

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037177.D
 Acq On : 11 Mar 2020 19:35
 Operator : JC/MD
 Sample : L1891-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEQ9

Quant Time: Mar 12 01:59:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	114754	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	116082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40621	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39460	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.93	69	31840	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.60%
11) 1,1-Dichloroethene-d2	2.59	63	56807	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.67	46	98703	51.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	5.10	84	77706	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	46175	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.76	84	142456	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.72	67	45924	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	126153	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.21	79	17727	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.66	63	76650	49.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36328	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	40355	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

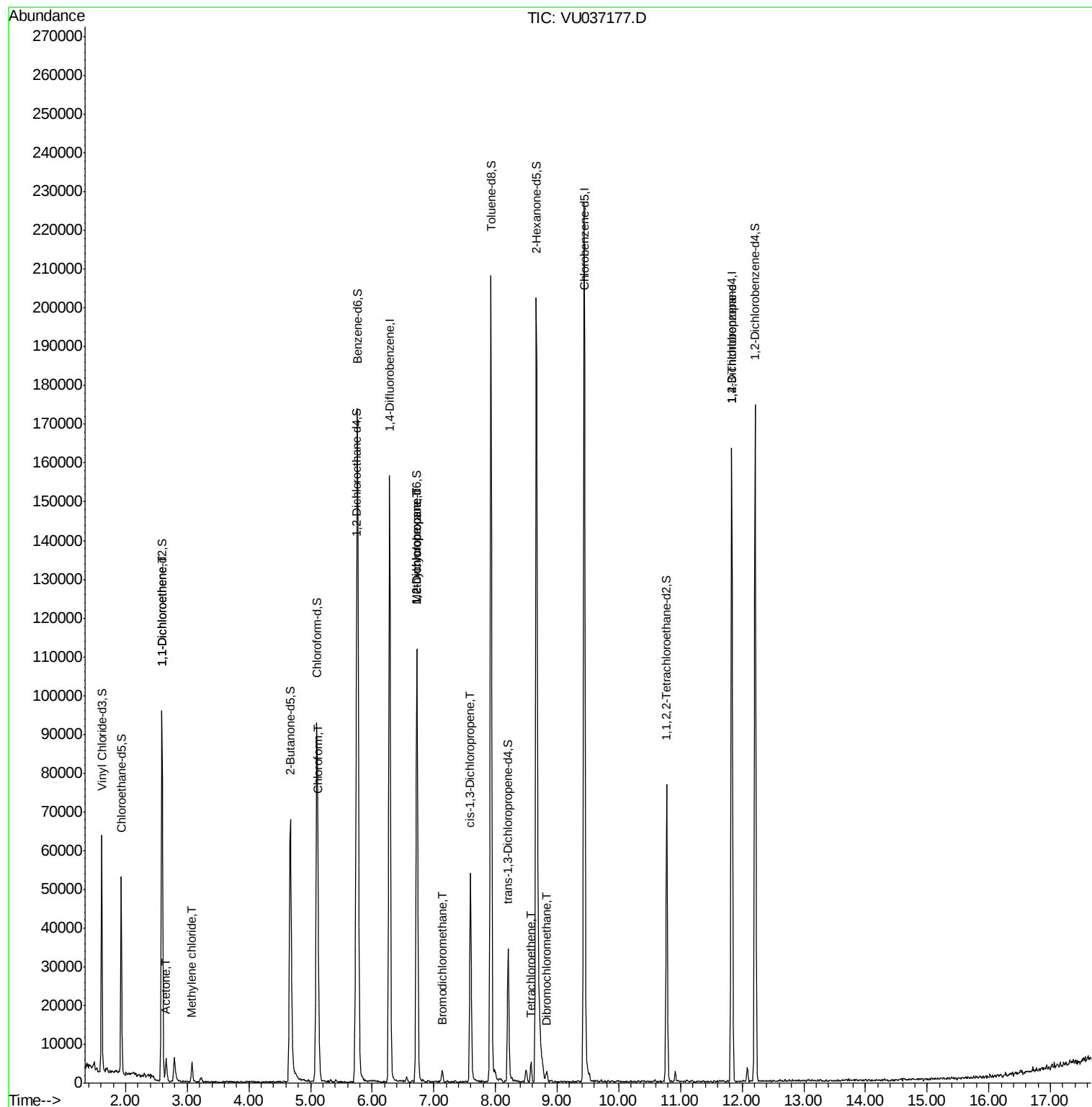
					Ovalue
12) 1,1-Dichloroethene	2.59	96	457	0.061 ug/L #	1
13) Acetone	2.66	43	6636	4.201 ug/L	96
16) Methylene chloride	3.08	84	1912	0.213 ug/L	85
25) Chloroform	5.13	83	9104	0.521 ug/L	92
35) Methylcyclohexane	6.72	83	10995	0.767 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	6293	0.697 ug/L #	88
38) Bromodichloromethane	7.13	83	2269	0.189 ug/L #	76
39) cis-1,3-Dichloropropene	7.60	75	1662	0.128 ug/L #	66
47) Tetrachloroethene	8.57	164	1091	0.151 ug/L	75
49) Dibromochloromethane	8.84	129	1249	0.159 ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	6539	1.012 ug/L	92

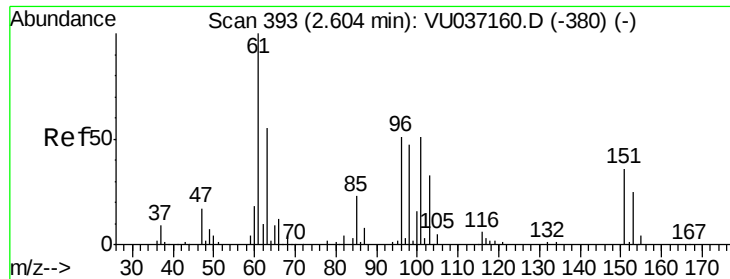
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 12 01:55:55 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037177.D

Acq: 11 Mar 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

DBEQ9

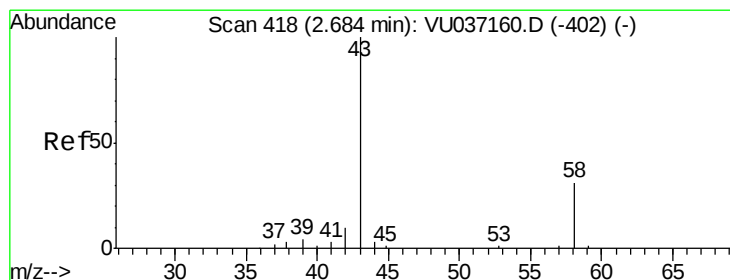
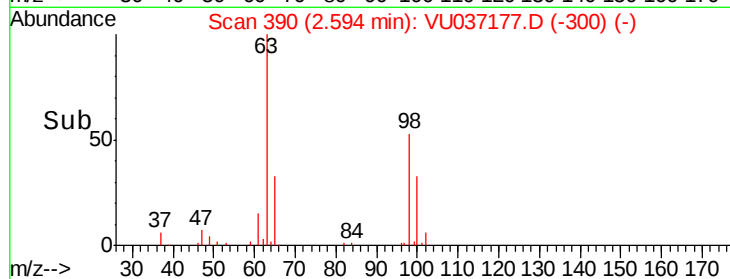
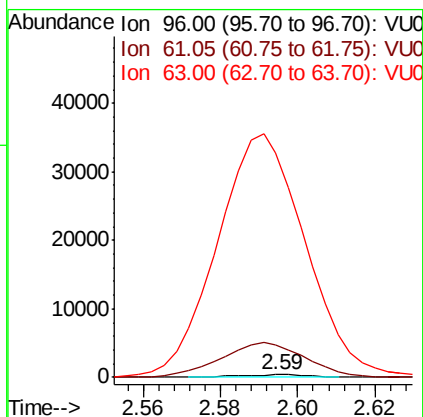
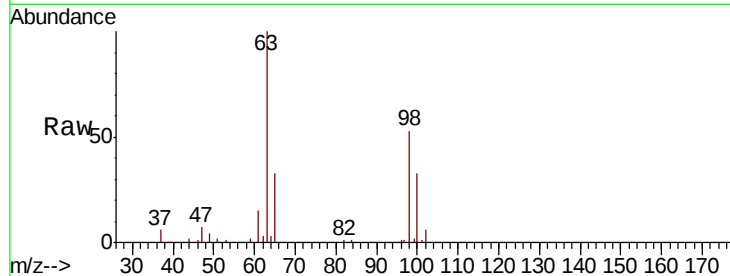
Tot Ion: 96 Resp: 457

Ion Ratio Lower Upper

96 100

61 1332.8 136.4 253.2#

63 9181.0 86.2 160.0#



#13

Acetone

Concen: 4.201 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.03 min

Lab File: VU037177.D

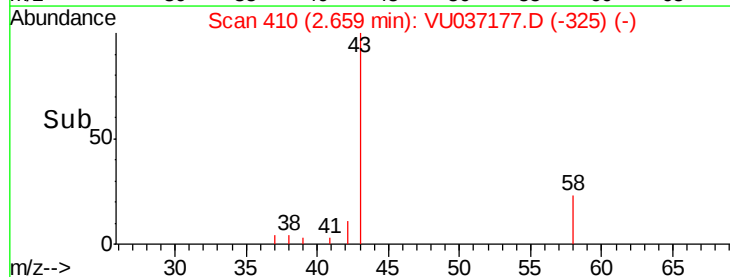
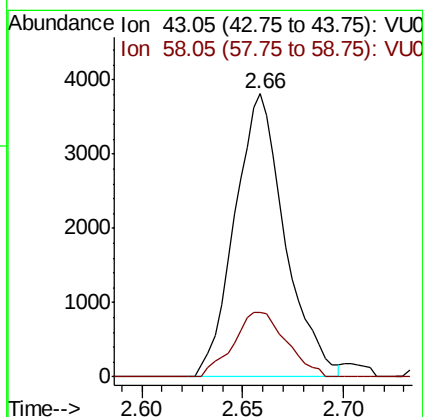
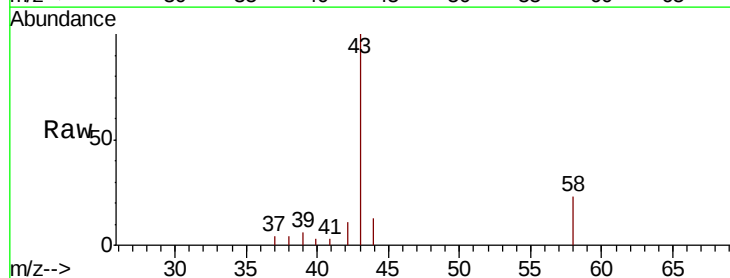
Acq: 11 Mar 2020 19:35

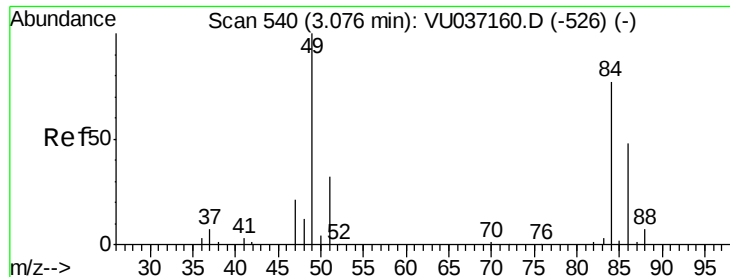
Tgt Ion: 43 Resp: 6636

Ion Ratio Lower Upper

43 100

58 24.1 0.0 52.2

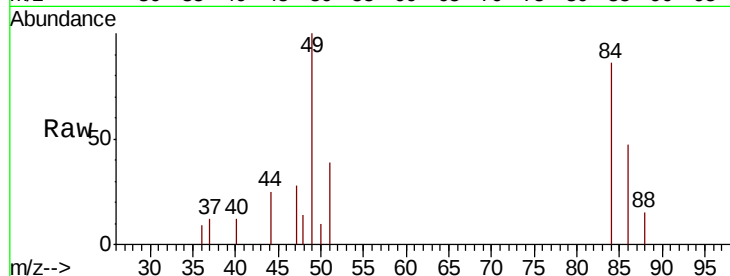




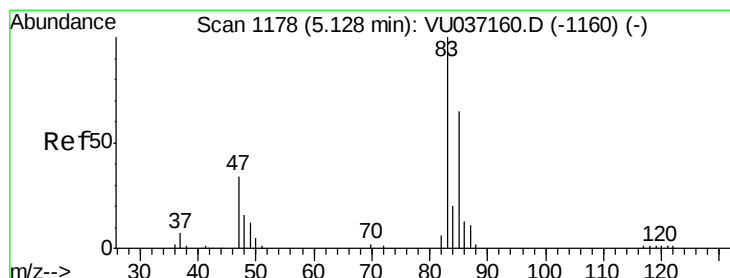
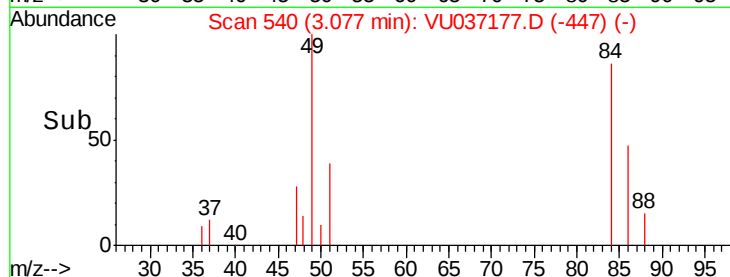
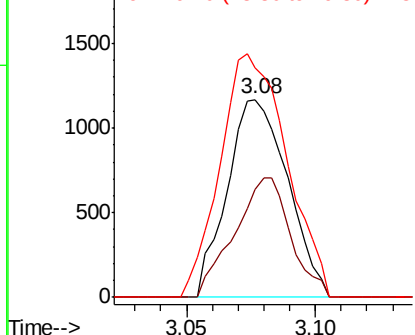
#16
Methvlene chloride
Concen: 0.213 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037177.D
Acq: 11 Mar 2020 19:35

Instrument :
MSVOA_U
ClientSampleId :
DBEQ9

Tot Ion: 84 Resp: 1912
Ion Ratio Lower Upper
84 100
86 54.8 44.3 82.3
49 115.9 95.3 177.1

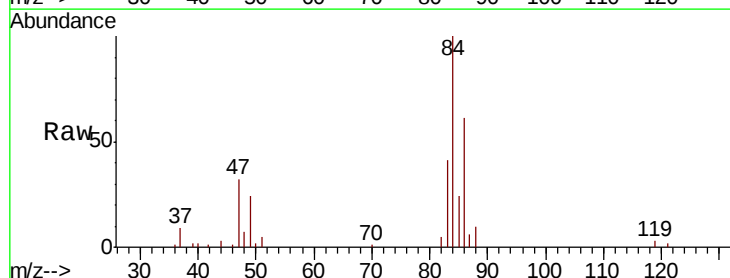


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

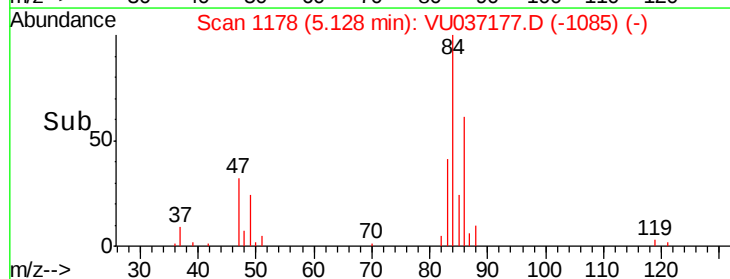
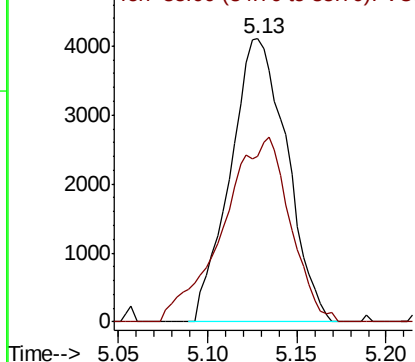


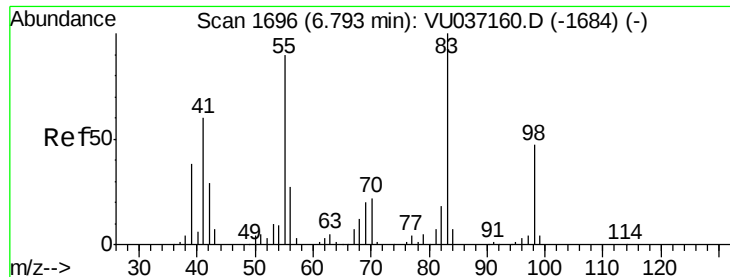
#25
Chloroform
Concen: 0.521 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037177.D
Acq: 11 Mar 2020 19:35

Tgt Ion: 83 Resp: 9104
Ion Ratio Lower Upper
83 100
85 58.7 45.3 84.1



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

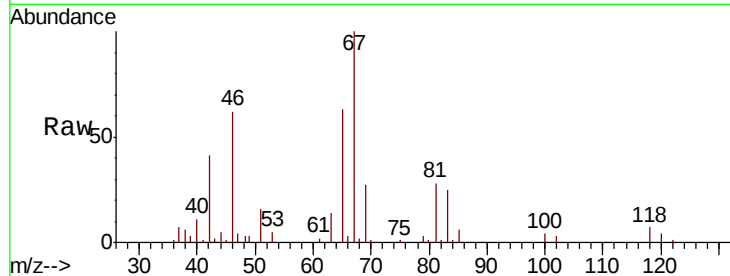




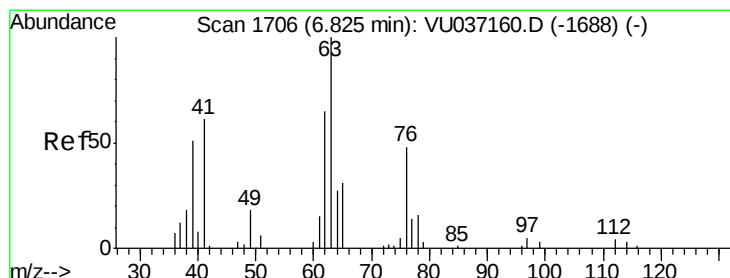
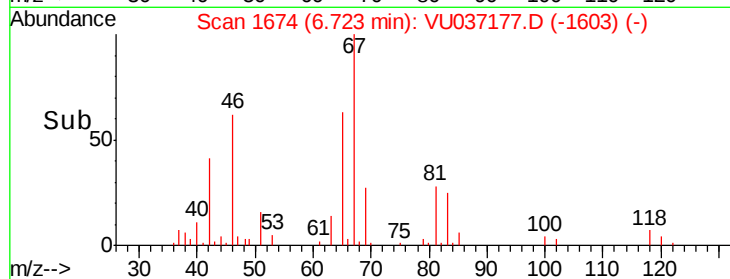
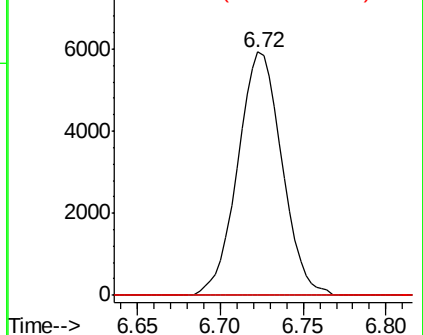
#35
Methvlcvclohexane
Concen: 0.767 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037177.D
Acq: 11 Mar 2020 19:35

Instrument :
MSVOA_U
ClientSampleId :
DBEQ9

Tot Ion: 83 Resp: 10995
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 2.1 37.0 55.4#

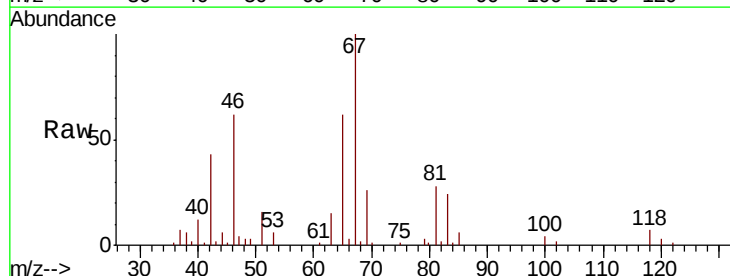


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

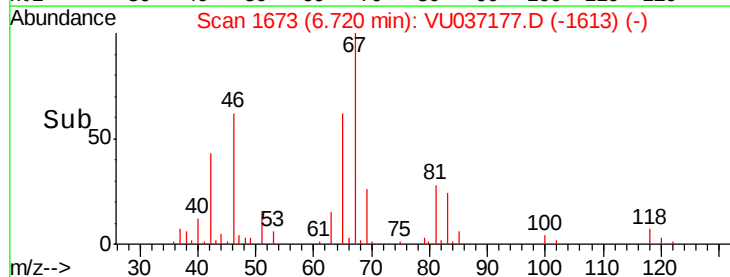
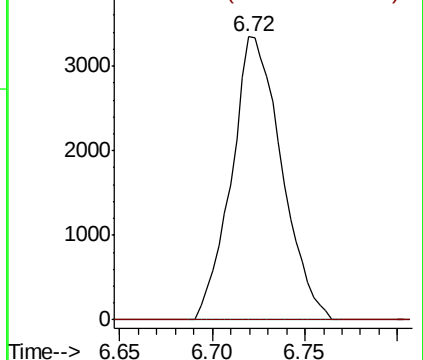


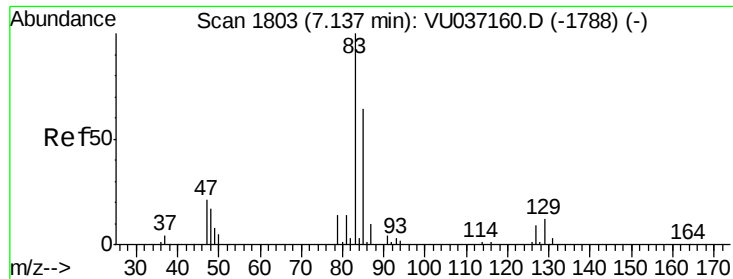
#37
1,2-Dichloropropane
Concen: 0.697 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.11 min
Lab File: VU037177.D
Acq: 11 Mar 2020 19:35

Tgt Ion: 63 Resp: 6293
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



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





#38

Bromodichloromethane

Concen: 0.189 ug/L

RT: 7.13 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VU037177.D

Acq: 11 Mar 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

DBEQ9

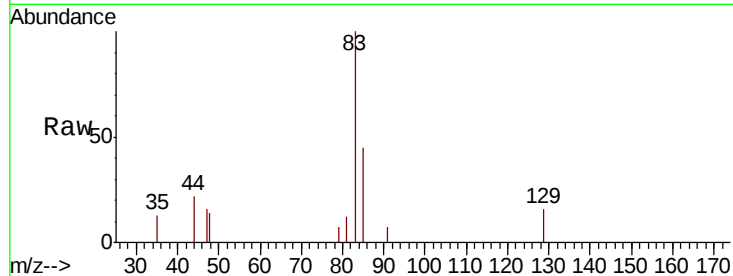
Tot Ion: 83 Resp: 2269

Ion Ratio Lower Upper

83 100

85 45.2 45.1 83.7

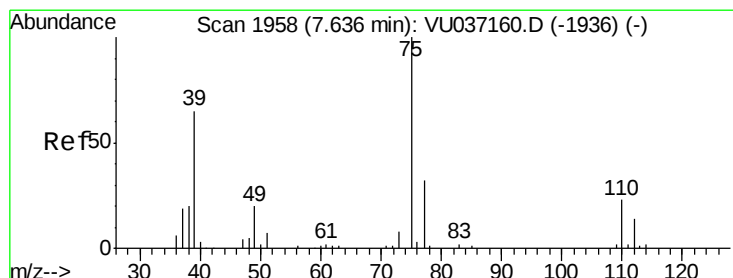
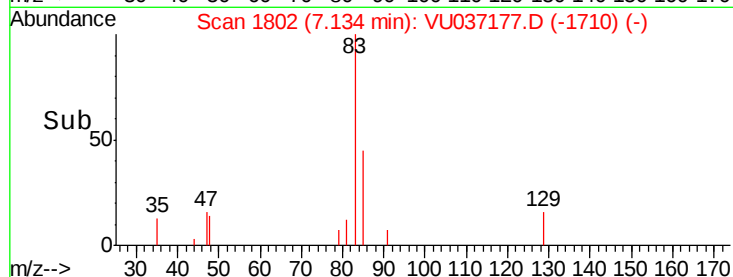
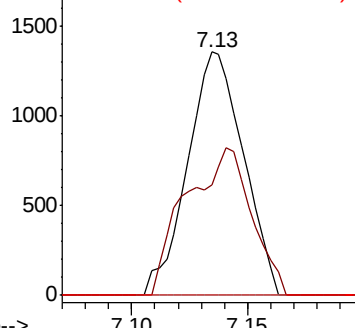
127 0.0 6.7 10.1#



Abundance Ion 82.95 (82.65 to 83.65): VU037160.D (-1788) (-)

Ion 85.00 (84.70 to 85.70): VU037160.D (-1788) (-)

Ion 126.90 (126.60 to 127.60): VU037160.D (-1788) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU037177.D

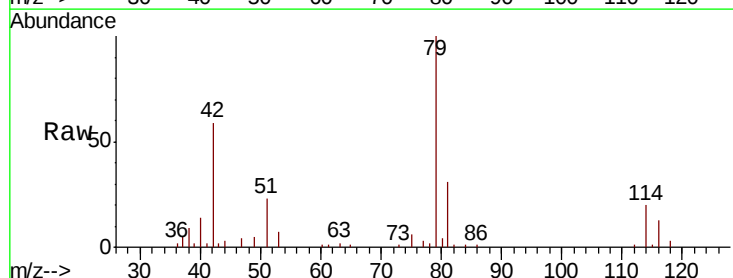
Acq: 11 Mar 2020 19:35

Tgt Ion: 75 Resp: 1662

Ion Ratio Lower Upper

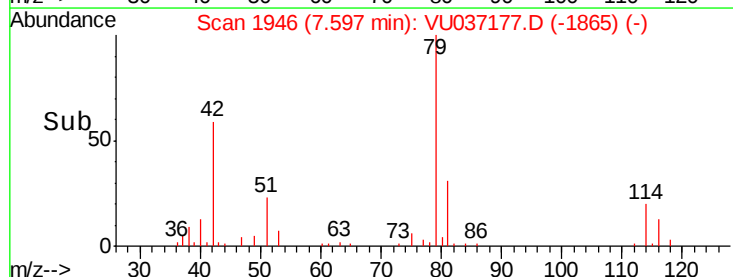
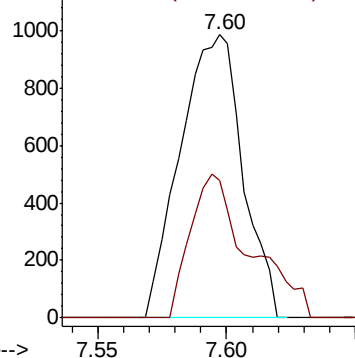
75 100

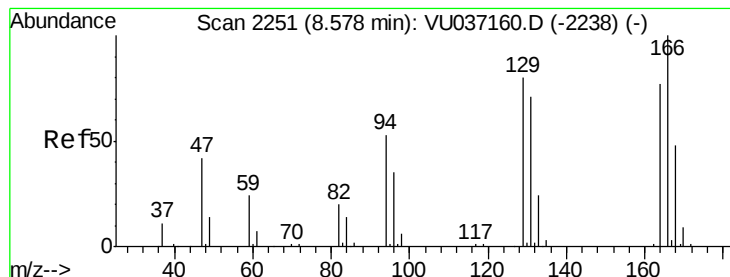
77 48.7 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VU037160.D (-1936) (-)

Ion 77.05 (76.75 to 77.75): VU037160.D (-1936) (-)





#47

Tetrachloroethene

Concen: 0.151 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037177.D

Acq: 11 Mar 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

DBEQ9

Tot Ion:164 Resp: 1091

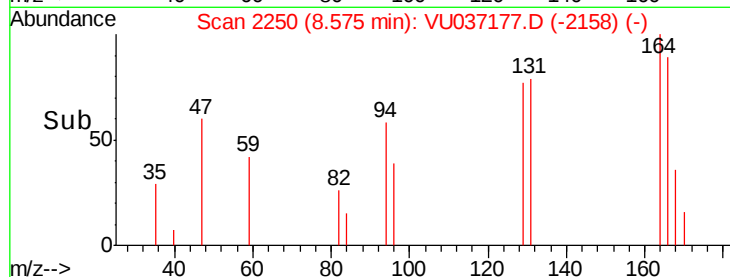
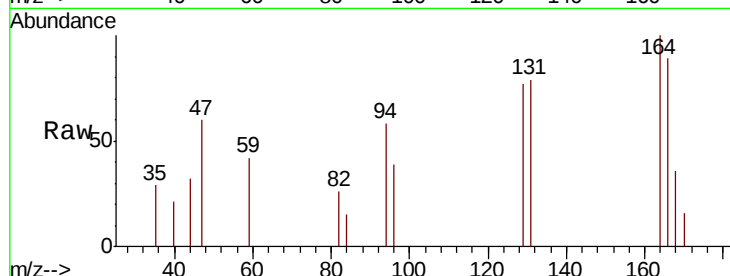
Ion Ratio Lower Upper

164 100

129 76.7 69.8 129.6

131 79.1 66.1 122.8

166 89.1 88.1 163.5

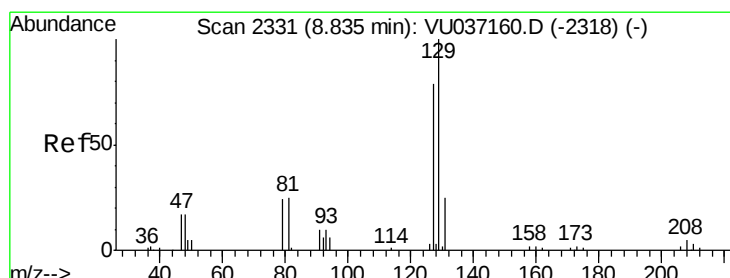
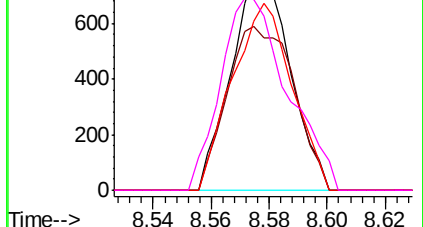


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.159 ug/L

RT: 8.84 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU037177.D

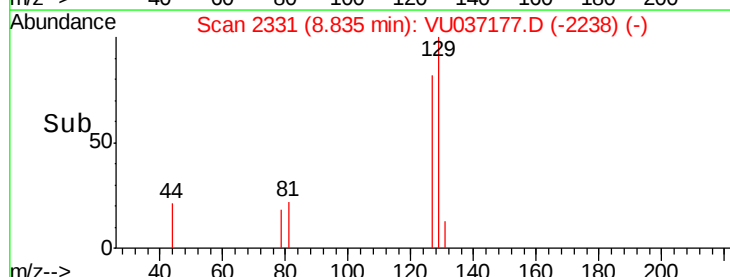
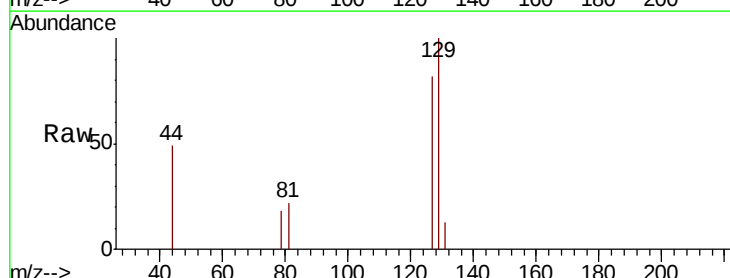
Acq: 11 Mar 2020 19:35

Tgt Ion:129 Resp: 1249

Ion Ratio Lower Upper

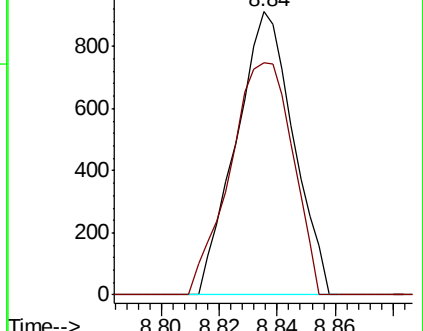
129 100

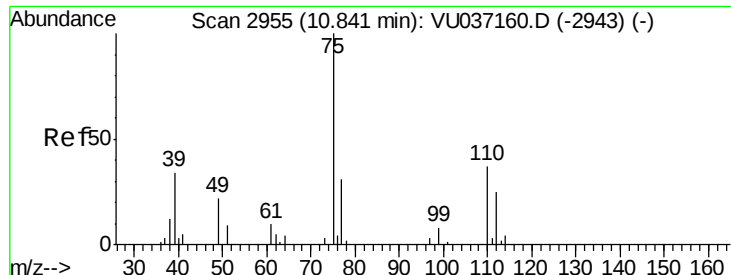
127 81.8 54.9 102.1



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: 1.012 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037177.D

Acq: 11 Mar 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

DBEQ9

Tot Ion: 75 Resp: 6539

Ion Ratio Lower Upper

75 100

77 39.1 27.4 41.0

