

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037937.D
 Acq On : 30 Apr 2020 01:41
 Operator : JC/MD
 Sample : L2410-12
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 04:13:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	680591	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	674182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	314032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	252177	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.82%
7) Chloroethane-d5	1.93	69	218321	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.74%
11) 1,1-Dichloroethene-d2	2.59	63	329532	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.48%
21) 2-Butanone-d5	4.66	46	388241	82.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.40%
24) Chloroform-d	5.10	84	411561	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	5.74	65	298093	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.76	84	917276	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.72	67	302652	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.92	98	836766	47.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.50%
43) trans-1,3-Dichloropropene-	8.20	79	137850	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.00%
47) 2-Hexanone-d5	8.65	63	261023	75.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.19%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411532	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	12.20	152	302528	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%

Target Compounds

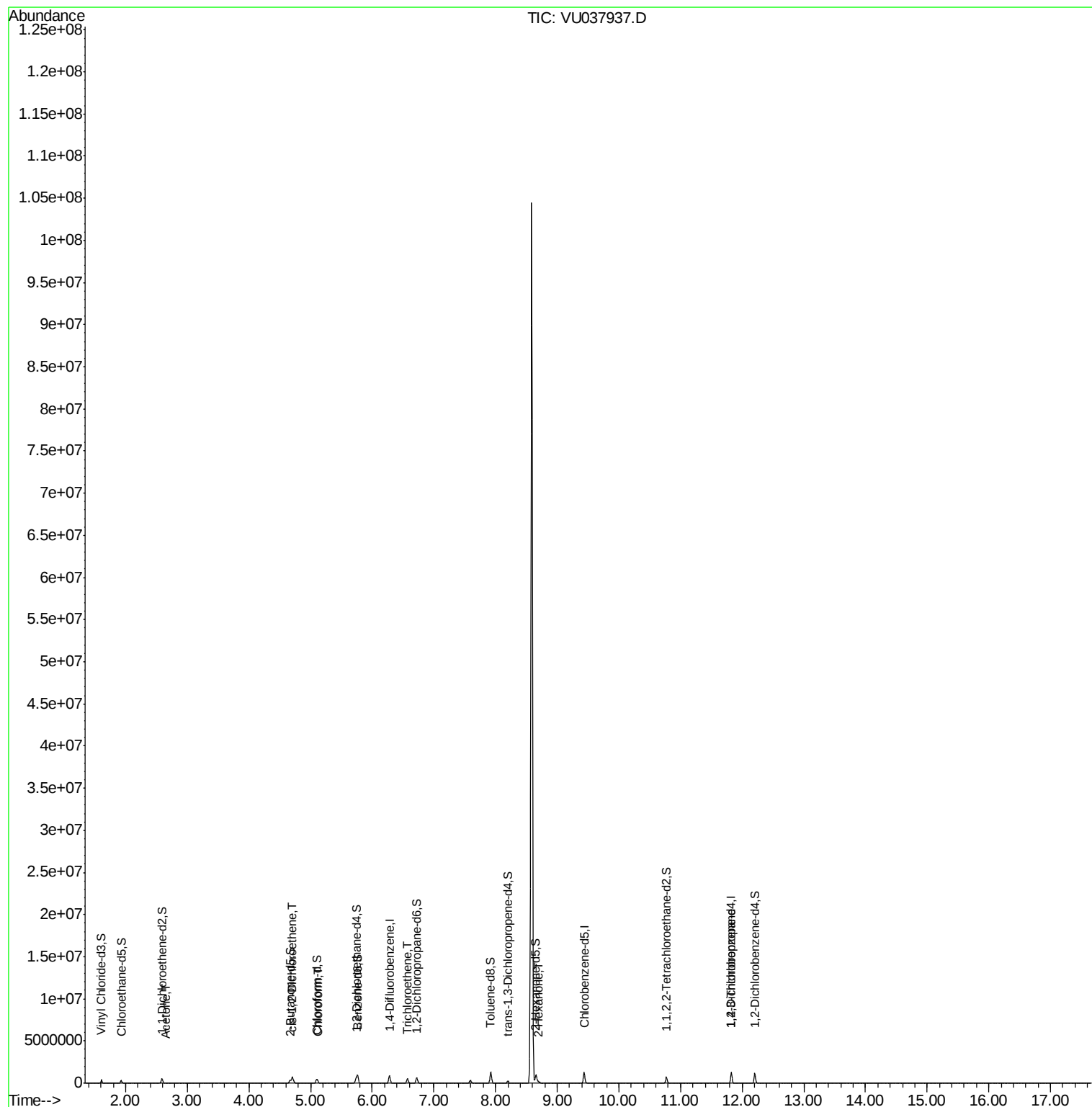
					Ovalue
13) Acetone	2.65	43	9119	3.244	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	361759	71.516	ug/L 94
25) Chloroform	5.13	83	36897	4.234	ug/L 98
34) Trichloroethene	6.57	95	167306	33.333	ug/L 98
48) 2-Hexanone	8.71	43	23988	3.121	ug/L # 81
59) 1,2,3-Trichloropropane	11.82	75	42822	5.704	ug/L 91

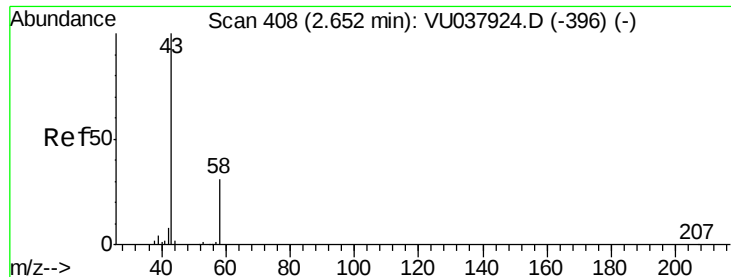
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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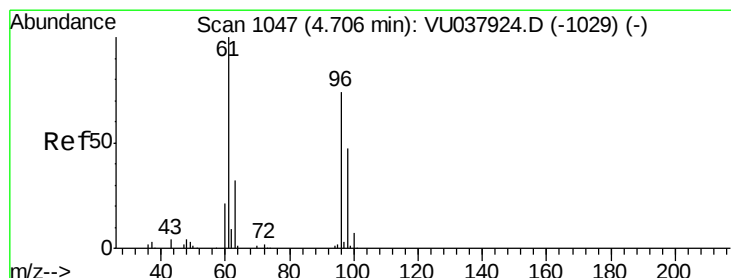
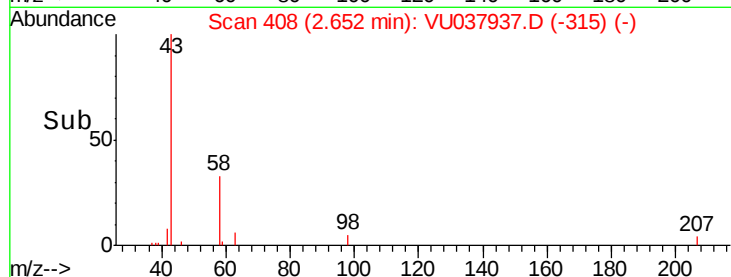
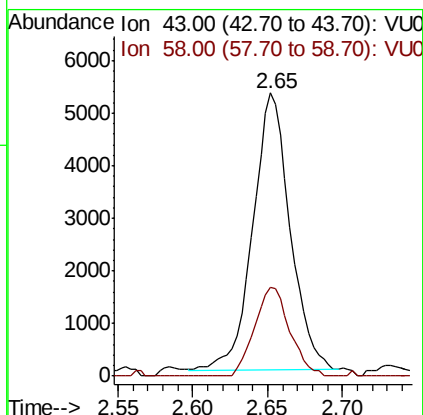
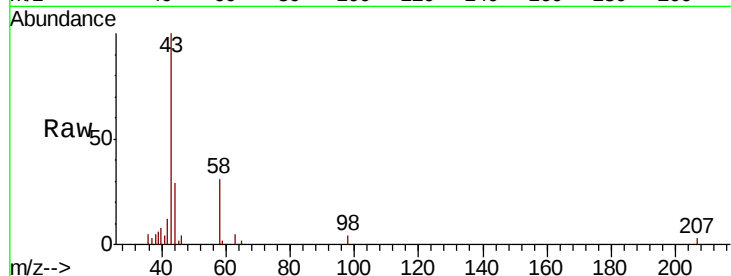




#13
Acetone
Concen: 3.244 ug/L
RT: 2.65 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU037937.D
Acq: 30 Apr 2020 01:41

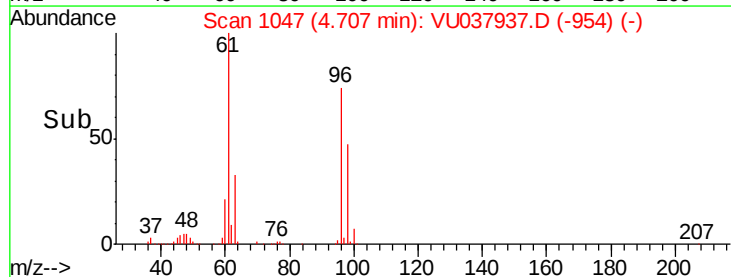
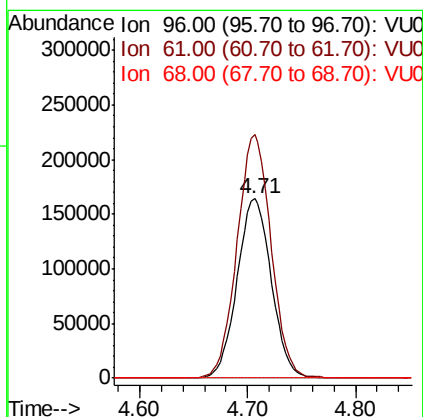
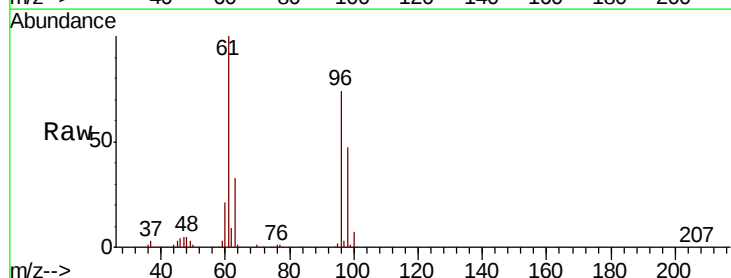
Instrument :
MSVOA_U
ClientSampleId :

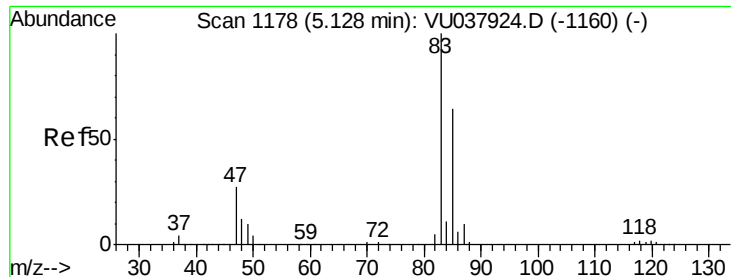
Tot Ion: 43 Resp: 9119
Ion Ratio Lower Upper
43 100
58 30.2 0.0 62.0



#20
cis-1,2-Dichloroethene
Concen: 71.516 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU037937.D
Acq: 30 Apr 2020 01:41

Tgt Ion: 96 Resp: 361759
Ion Ratio Lower Upper
96 100
61 135.9 100.4 186.4
68 0.0 0.0 0.0

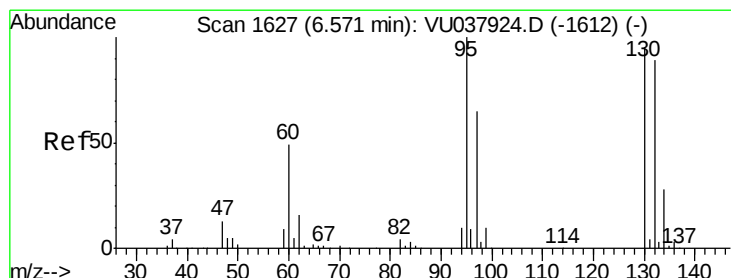
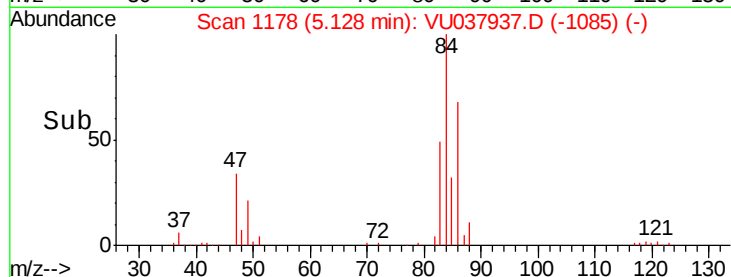
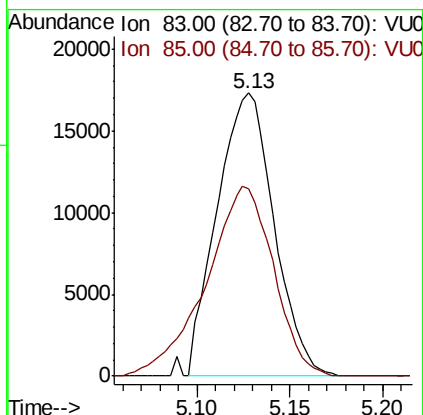
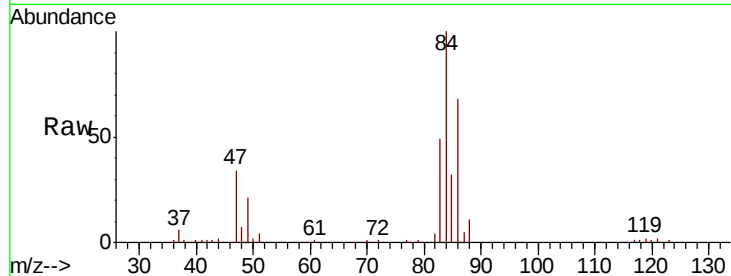




#25
Chloroform
Concen: 4.234 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037937.D
Acq: 30 Apr 2020 01:41

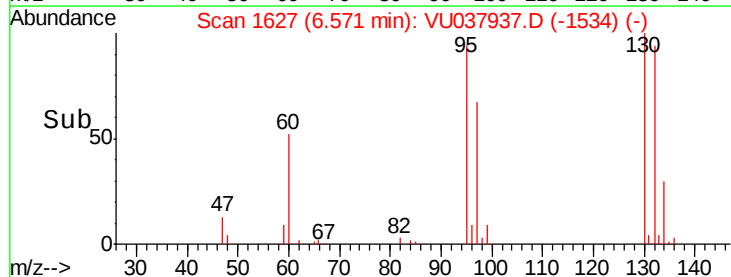
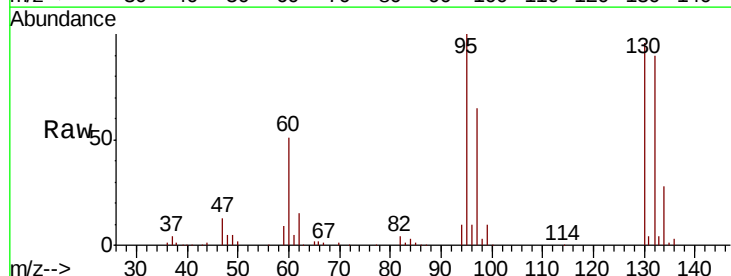
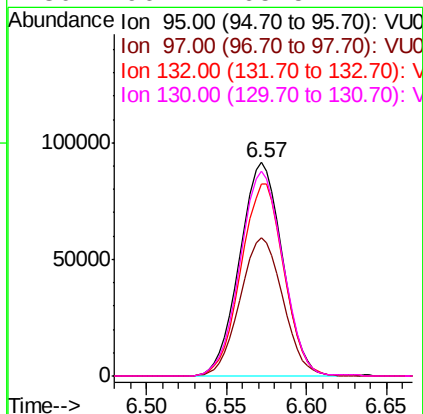
Instrument :
MSVOA_U
ClientSampleId :

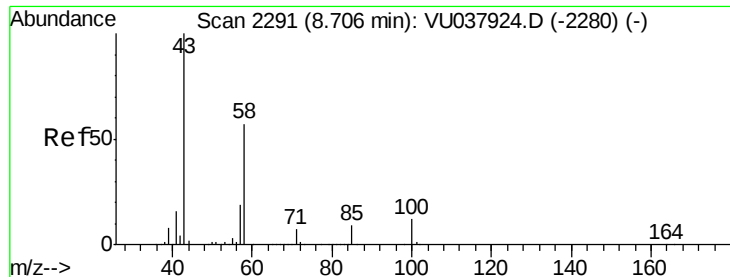
Tot Ion: 83 Resp: 36897
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.9



#34
Trichloroethene
Concen: 33.333 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037937.D
Acq: 30 Apr 2020 01:41

Tgt Ion: 95 Resp: 167306
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.5
132 89.9 65.0 120.6
130 96.1 65.5 121.7

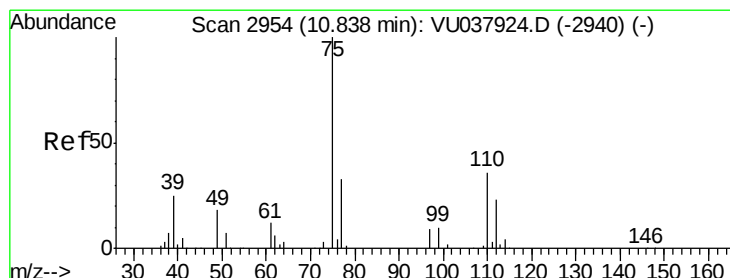
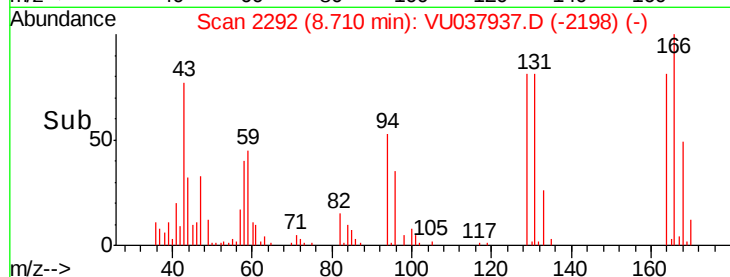
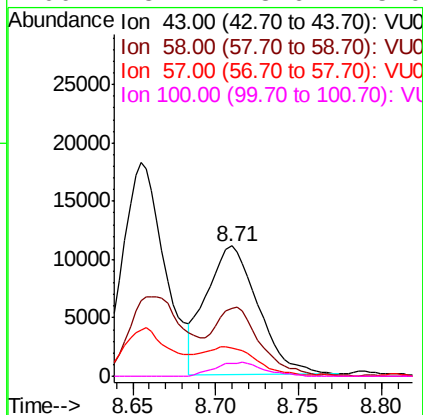
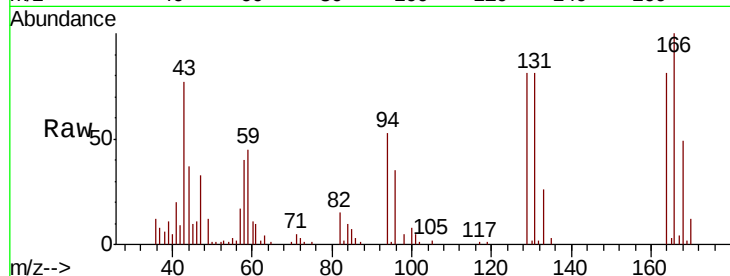




#48
 2-Hexanone
 Concen: 3.121 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU037937.D
 Acq: 30 Apr 2020 01:41

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 23988
 Ion Ratio Lower Upper
 43 100
 58 44.4 42.6 63.8
 57 0.0 14.6 22.0#
 100 5.1 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.704 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU037937.D
 Acq: 30 Apr 2020 01:41

Tgt Ion: 75 Resp: 42822
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.8 38.6

