

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037930.D
 Acq On : 29 Apr 2020 23:02
 Operator : JC/MD
 Sample : L2410-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF3

Quant Time: Apr 30 05:55:36 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	651879	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	622717	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	268619	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	253495	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.02%
7) Chloroethane-d5	1.93	69	218363	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.94%
11) 1,1-Dichloroethene-d2	2.59	63	317380	34.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.86%
21) 2-Butanone-d5	4.66	46	410037	90.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.86%
24) Chloroform-d	5.10	84	414774	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
26) 1,2-Dichloroethane-d4	5.74	65	294997	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
32) Benzene-d6	5.76	84	896452	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
36) 1,2-Dichloropropane-d6	6.72	67	300100	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.90%
41) Toluene-d8	7.92	98	789020	48.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.50%
43) trans-1,3-Dichloropropene-	8.20	79	110942	36.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.20%
47) 2-Hexanone-d5	8.65	63	260460	81.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	416969	50.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.76%
64) 1,2-Dichlorobenzene-d4	12.20	152	270696	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

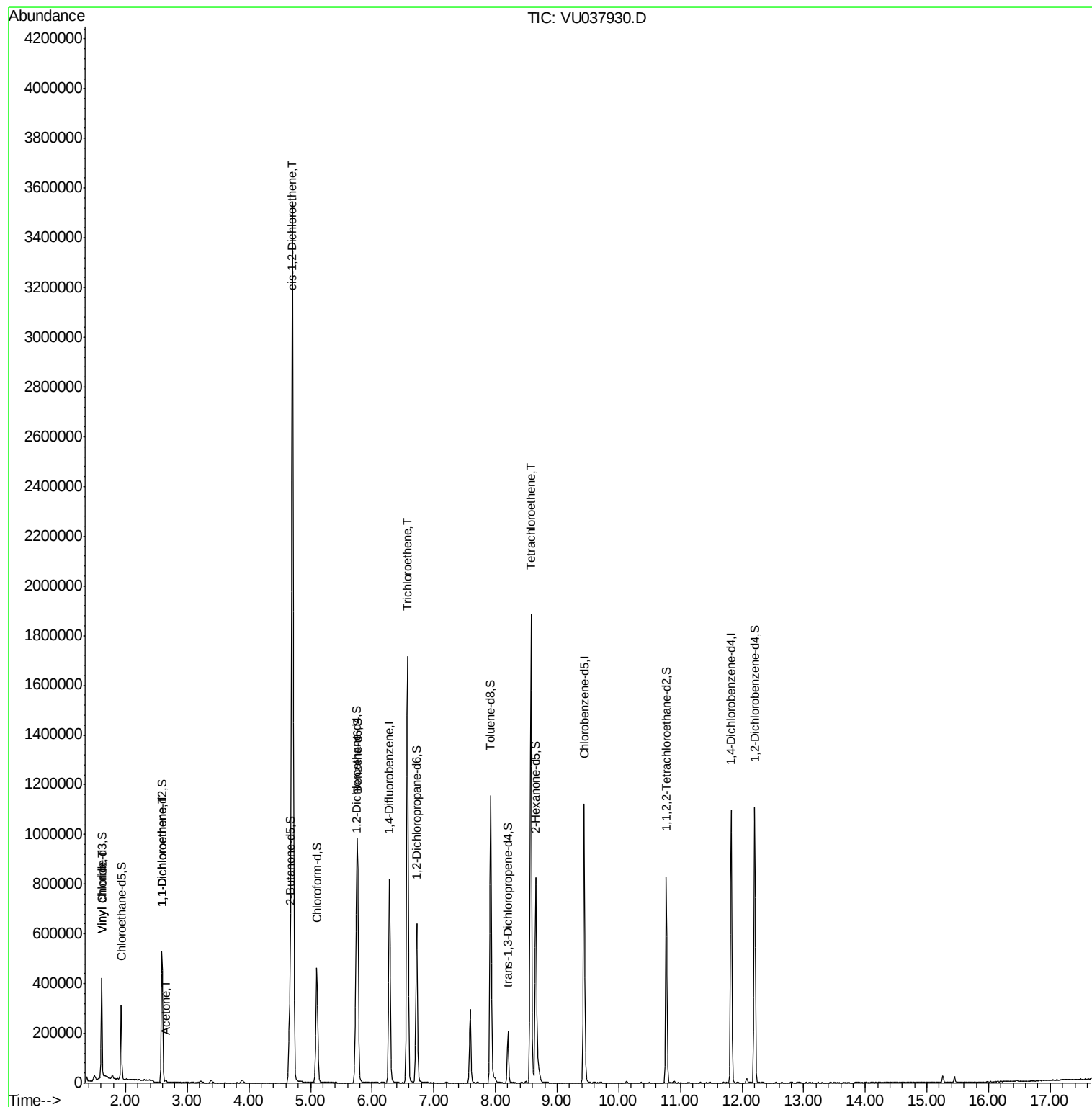
					Ovalue
5) Vinyl chloride	1.62	62	7479	1.156 ug/L #	1
12) 1,1-Dichloroethene	2.60	96	5418	1.369 ug/L #	1
13) Acetone	2.65	43	11058	4.107 ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	1755465	362.321 ug/L	94
34) Trichloroethene	6.57	95	584838	126.148 ug/L	99
46) Tetrachloroethene	8.57	164	411812	121.527 ug/L	99

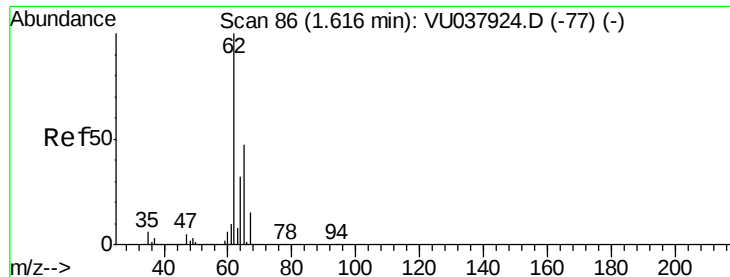
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.156 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037930.D

Acq: 29 Apr 2020 23:02

Instrument :

MSVOA_U

ClientSampled :

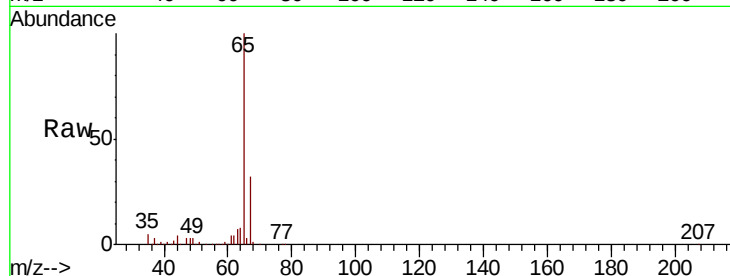
DBEF3

Tot Ion: 62 Resp: 7479

Ion Ratio Lower Upper

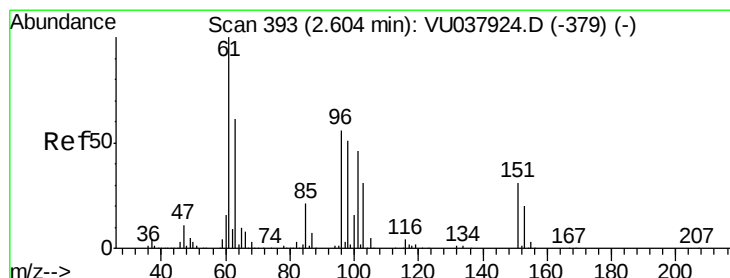
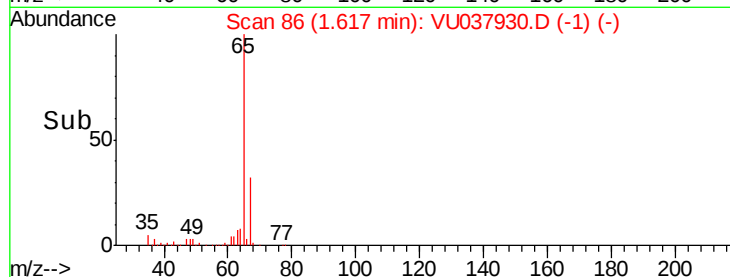
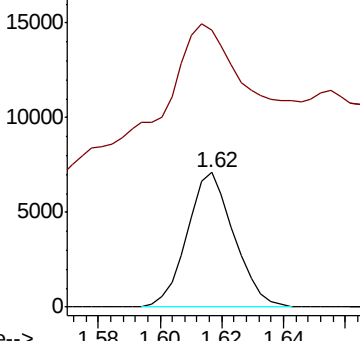
62 100

64 206.4 23.2 43.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 1.369 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037930.D

Acq: 29 Apr 2020 23:02

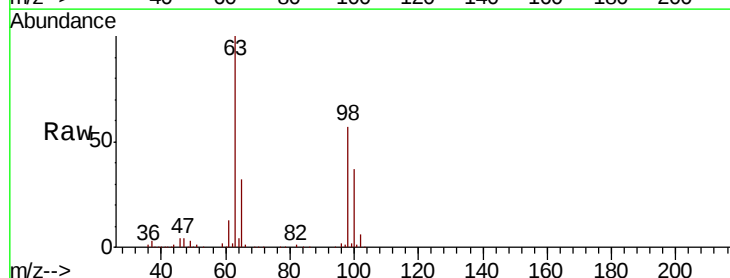
Tgt Ion: 96 Resp: 5418

Ion Ratio Lower Upper

96 100

61 751.7 134.1 249.0#

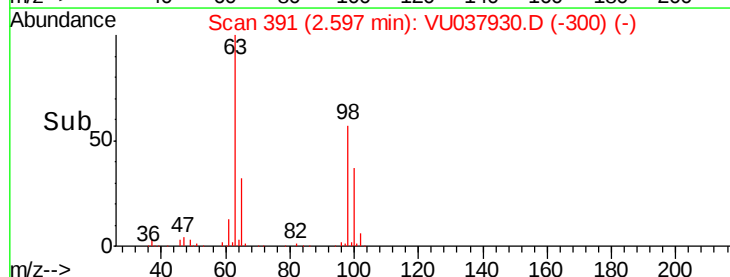
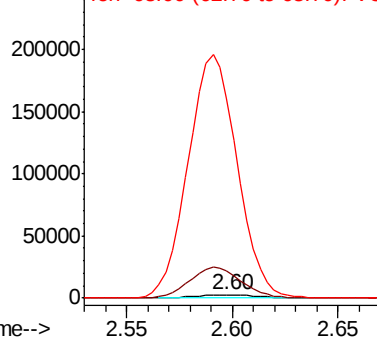
63 5629.6 96.5 179.1#

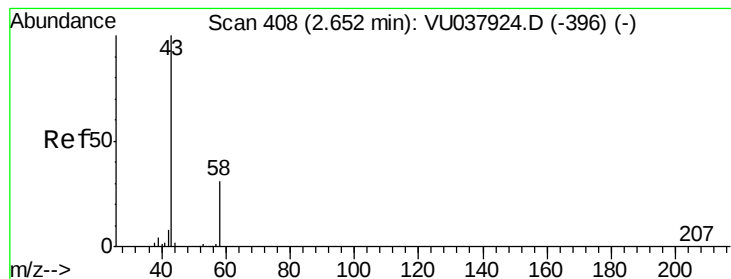


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.107 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037930.D

Acq: 29 Apr 2020 23:02

Instrument :

MSVOA_U

ClientSampleId :

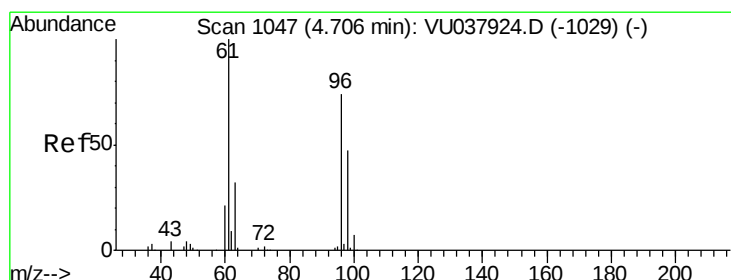
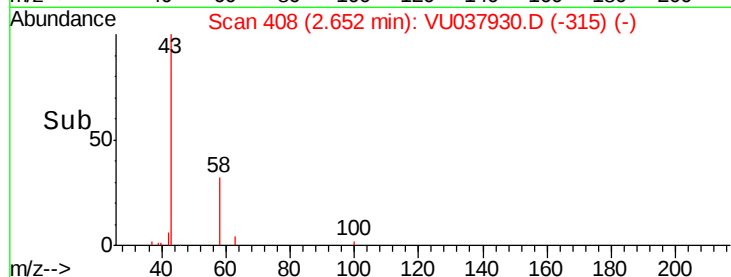
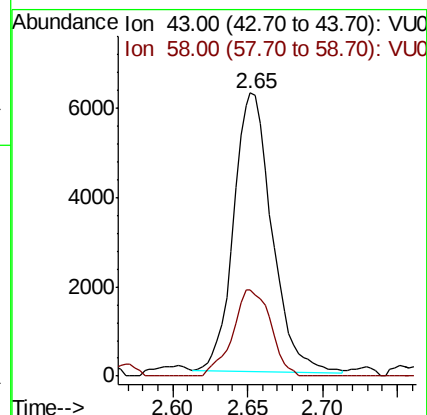
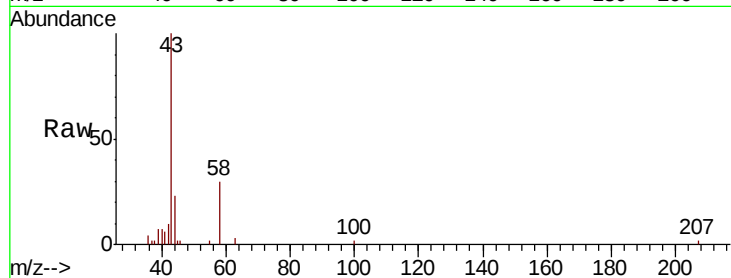
DBEF3

Tot Ion: 43 Resp: 11058

Ion Ratio Lower Upper

43 100

58 30.8 0.0 62.0



#20

cis-1,2-Dichloroethene

Concen: 362.321 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037930.D

Acq: 29 Apr 2020 23:02

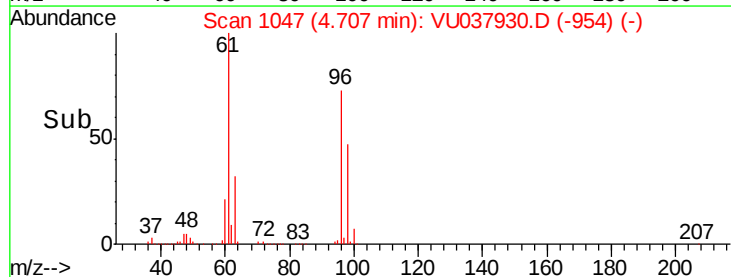
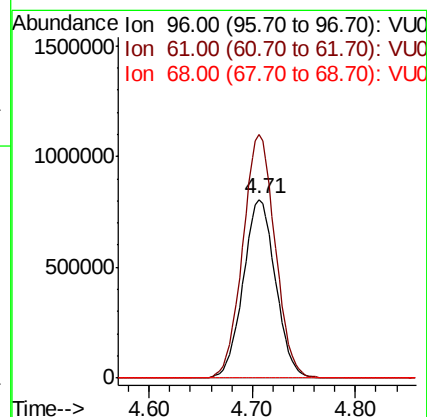
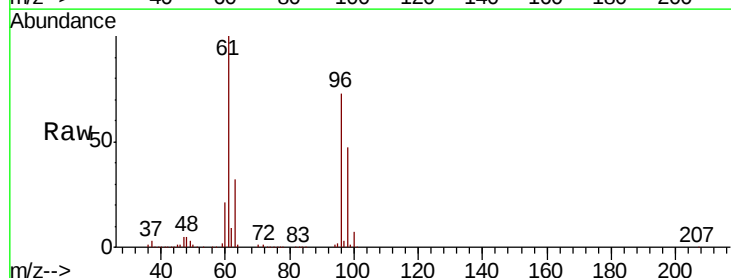
Tgt Ion: 96 Resp: 1755465

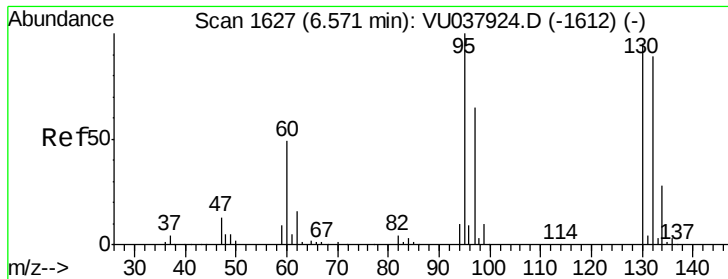
Ion Ratio Lower Upper

96 100

61 136.2 100.4 186.4

68 0.0 0.0 0.0

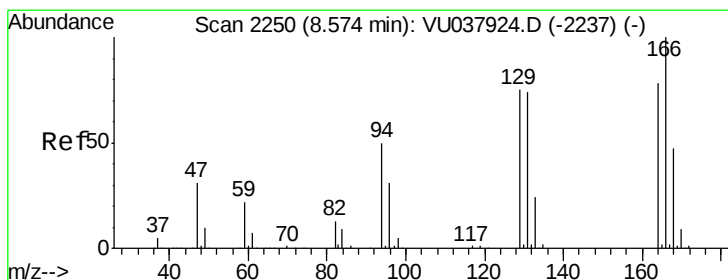
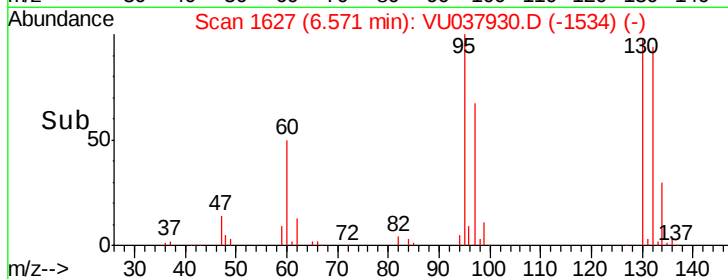
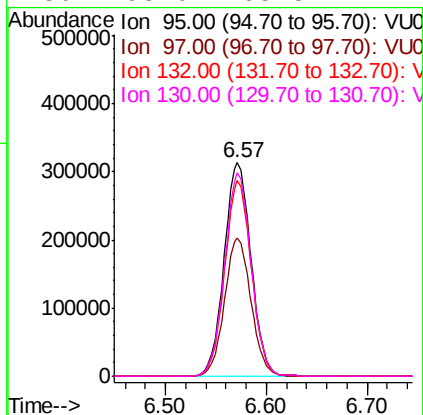
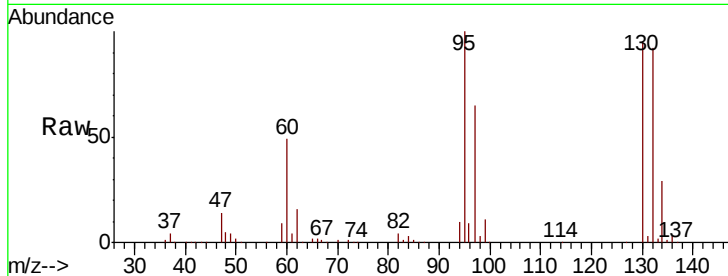




#34
 Trichloroethene
 Concen: 126.148 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037930.D
 Acq: 29 Apr 2020 23:02

Instrument :
 MSVOA_U
 ClientSampleID :
 DBEF3

Tot Ion:	95	Resp:	584838
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.4	82.5
132	91.6	65.0	120.6
130	95.0	65.5	121.7



#46
 Tetrachloroethene
 Concen: 121.527 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU037930.D
 Acq: 29 Apr 2020 23:02

Tgt Ion:	164	Resp:	411812
Ion	Ratio	Lower	Upper
164	100		
129	97.1	67.3	125.1
131	94.5	64.8	120.4
166	124.9	88.5	164.4

