

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050120\
 Data File : VU037990.D
 Acq On : 01 May 2020 15:30
 Operator : JC/MD
 Sample : L2471-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 02 00:12:17 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	695027	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	681433	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	306485	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	257050	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.10%
7) Chloroethane-d5	1.93	69	222690	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.56%
11) 1,1-Dichloroethene-d2	2.59	63	325901	32.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.18%
21) 2-Butanone-d5	4.66	46	419425	87.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.78%
24) Chloroform-d	5.10	84	407898	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.18%
26) 1,2-Dichloroethane-d4	5.74	65	298401	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
32) Benzene-d6	5.76	84	918907	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
36) 1,2-Dichloropropane-d6	6.72	67	306172	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.94%
41) Toluene-d8	7.92	98	823266	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%
43) trans-1,3-Dichloropropene-	8.20	79	135660	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
47) 2-Hexanone-d5	8.66	63	276057	95.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.31%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	416501	43.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	291682	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%

Target Compounds

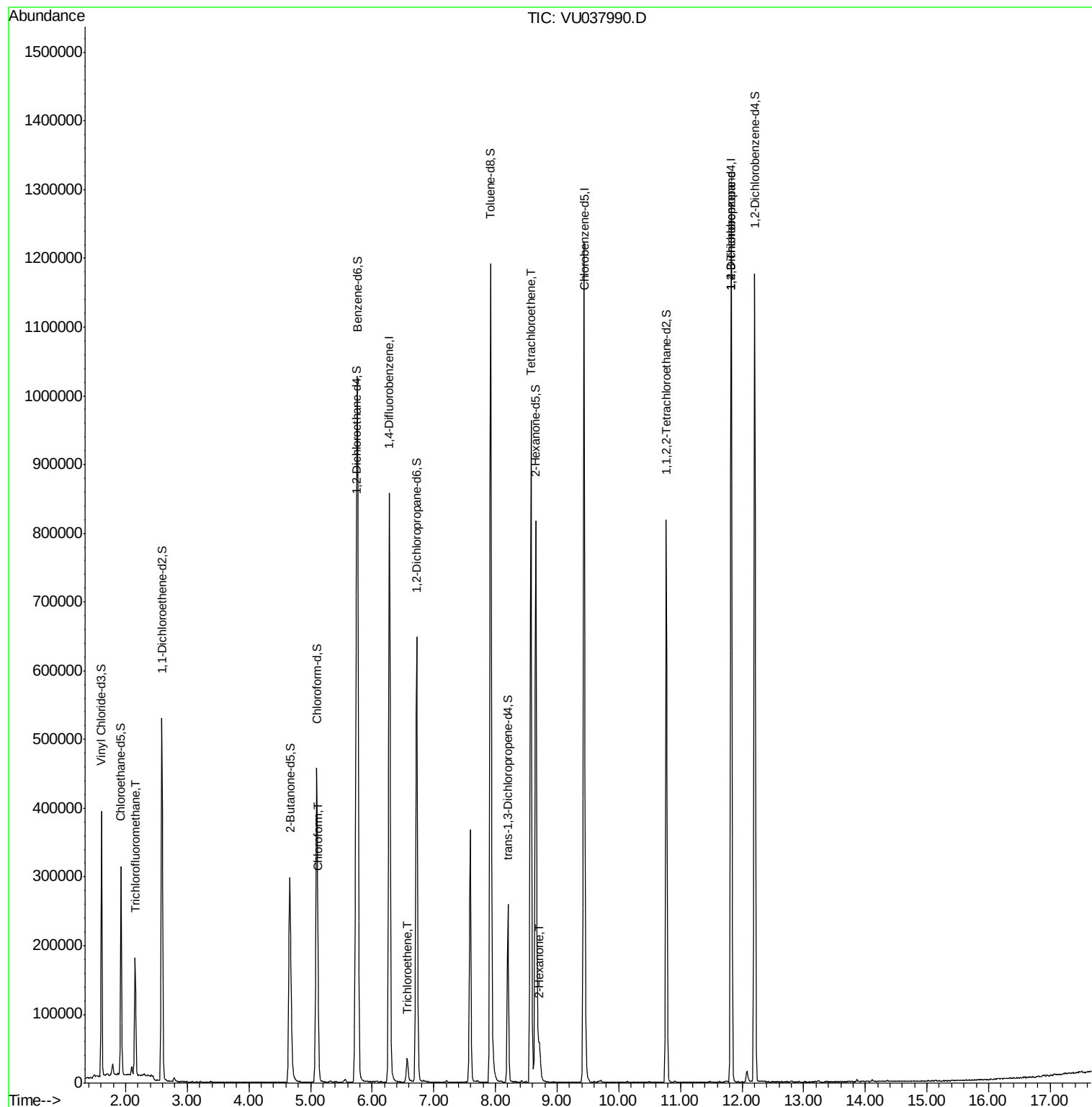
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	2.16	101	108481	14.989	ug/L	99
25) Chloroform	5.13	83	22937	2.441	ug/L	94
34) Trichloroethene	6.57	95	9746	1.887	ug/L	95
46) Tetrachloroethene	8.57	164	210868	55.912	ug/L	98
48) 2-Hexanone	8.71	43	40724	5.355	ug/L #	90
59) 1,2,3-Trichloropropane	11.83	75	41161	5.212	ug/L	91

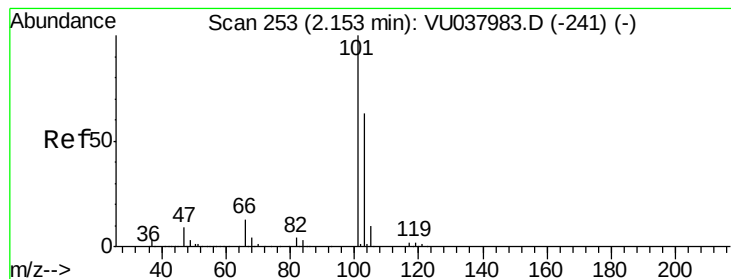
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



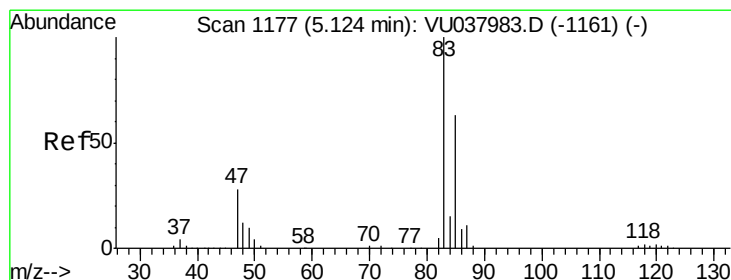
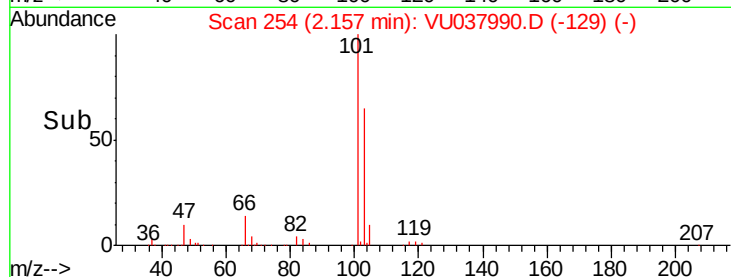
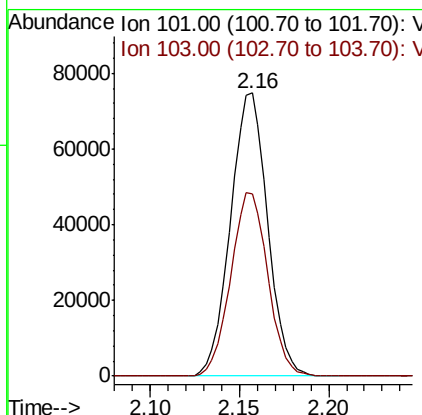
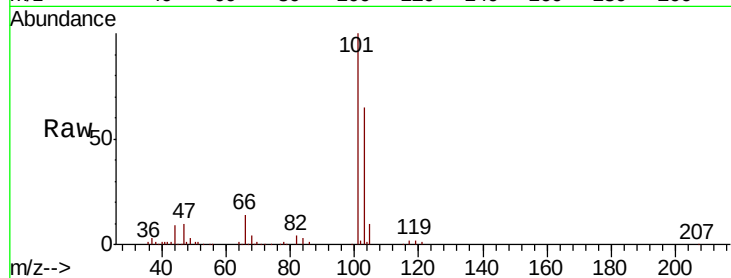


#9

Trichlorofluoromethane
 Concen: 14.989 ug/L
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU037990.D
 Acq: 01 May 2020 15:30

Instrument :
 MSVOA_U
 ClientSampleId :

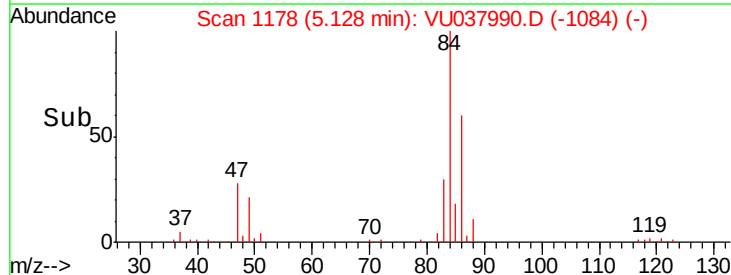
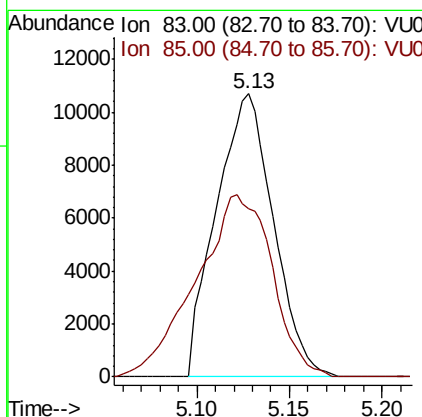
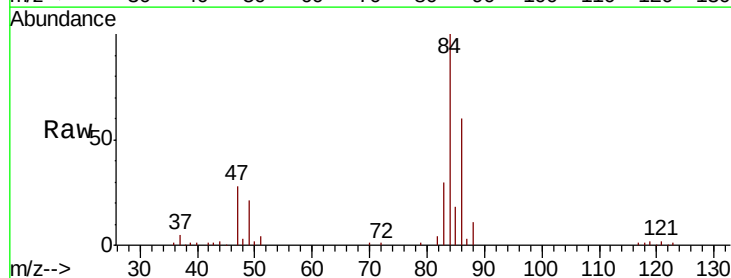
Tot Ion:101 Resp: 108481
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0

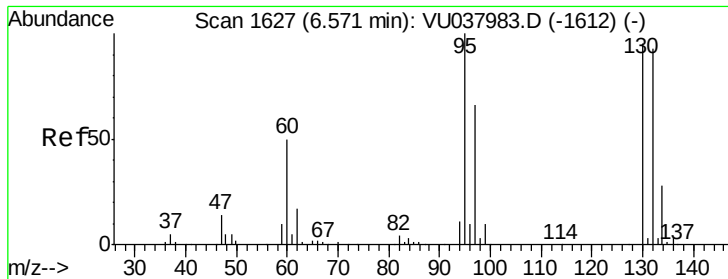


#25

Chloroform
 Concen: 2.441 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VU037990.D
 Acq: 01 May 2020 15:30

Tgt Ion: 83 Resp: 22937
 Ion Ratio Lower Upper
 83 100
 85 59.6 45.0 83.6

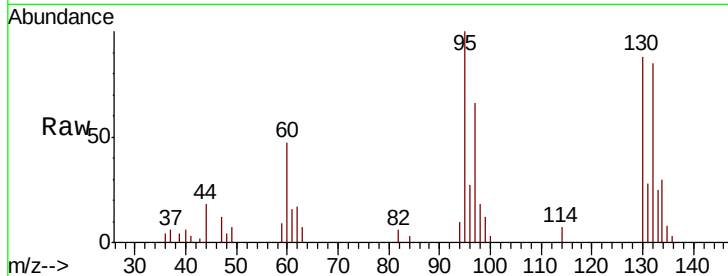




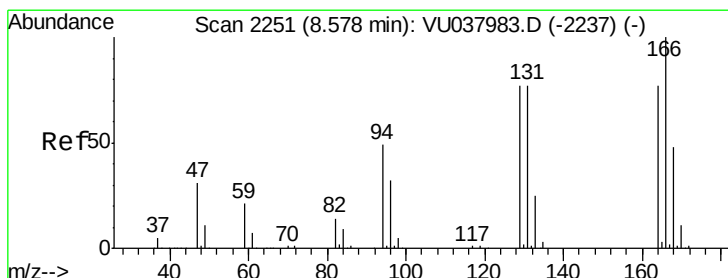
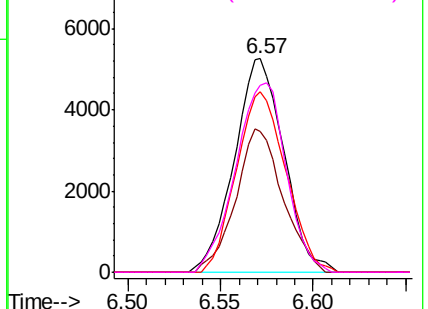
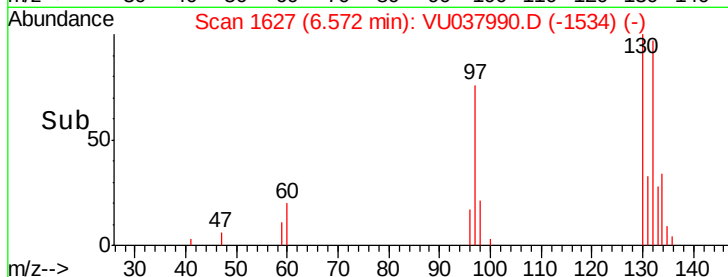
#34
 Trichloroethene
 Concen: 1.887 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037990.D
 Acq: 01 May 2020 15:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 9746
 Ion Ratio Lower Upper
 95 100
 97 66.2 44.9 83.5
 132 84.7 63.2 117.4
 130 87.6 65.9 122.3

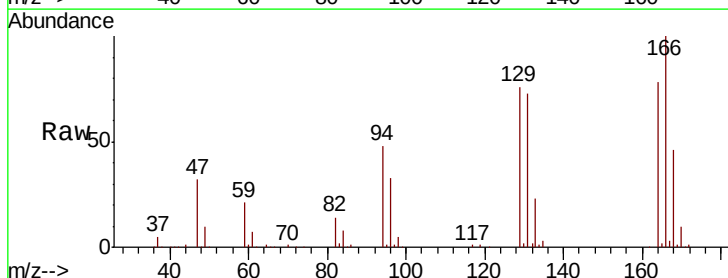


Abundance Ion 95.00 (94.70 to 95.70): VU037990.D (-1534) (-)
 Ion 97.00 (96.70 to 97.70): VU037990.D (-1534) (-)
 Ion 132.00 (131.70 to 132.70): VU037990.D (-1534) (-)
 Ion 130.00 (129.70 to 130.70): VU037990.D (-1534) (-)

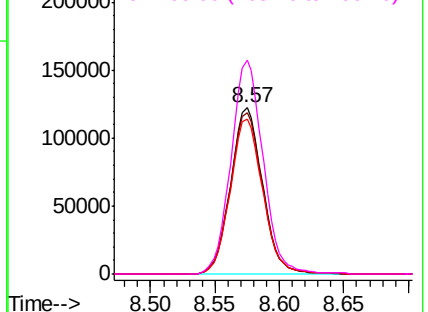
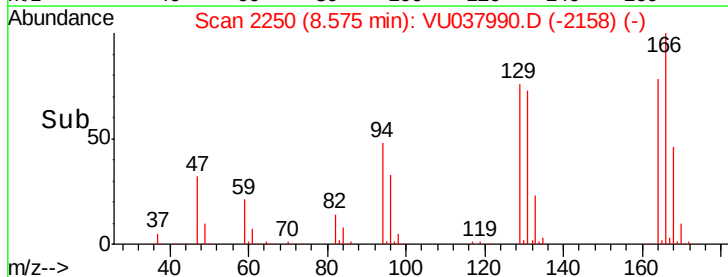


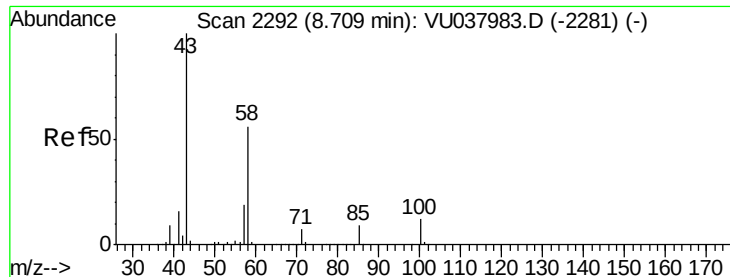
#46
 Tetrachloroethene
 Concen: 55.912 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037990.D
 Acq: 01 May 2020 15:30

Tgt Ion: 164 Resp: 210868
 Ion Ratio Lower Upper
 164 100
 129 97.1 68.4 127.0
 131 93.6 65.7 122.1
 166 128.6 86.7 161.1



Abundance Ion 164.00 (163.70 to 164.70): VU037990.D (-2158) (-)
 Ion 129.00 (128.70 to 129.70): VU037990.D (-2158) (-)
 Ion 131.00 (130.70 to 131.70): VU037990.D (-2158) (-)
 Ion 166.00 (165.70 to 166.70): VU037990.D (-2158) (-)

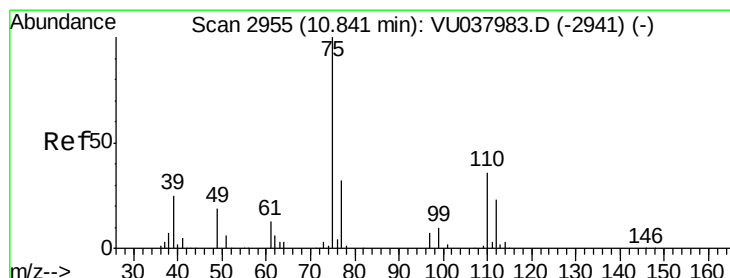
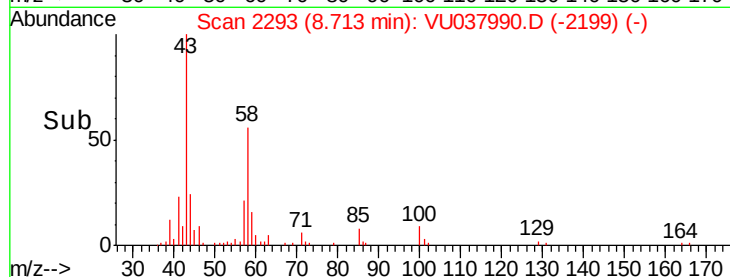
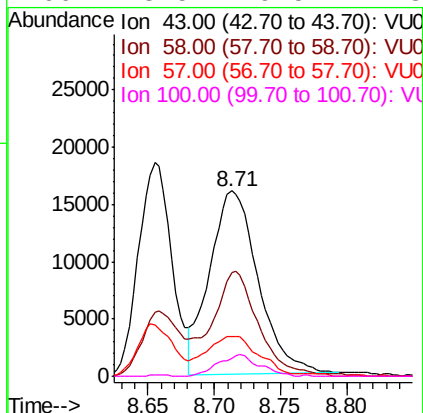
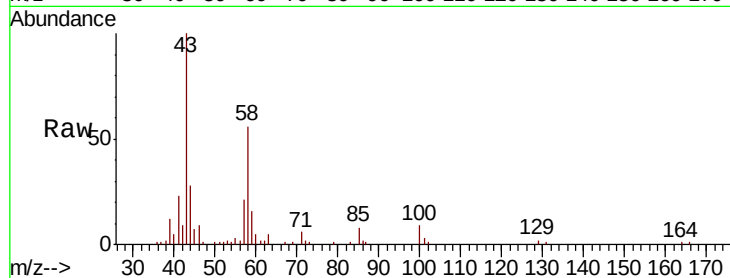




#48
 2-Hexanone
 Concen: 5.355 ug/L
 RT: 8.71 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VU037990.D
 Acq: 01 May 2020 15:30

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	43	Resp:	40724
Ion	Ratio	Lower	Upper
43	100		
58	50.0	46.4	69.6
57	23.7	16.4	24.6
100	8.5	9.5	14.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.212 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037990.D
 Acq: 01 May 2020 15:30

Tgt Ion:	75	Resp:	41161
Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.4	38.2

