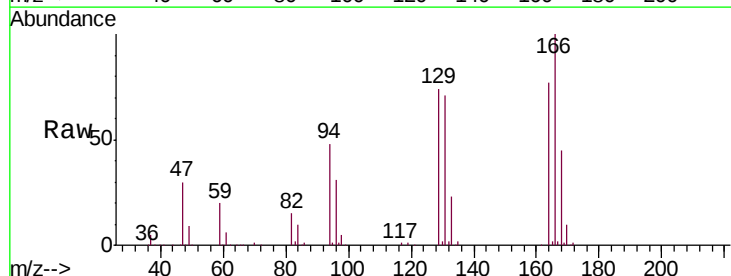
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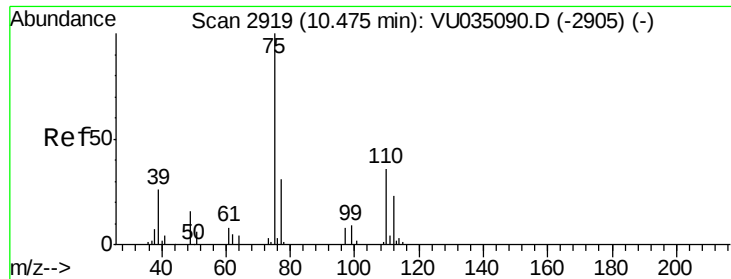
Tgt Ion: 43 Resp: 18707
Ion Ratio Lower Upper
43 100
58 16.5 44.1 66.1#
57 20.1 15.8 23.8
100 0.6 9.4 14.2#



#49
Dibromochloromethane
Concen: 14.054 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035110.D
Acq: 11 Oct 2019 23:37

Tgt Ion: 129 Resp: 157328
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59

1,2,3-Trichloropropane

Concen: 0.895 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035110.D

Acq: 11 Oct 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-3-001-01

Tgt Ion: 75 Resp: 8452

Ion Ratio Lower Upper

75 100

77 36.3 26.5 39.7

