

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050120\
 Data File : VU037985.D
 Acq On : 01 May 2020 13:37
 Operator : JC/MD
 Sample : L2410-04DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 02 00:11:42 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	697629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	682293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	308800	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	264477	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	228228	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.44%
11) 1,1-Dichloroethene-d2	2.59	63	329500	32.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.66%
21) 2-Butanone-d5	4.66	46	365035	76.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.11%
24) Chloroform-d	5.10	84	376571	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.26%
26) 1,2-Dichloroethane-d4	5.74	65	296146	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
32) Benzene-d6	5.76	84	916547	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
36) 1,2-Dichloropropane-d6	6.72	67	304542	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.34%
41) Toluene-d8	7.92	98	832385	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	8.20	79	137134	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.65	63	277397	95.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	412777	42.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	291562	45.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.32%

Target Compounds

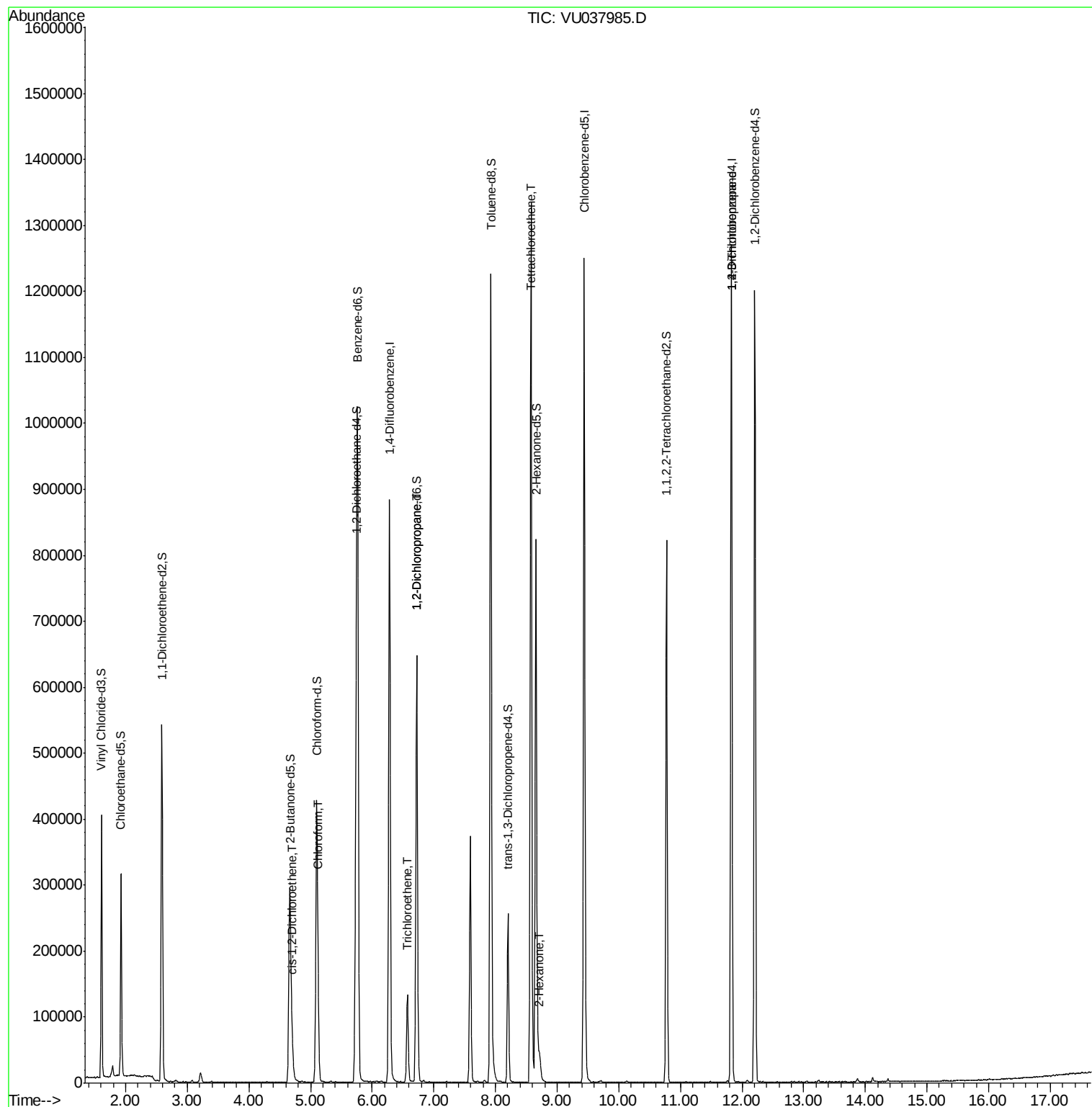
					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	12376	2.269 ug/L	96
25) Chloroform	5.13	83	46484	4.928 ug/L	99
34) Trichloroethene	6.57	95	43863	8.481 ug/L	98
37) 1,2-Dichloropropane	6.72	63	32092	5.628 ug/L #	88
46) Tetrachloroethene	8.58	164	292137	77.363 ug/L	98
48) 2-Hexanone	8.72	43	30515	4.008 ug/L	95
59) 1,2,3-Trichloropropane	11.83	75	44026	5.568 ug/L	94

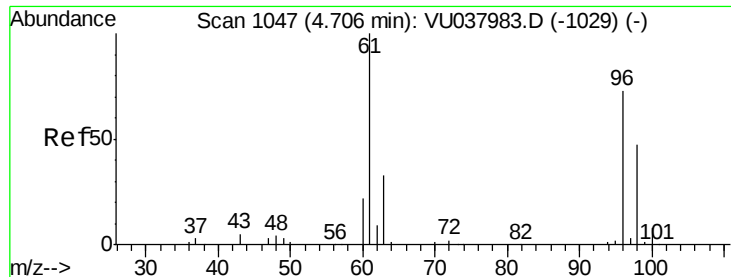
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 02 00:09:57 2020
Response via : Initial Calibration

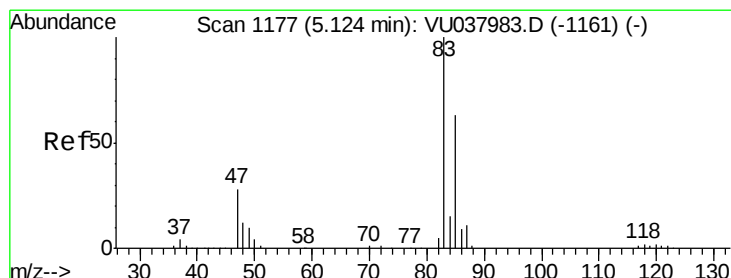
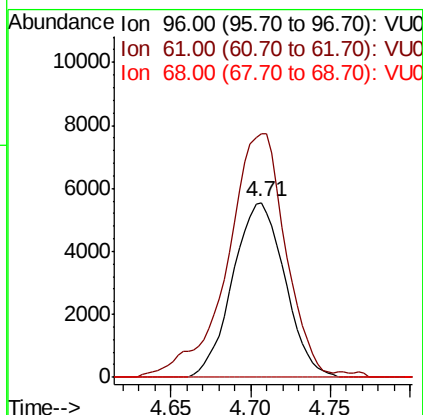
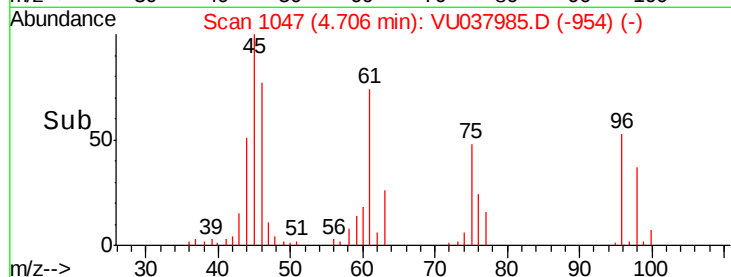
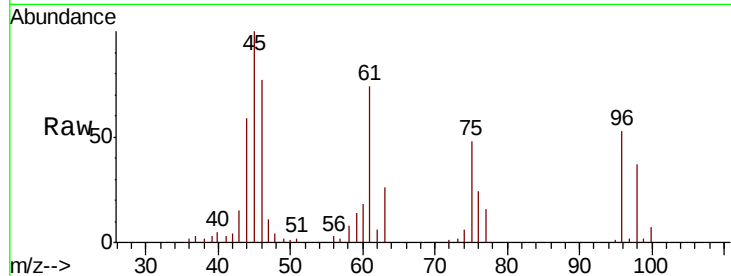




#20
 cis-1,2-Dichloroethene
 Concen: 2.269 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037985.D
 Acq: 01 May 2020 13:37

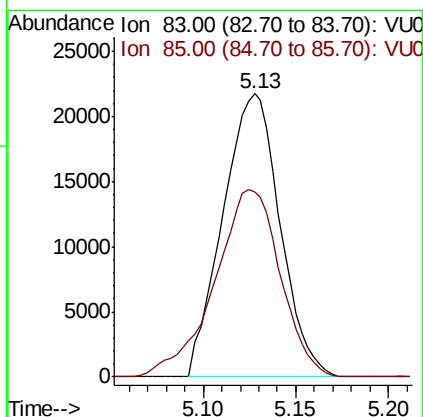
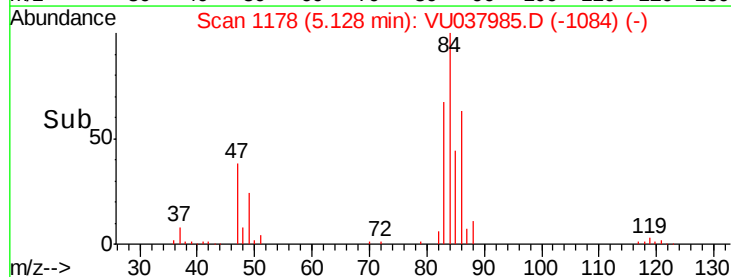
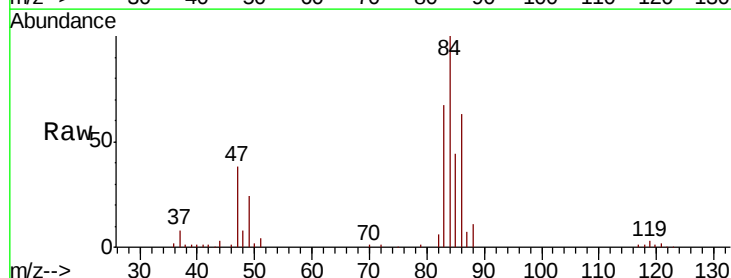
Instrument :
 MSVOA_U
 ClientSampleId :

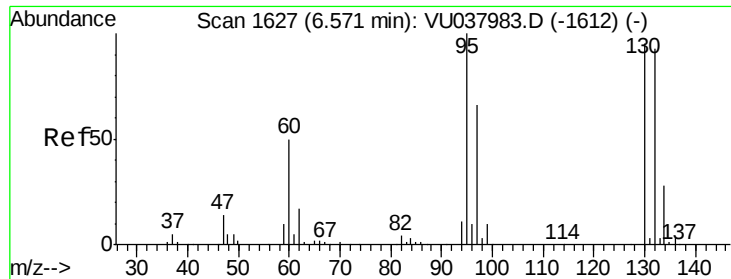
Tot Ion: 96 Resp: 12376
 Ion Ratio Lower Upper
 96 100
 61 139.1 93.9 174.3
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 4.928 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VU037985.D
 Acq: 01 May 2020 13:37

Tgt Ion: 83 Resp: 46484
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.0 83.6

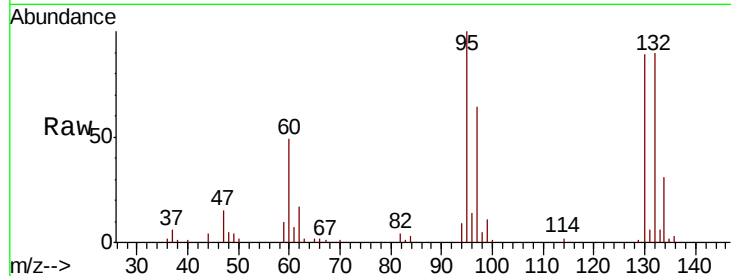




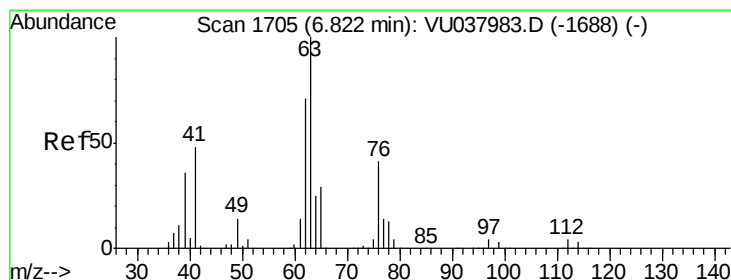
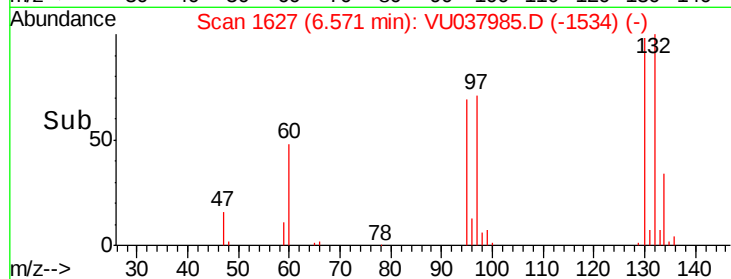
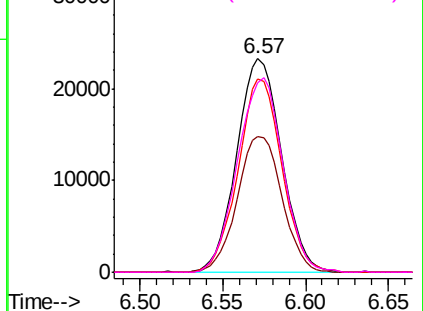
#34
 Trichloroethene
 Concen: 8.481 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037985.D
 Acq: 01 May 2020 13:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 43863
 Ion Ratio Lower Upper
 95 100
 97 63.8 44.9 83.5
 132 90.3 63.2 117.4
 130 88.8 65.9 122.3

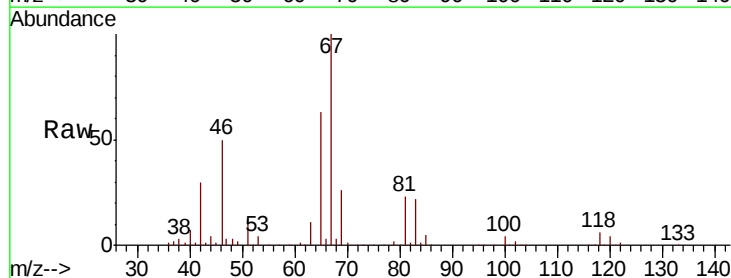


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

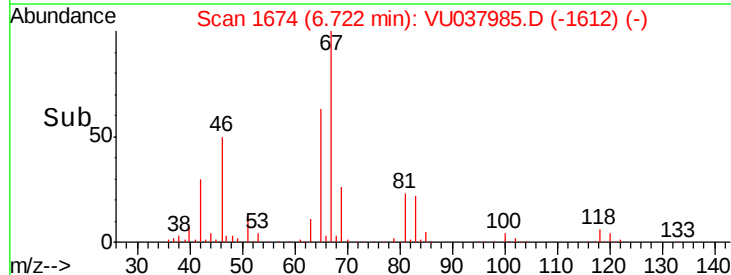
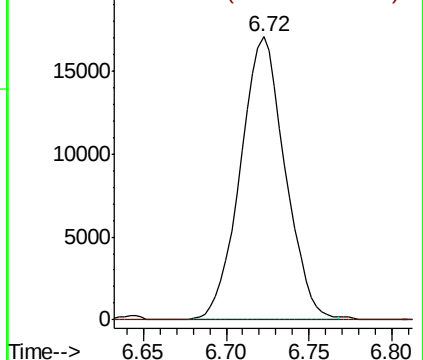


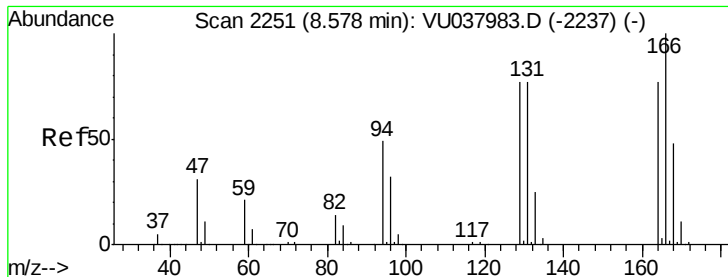
#37
 1,2-Dichloropropane
 Concen: 5.628 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037985.D
 Acq: 01 May 2020 13:37

Tgt Ion: 63 Resp: 32092
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

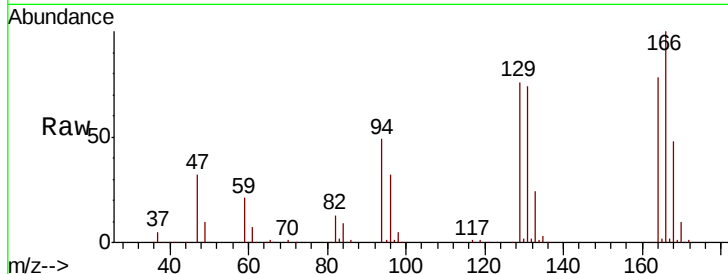




#46
Tetrachloroethene
Concen: 77.363 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU037985.D
Acq: 01 May 2020 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164	Resp:	292137
Ion	Ratio	Lower Upper
164	100	
129	98.2	68.4 127.0
131	95.1	65.7 122.1
166	128.9	86.7 161.1



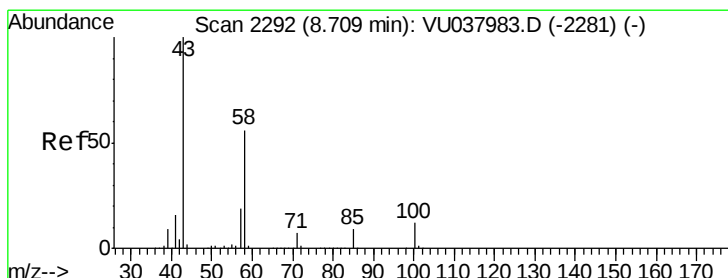
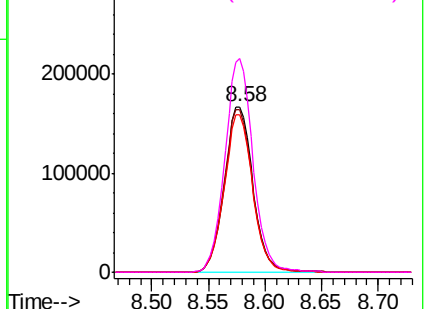
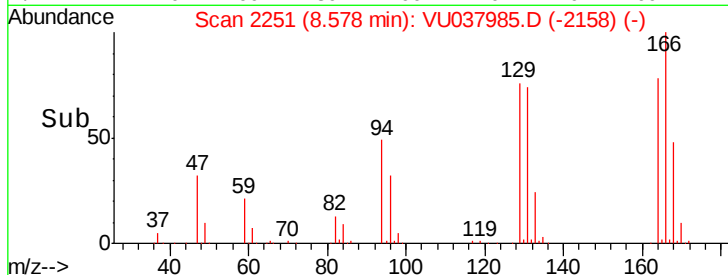
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

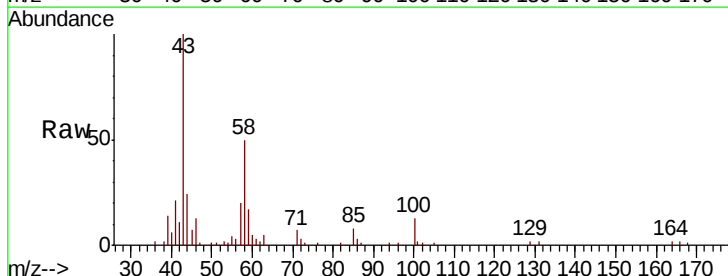
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 4.008 ug/L
RT: 8.72 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VU037985.D
Acq: 01 May 2020 13:37

Tgt Ion: 43	Resp:	30515
Ion	Ratio	Lower Upper
43	100	
58	53.3	46.4 69.6
57	20.4	16.4 24.6
100	10.8	9.5 14.3



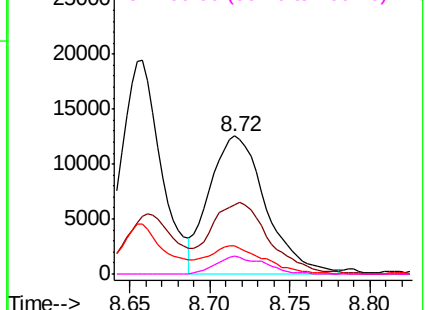
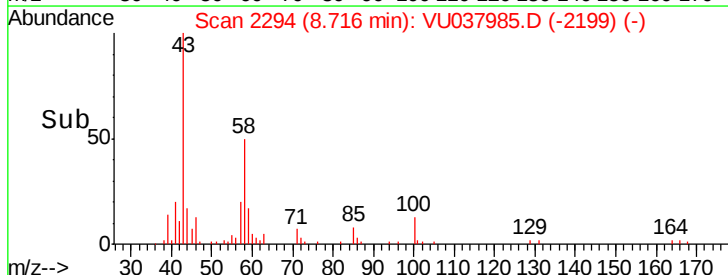
Abundance

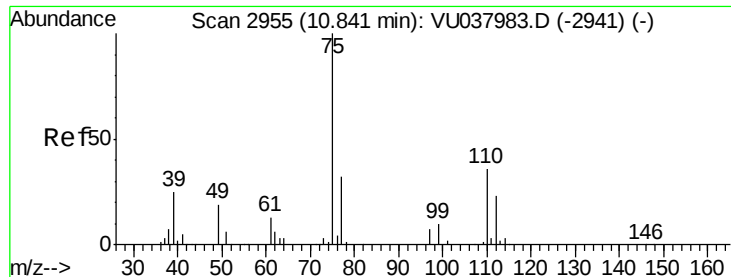
Ion 43.00 (42.70 to 43.70): VU0

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: 5.568 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037985.D

Acq: 01 May 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 44026

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.2

