

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050120\
 Data File : VU037989.D
 Acq On : 01 May 2020 15:07
 Operator : JC/MD
 Sample : L2471-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 02 00:12:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 02 00:09:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	691118	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	675714	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	303818	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	263748	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.78%
7) Chloroethane-d5	1.93	69	222211	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.88%
11) 1,1-Dichloroethene-d2	2.66	63	191	0.02	ug/L	0.07
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.66	46	381966	80.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.39%
24) Chloroform-d	5.10	84	400242	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.04%
26) 1,2-Dichloroethane-d4	5.74	65	304608	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
32) Benzene-d6	5.76	84	923560	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.72	67	308880	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.54%
41) Toluene-d8	7.92	98	829891	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%
43) trans-1,3-Dichloropropene-	8.20	79	136706	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
47) 2-Hexanone-d5	8.65	63	282113	98.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	420151	44.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.30%
64) 1,2-Dichlorobenzene-d4	12.20	152	292482	46.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.08%

Target Compounds

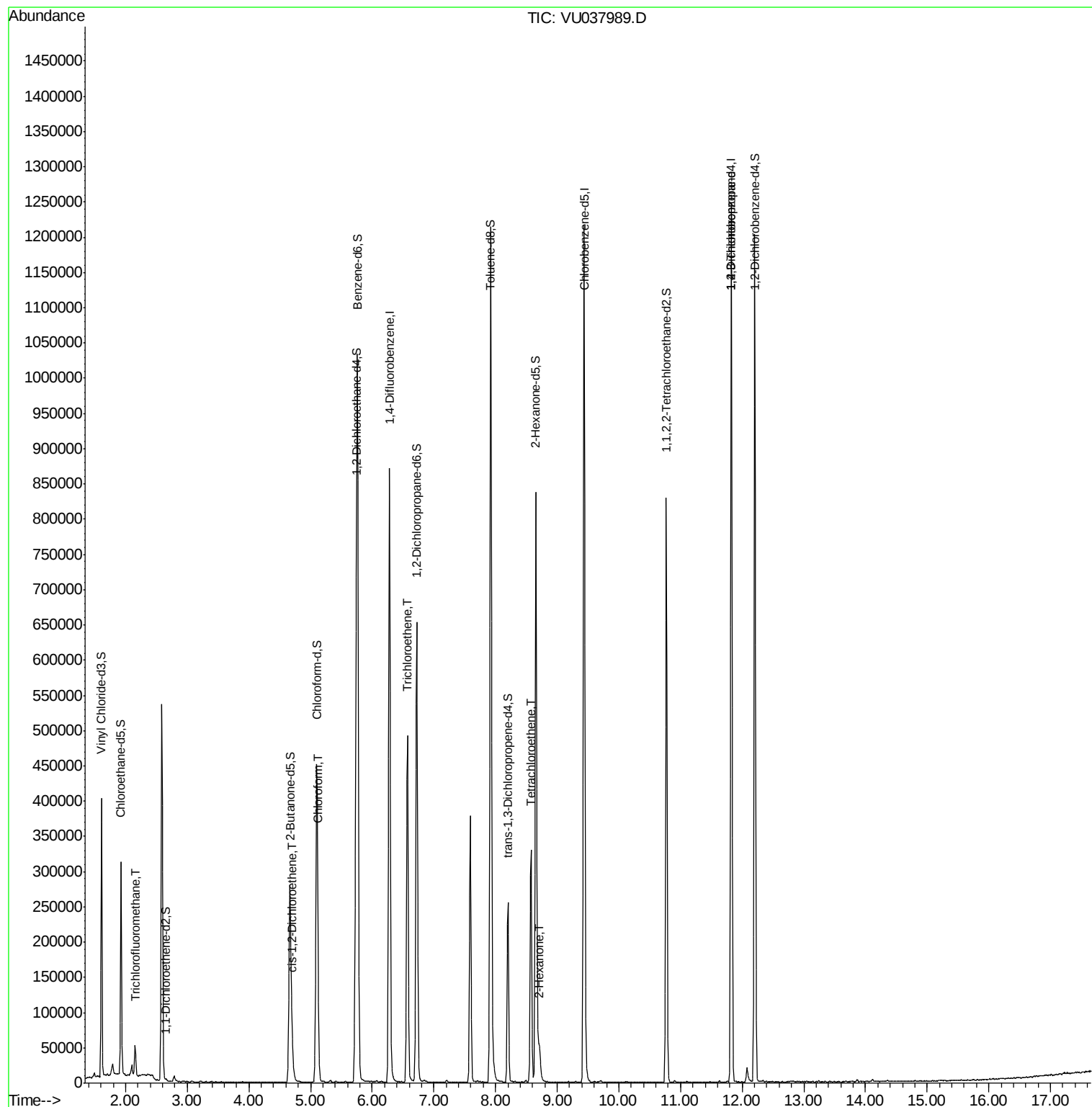
					Ovalue
9) Trichlorofluoromethane	2.16	101	27297	3.793	ug/L 98
20) cis-1,2-Dichloroethene	4.71	96	8122	1.503	ug/L 91
25) Chloroform	5.12	83	29404	3.147	ug/L 91
34) Trichloroethene	6.57	95	162205	31.667	ug/L 99
46) Tetrachloroethene	8.57	164	71413	19.096	ug/L 97
48) 2-Hexanone	8.71	43	37607	4.987	ug/L 92
59) 1,2,3-Trichloropropane	11.83	75	42277	5.399	ug/L 96

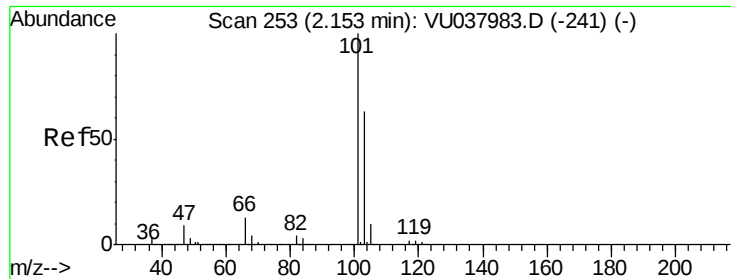
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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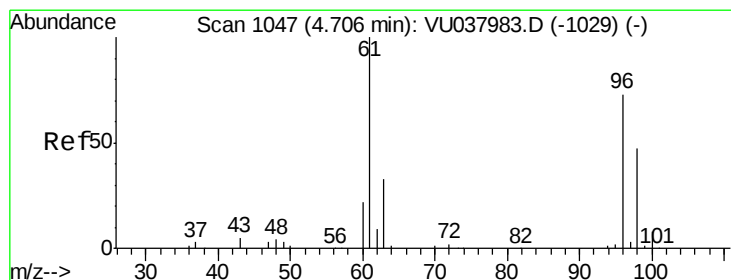
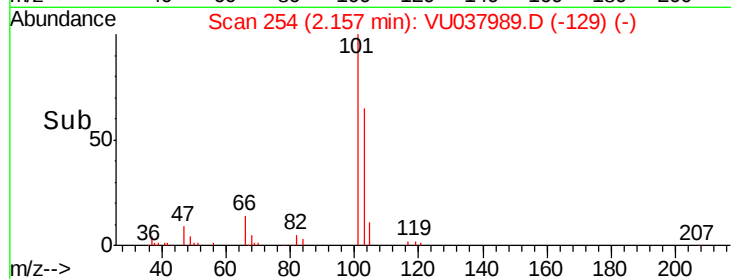
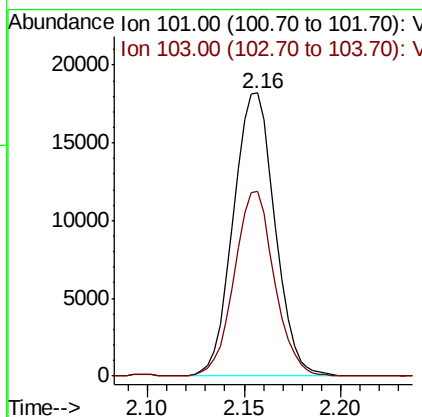
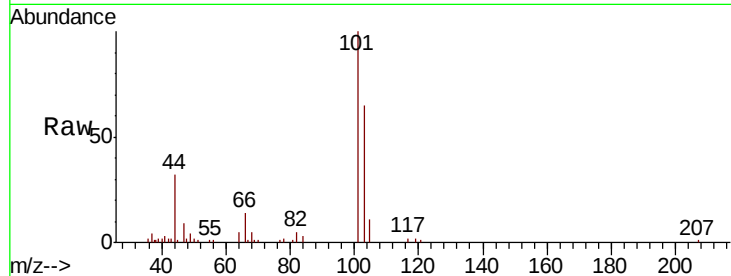


#9

Trichlorofluoromethane
 Concen: 3.793 ug/L
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU037989.D
 Acq: 01 May 2020 15:07

Instrument :
 MSVOA_U
 ClientSampleId :

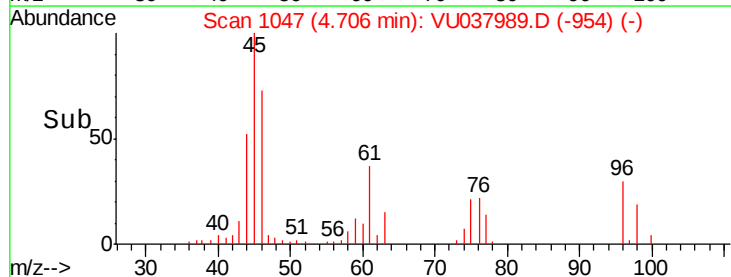
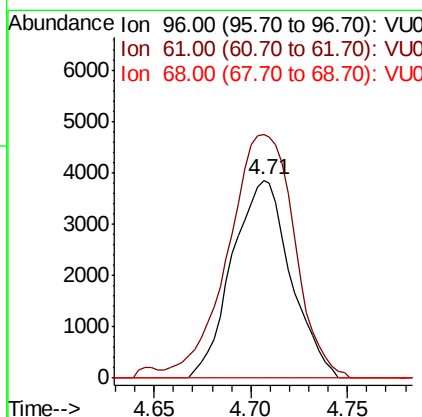
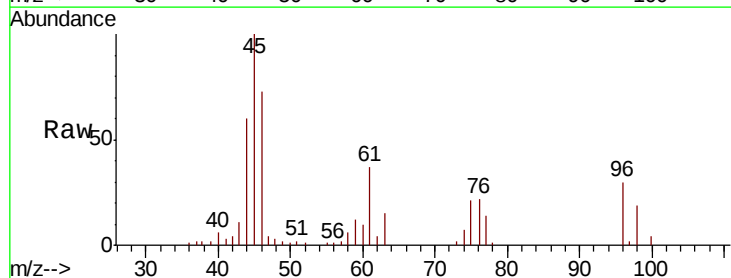
Tot Ion:101 Resp: 27297
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.4 77.0

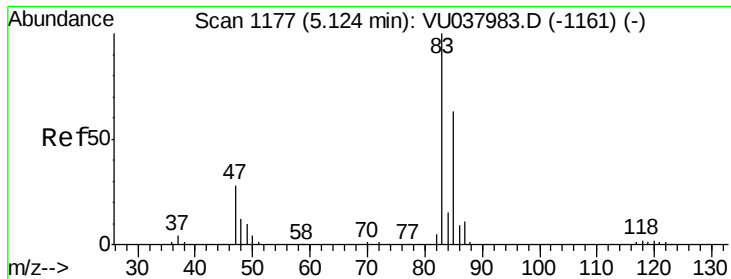


#20

cis-1,2-Dichloroethene
 Concen: 1.503 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037989.D
 Acq: 01 May 2020 15:07

Tgt Ion: 96 Resp: 8122
 Ion Ratio Lower Upper
 96 100
 61 123.1 93.9 174.3
 68 0.0 0.0 0.0

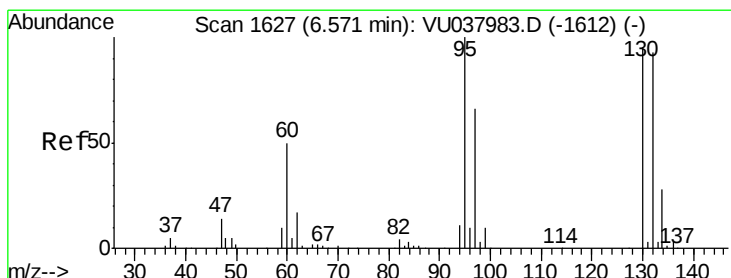
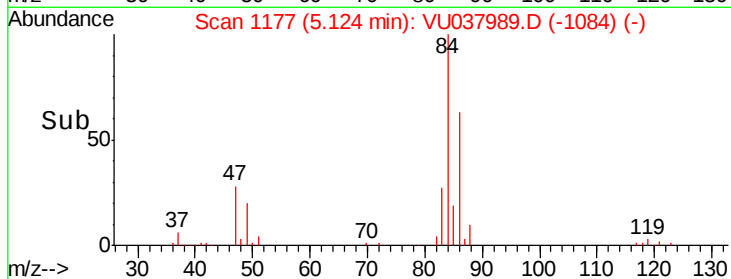
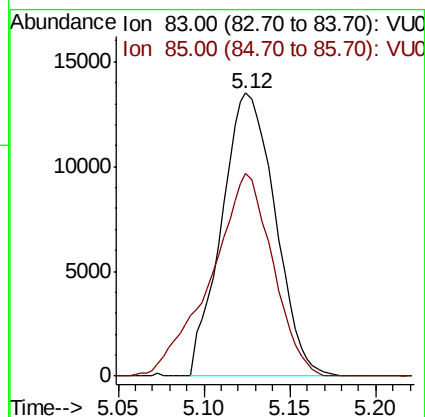
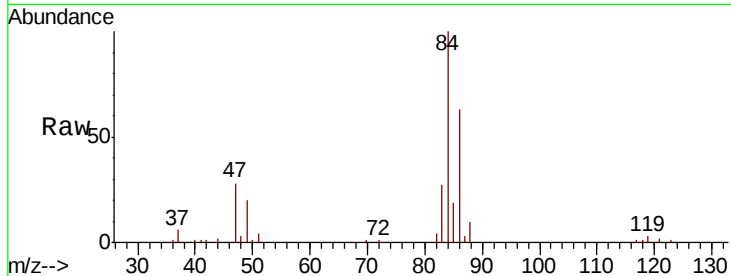




#25
Chloroform
Concen: 3.147 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU037989.D
Acq: 01 May 2020 15:07

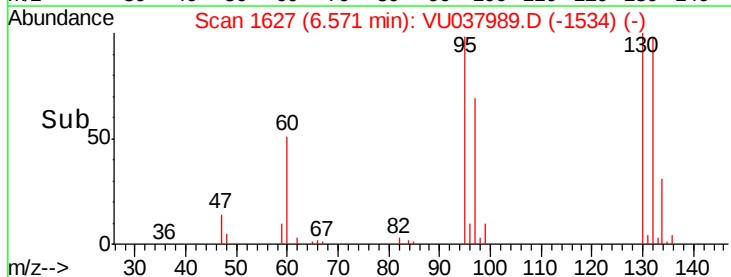
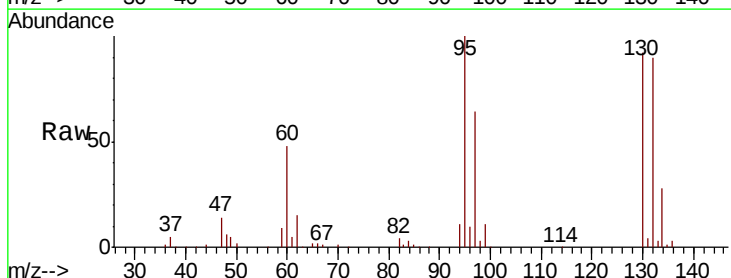
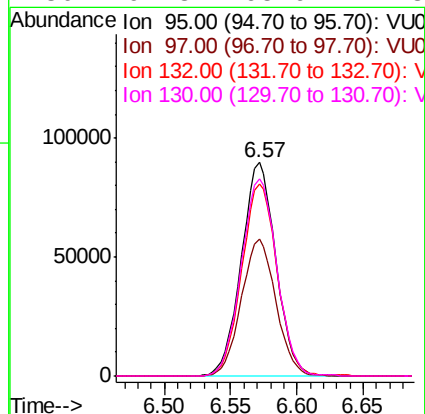
Instrument :
MSVOA_U
ClientSampleId :

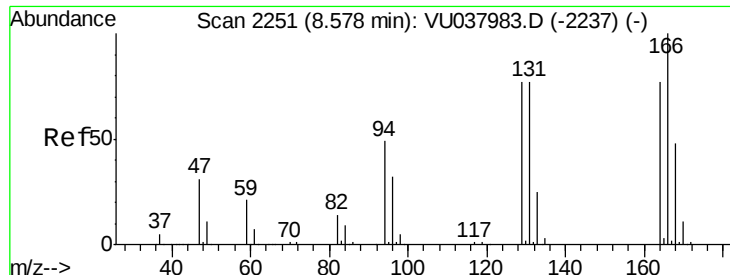
Tot Ion: 83 Resp: 29404
Ion Ratio Lower Upper
83 100
85 71.4 45.0 83.6



#34
Trichloroethene
Concen: 31.667 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037989.D
Acq: 01 May 2020 15:07

Tgt Ion: 95 Resp: 162205
Ion Ratio Lower Upper
95 100
97 63.9 44.9 83.5
132 90.1 63.2 117.4
130 92.3 65.9 122.3





#46

Tetrachloroethene

Concen: 19.096 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037989.D

Acq: 01 May 2020 15:07

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 71413

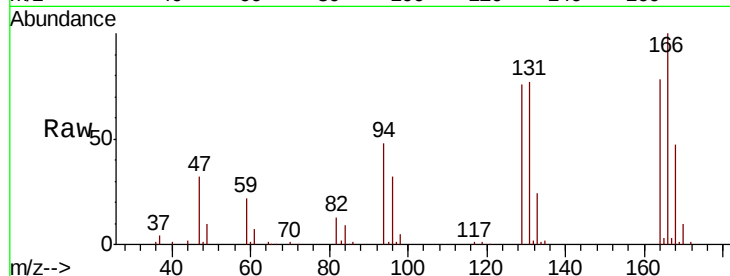
Ion Ratio Lower Upper

164 100

129 96.8 68.4 127.0

131 97.7 65.7 122.1

166 127.7 86.7 161.1



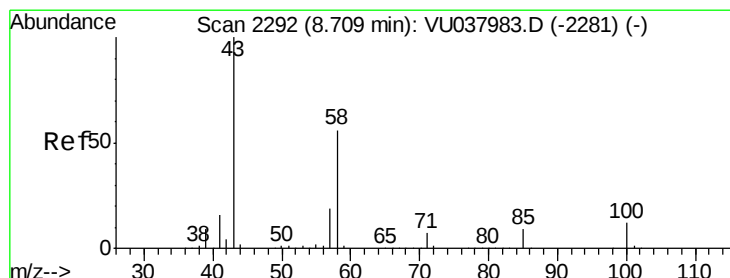
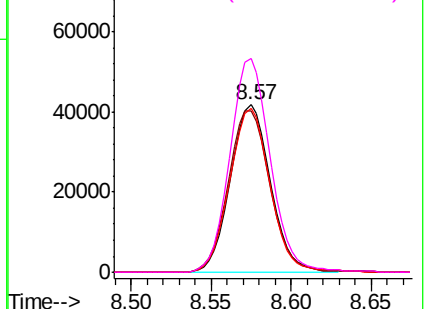
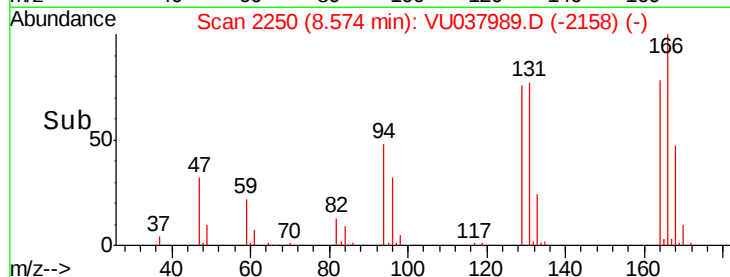
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.987 ug/L

RT: 8.71 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VU037989.D

Acq: 01 May 2020 15:07

Tgt Ion: 43 Resp: 37607

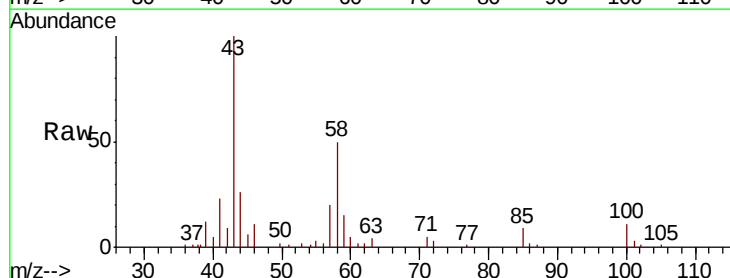
Ion Ratio Lower Upper

43 100

58 50.4 46.4 69.6

57 19.6 16.4 24.6

100 10.1 9.5 14.3



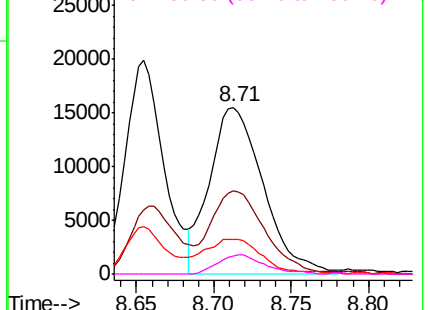
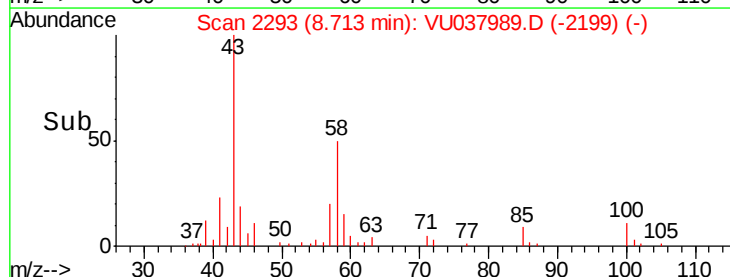
Abundance

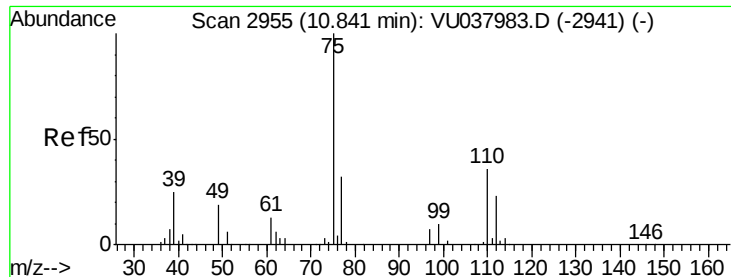
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.399 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037989.D

Acq: 01 May 2020 15:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 42277

Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.2

