

Data File : VU035157.D
Acq On : 14 Oct 2019 18:10
Operator : JC/SP
Sample : K5310-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-6D-001-01

Quant Time: Oct 15 07:57:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	155738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	58879	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43424	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.68	69	43196	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.26	63	64810	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.17	46	134805	49.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	4.63	84	82099	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.29	65	50665	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.32	84	165514	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.31	67	60247	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.55	98	139166	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	7.84	79	17365	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.31	63	97506	44.42	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52717	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	49136	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

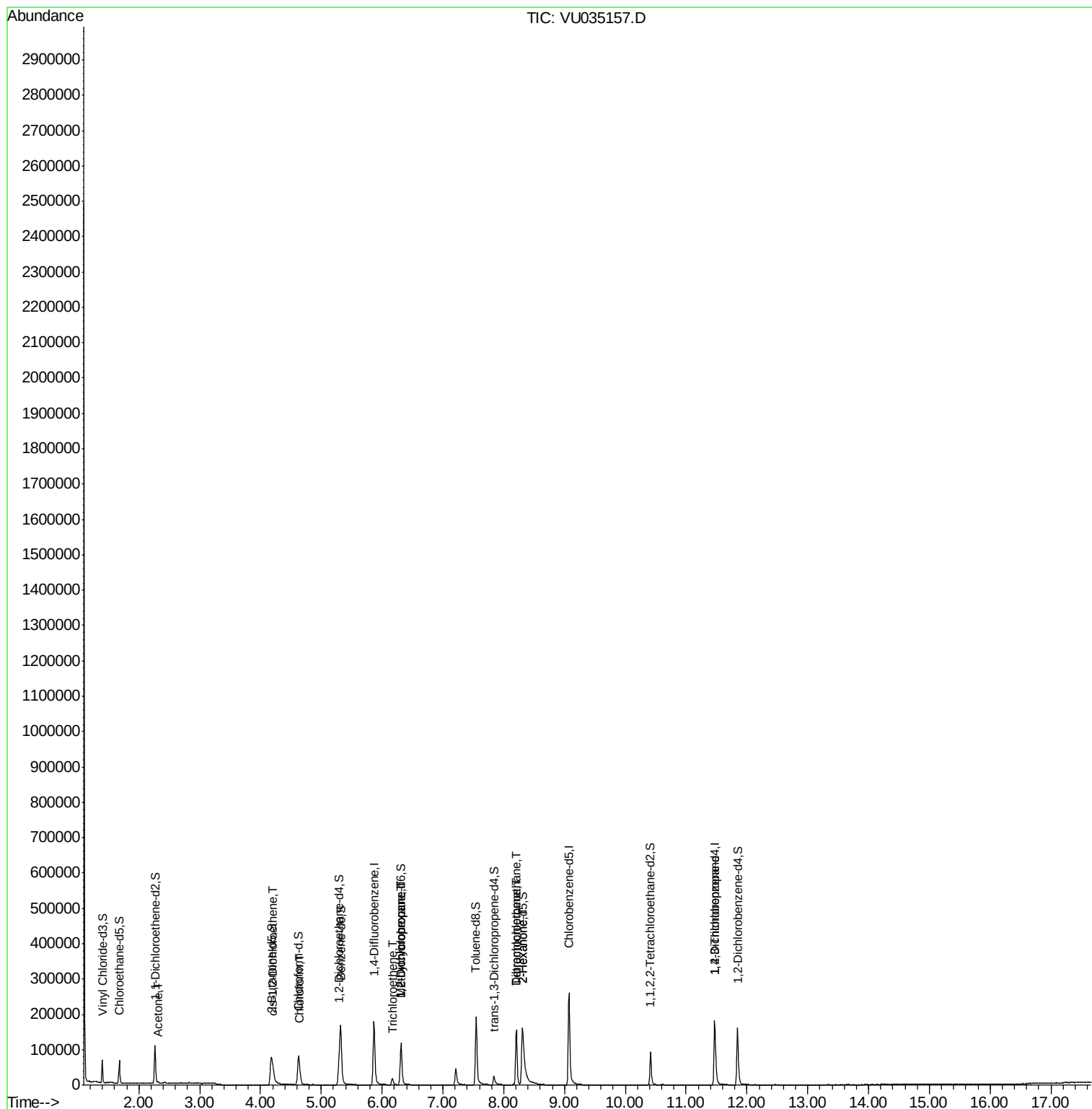
					Qvalue
13) Acetone	2.31	43	2963	1.334 ug/L	86
22) cis-1,2-Dichloroethene	4.20	96	17276	1.446 ug/L	96
25) Chloroform	4.66	83	13161	0.550 ug/L	99
34) Trichloroethene	6.17	95	7093	0.558 ug/L	94
35) Methylcyclohexane	6.31	83	13581	0.660 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6839	0.515 ug/L #	90
47) Tetrachloroethene	8.21	164	34781	3.381 ug/L	96
48) 2-Hexanone	8.31	43	10972	1.913 ug/L #	59
49) Dibromochloromethane	8.21	129	34168	3.350 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	7784	0.905 ug/L	96

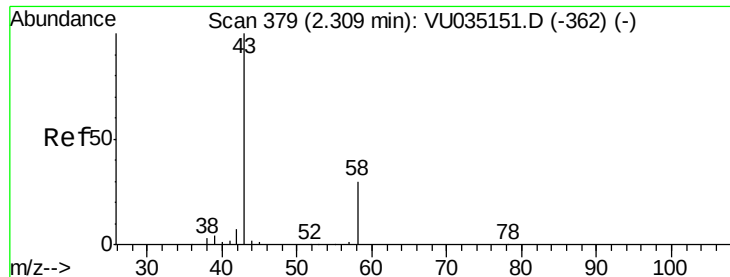
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.334 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

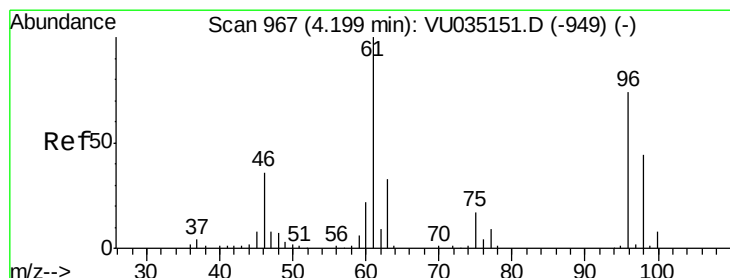
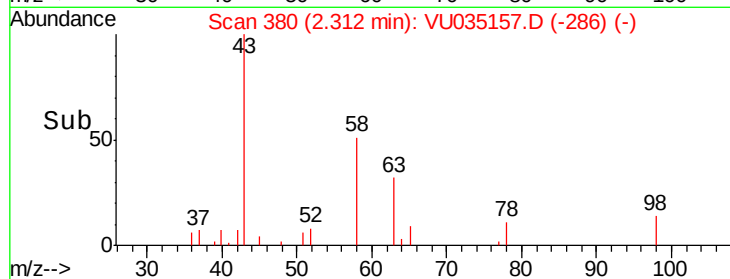
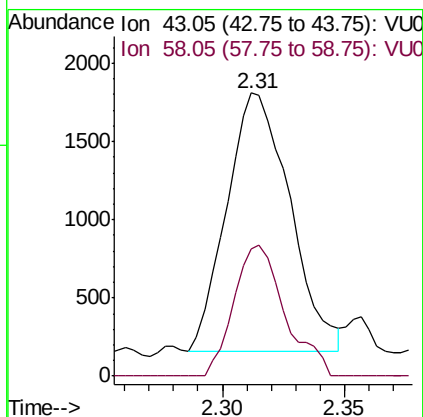
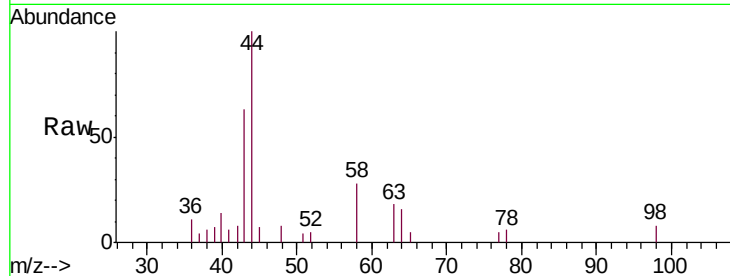
MW-6D-001-01

Tgt Ion: 43 Resp: 2963

Ion Ratio Lower Upper

43 100

58 41.1 0.0 66.6



#22

cis-1,2-Dichloroethene

Concen: 1.446 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

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Acq: 14 Oct 2019 18:10

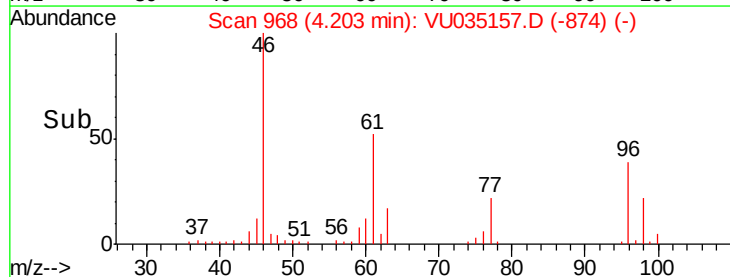
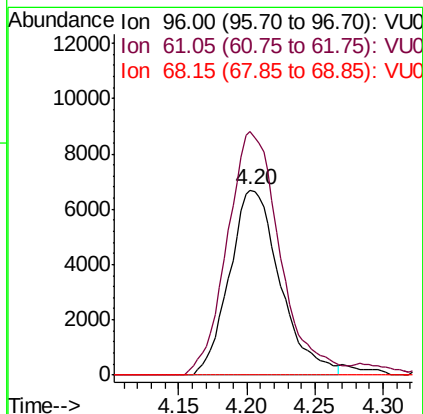
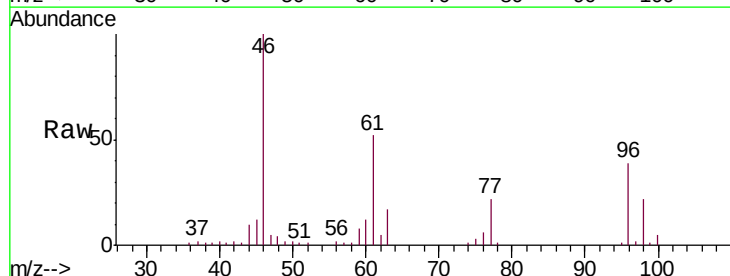
Tgt Ion: 96 Resp: 17276

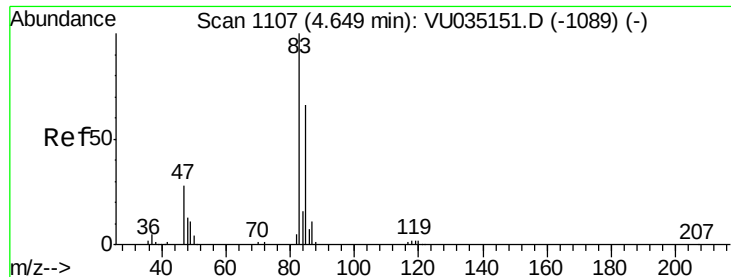
Ion Ratio Lower Upper

96 100

61 131.5 89.2 165.6

68 0.0 0.0 0.0

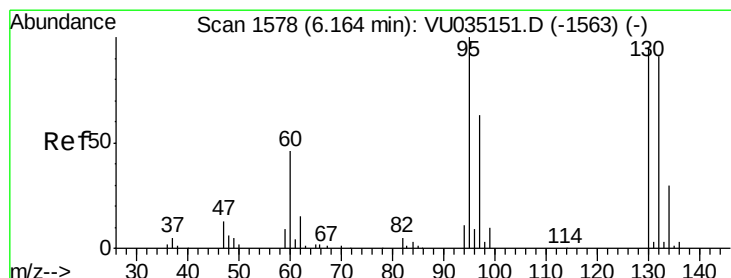
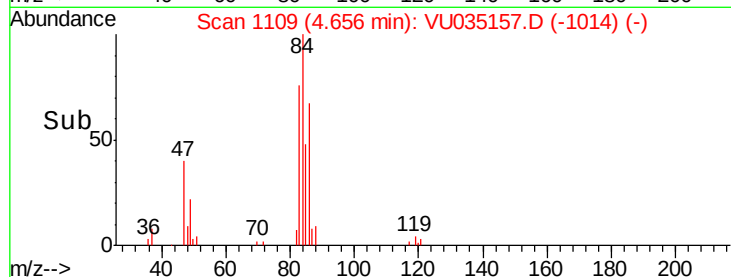
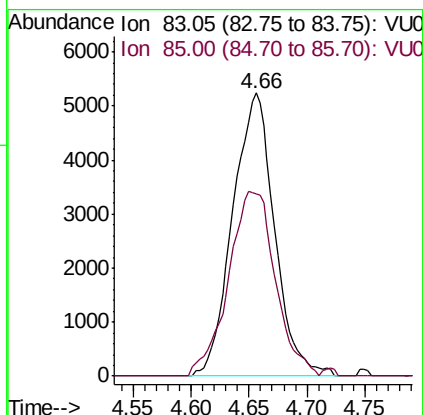
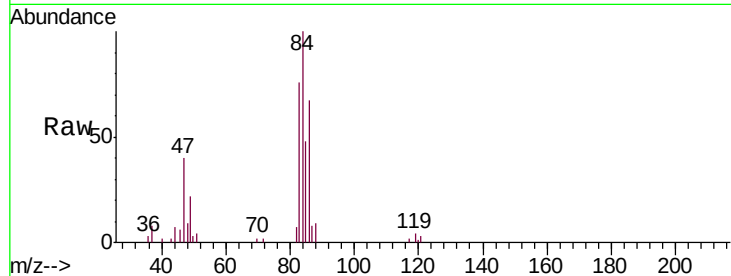




#25
Chloroform
Concen: 0.550 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU035157.D
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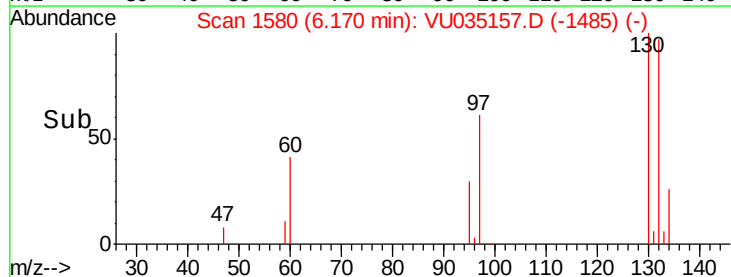
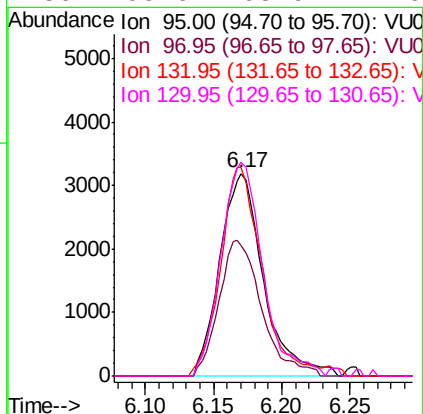
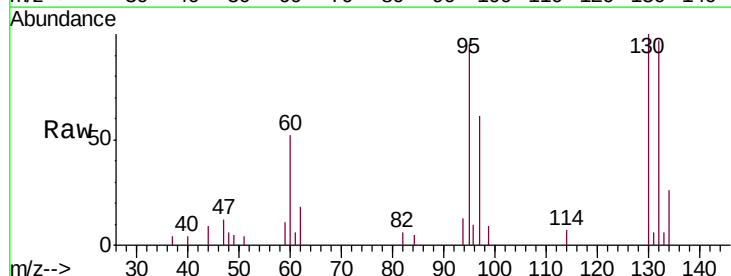
Instrument :
MSVOA_U
ClientSampleId :
MW-6D-001-01

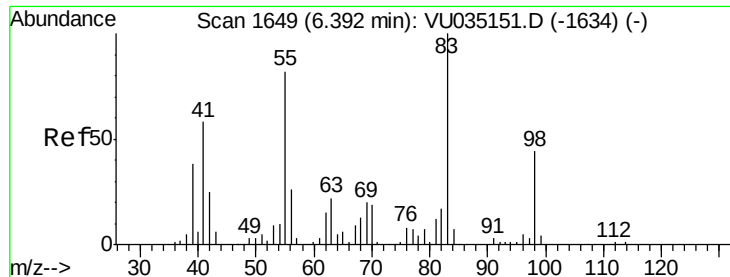
Tgt Ion: 83 Resp: 13161
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.4



#34
Trichloroethene
Concen: 0.558 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU035157.D
Acq: 14 Oct 2019 18:10

Tgt Ion: 95 Resp: 7093
Ion Ratio Lower Upper
95 100
97 64.5 44.5 82.7
132 102.9 66.6 123.8
130 105.6 68.9 127.9

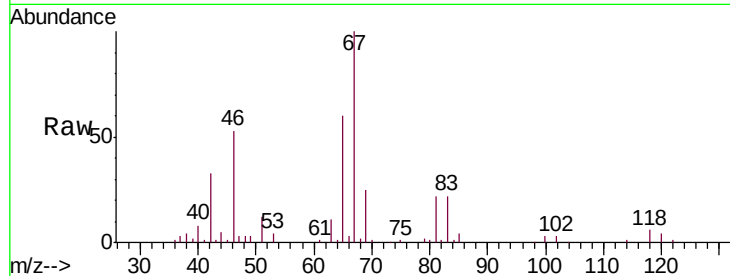




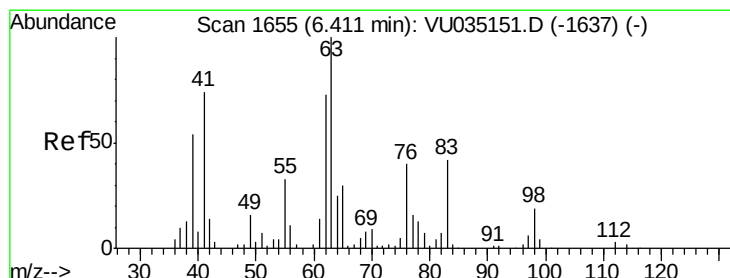
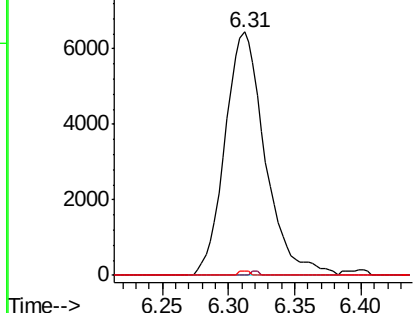
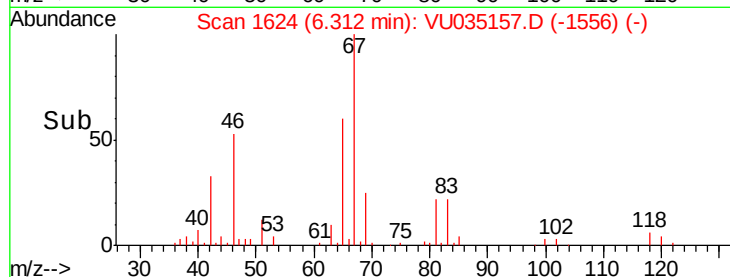
#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035157.D
Acq: 14 Oct 2019 18:10

Instrument :
MSVOA_U
ClientSampleId :
MW-6D-001-01

Tgt Ion: 83 Resp: 13581
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 0.5 36.2 54.2#

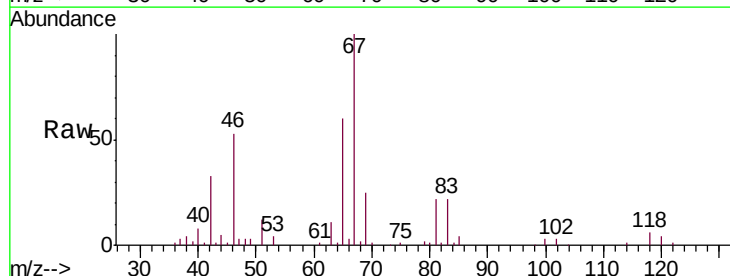


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

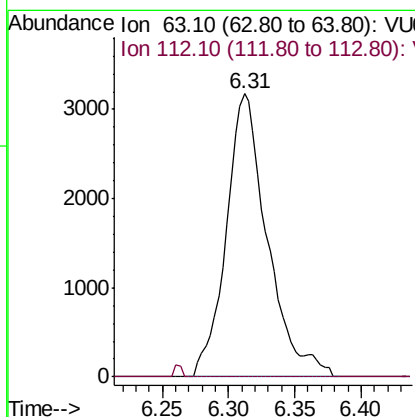
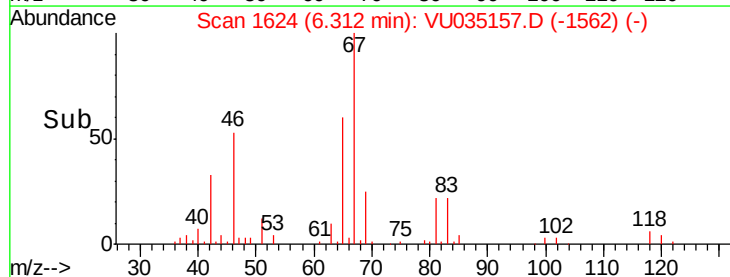


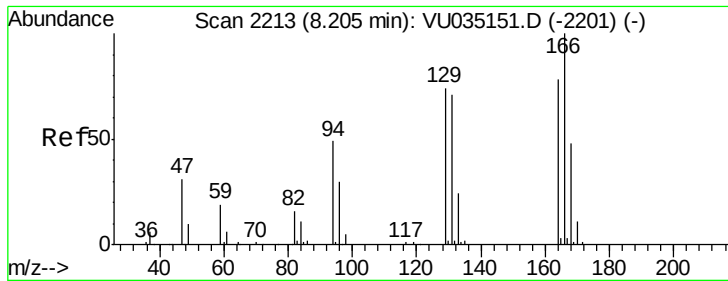
#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035157.D
Acq: 14 Oct 2019 18:10

Tgt Ion: 63 Resp: 6839
Ion Ratio Lower Upper
63 100
112 0.7 3.1 4.7#



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

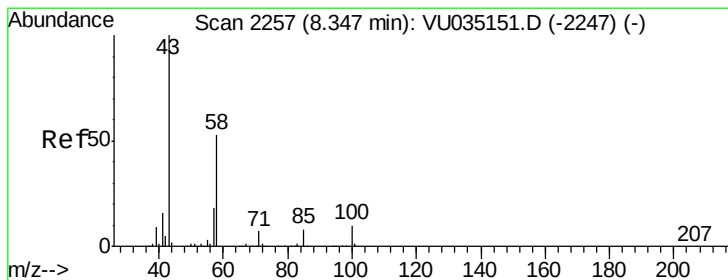
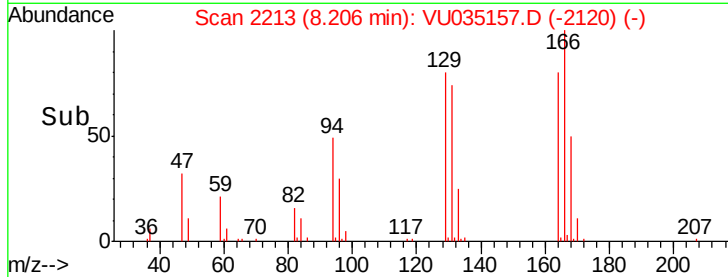
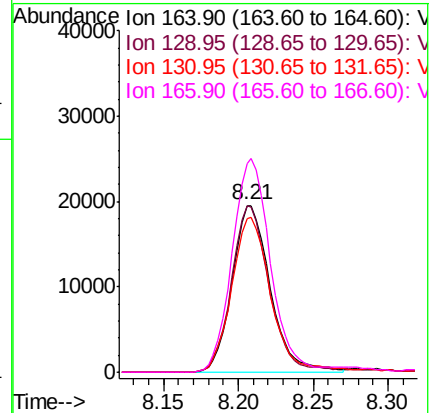
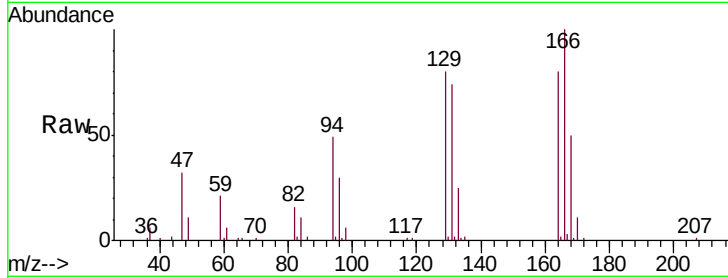




#47
Tetrachloroethene
Concen: 3.381 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU035157.D
Acq: 14 Oct 2019 18:10

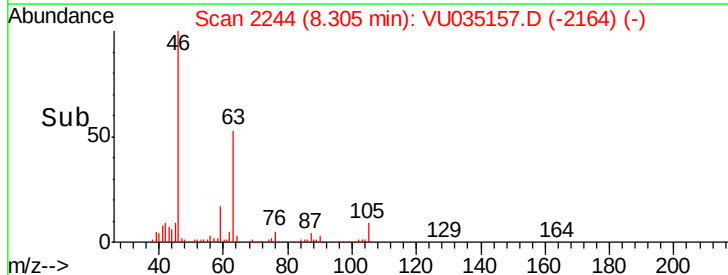
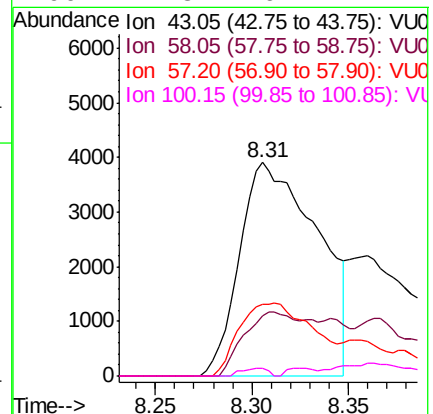
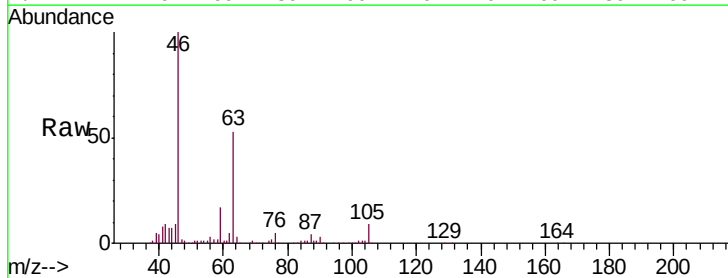
Instrument :
MSVOA_U
ClientSampleId :
MW-6D-001-01

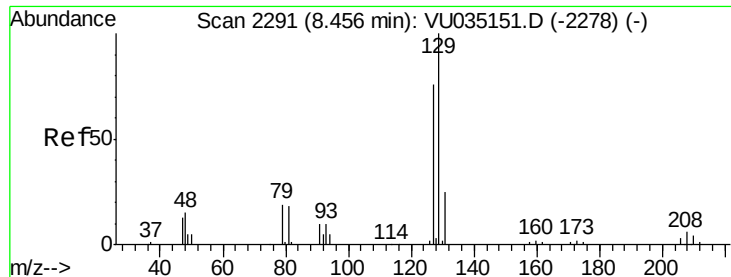
Tgt Ion:164 Resp: 34781
Ion Ratio Lower Upper
164 100
129 99.6 68.5 127.1
131 92.3 67.3 124.9
166 125.0 93.1 172.9



#48
2-Hexanone
Concen: 1.913 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU035157.D
Acq: 14 Oct 2019 18:10

Tgt Ion: 43 Resp: 10972
Ion Ratio Lower Upper
43 100
58 20.0 44.1 66.1#
57 32.3 15.8 23.8#
100 1.3 9.4 14.2#

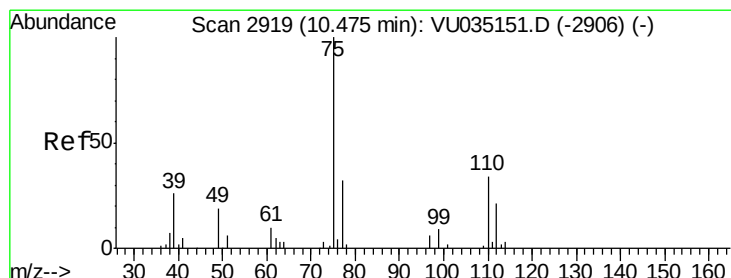
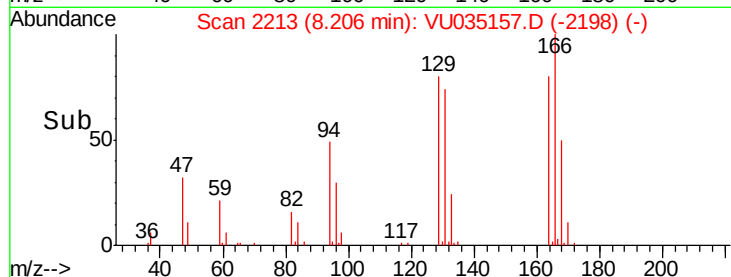
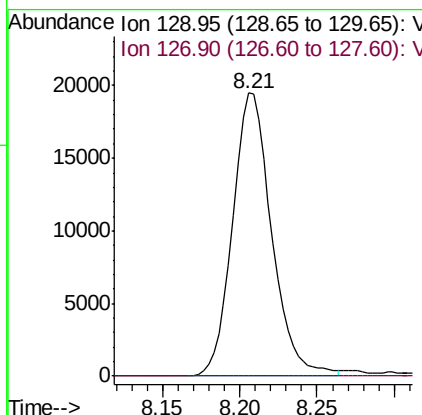
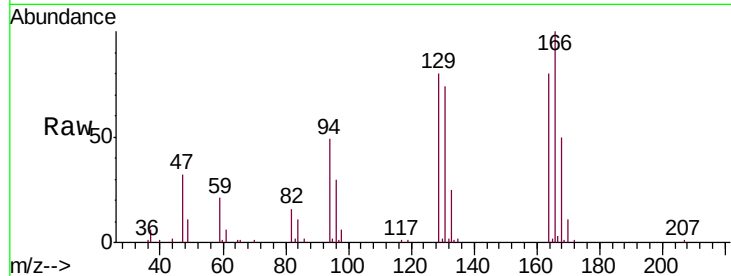




#49
 Dibromochloromethane
 Concen: 3.350 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.25 min
 Lab File: VU035157.D
 Acq: 14 Oct 2019 18:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6D-001-01

Tgt Ion: 129 Resp: 34168
 Ion Ratio Lower Upper
 129 100
 127 0.0 51.9 96.5#



#59
 1,2,3-Trichloropropane
 Concen: 0.905 ug/L
 RT: 11.47 min Scan# 3229
 Delta R.T. 1.00 min
 Lab File: VU035157.D
 Acq: 14 Oct 2019 18:10

Tgt Ion: 75 Resp: 7784
 Ion Ratio Lower Upper
 75 100
 77 35.2 26.5 39.7

