

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037936.D
 Acq On : 30 Apr 2020 01:18
 Operator : JC/MD
 Sample : L2410-11
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 04:13:32 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	656269	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	636787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	293845	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	256285	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.38%
7) Chloroethane-d5	1.93	69	221373	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.62%
11) 1,1-Dichloroethene-d2	2.59	63	330007	35.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.12%
21) 2-Butanone-d5	4.66	46	400365	88.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.12%
24) Chloroform-d	5.10	84	417595	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
26) 1,2-Dichloroethane-d4	5.74	65	297826	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
32) Benzene-d6	5.76	84	917922	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
36) 1,2-Dichloropropane-d6	6.72	67	303034	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.62%
41) Toluene-d8	7.92	98	838774	50.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.36%
43) trans-1,3-Dichloropropene-	8.20	79	137034	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.40%
47) 2-Hexanone-d5	8.65	63	261785	79.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	412917	49.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.54%
64) 1,2-Dichlorobenzene-d4	12.20	152	294624	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

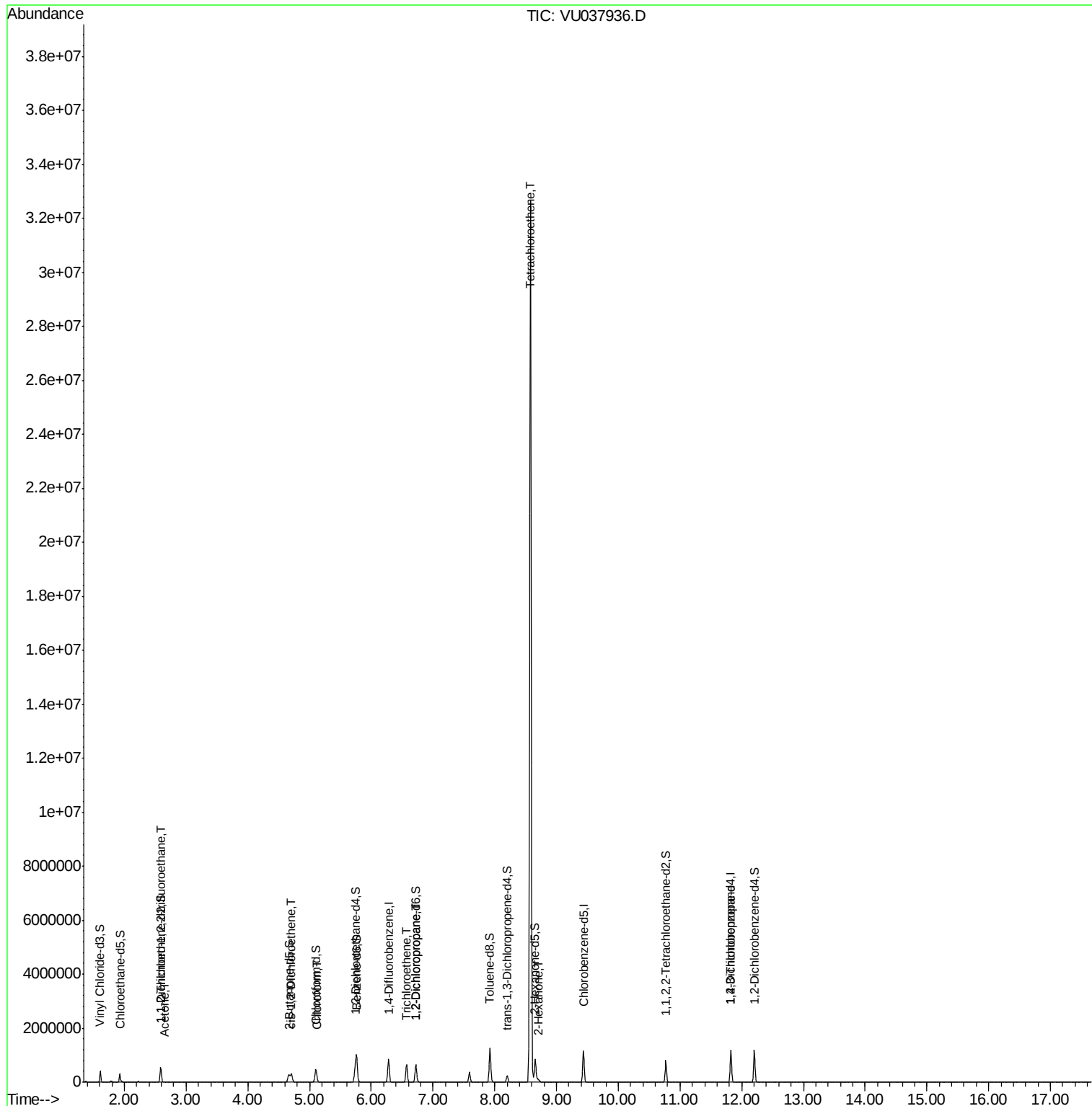
Target Compounds

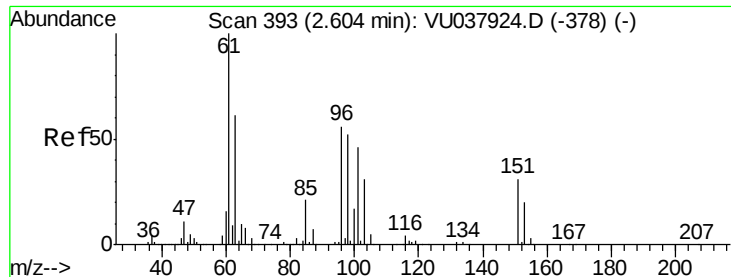
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2996	0.743 ug/L #	21
13) Acetone	2.65	43	8550	3.154 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	151797	31.121 ug/L	93
25) Chloroform	5.12	83	12934	1.539 ug/L	99
34) Trichloroethene	6.57	95	214658	45.278 ug/L	99
37) 1,2-Dichloropropane	6.72	63	31758	6.016 ug/L #	89
46) Tetrachloroethene	8.58	164	6860628	1979.862 ug/L	97
48) 2-Hexanone	8.71	43	28760	3.962 ug/L #	84
59) 1,2,3-Trichloropropane	11.83	75	40555	5.719 ug/L	93

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

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 30 04:13:32 2020
Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.743 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037936.D

Acq: 30 Apr 2020 01:18

Instrument :

MSVOA_U

ClientSampleId :

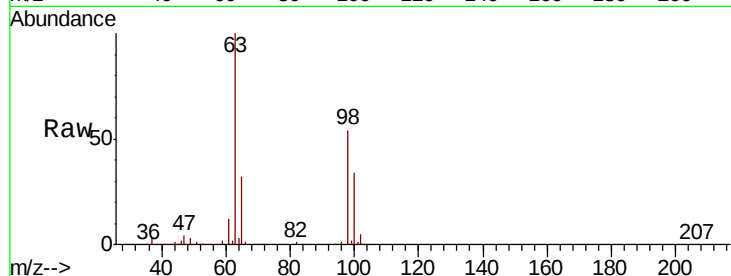
Tot Ion:101 Resp: 2996

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.4#

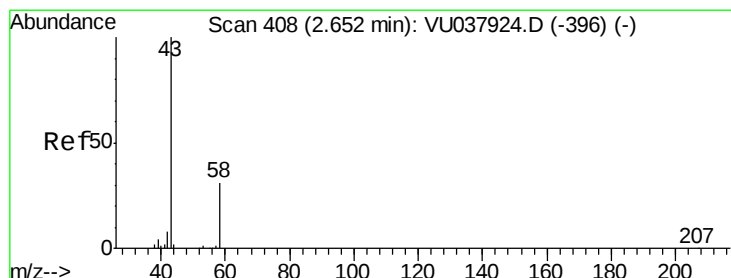
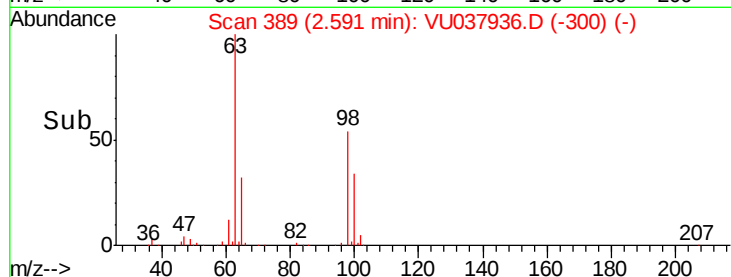
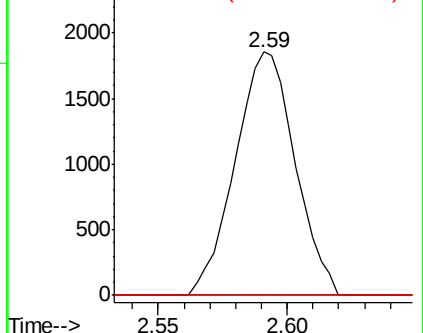
151 0.0 55.5 83.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.154 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037936.D

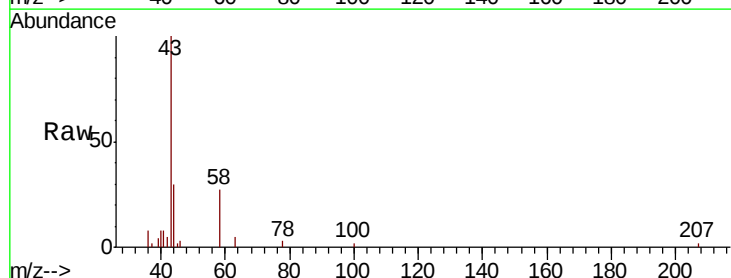
Acq: 30 Apr 2020 01:18

Tgt Ion: 43 Resp: 8550

Ion Ratio Lower Upper

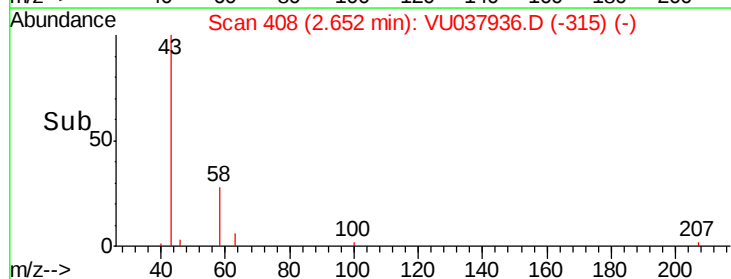
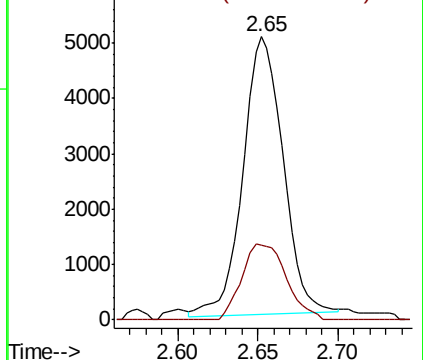
43 100

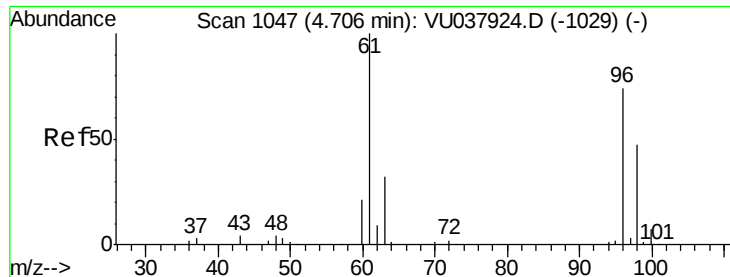
58 30.4 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

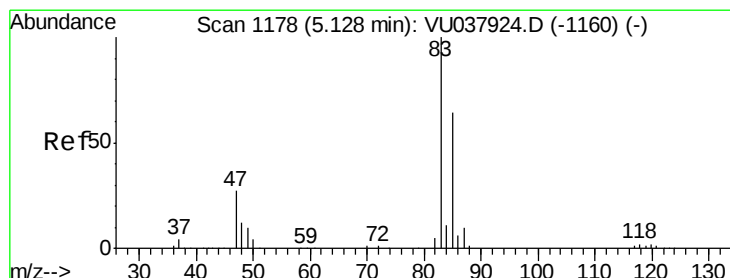
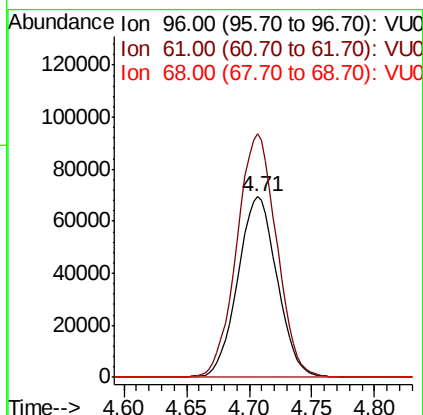
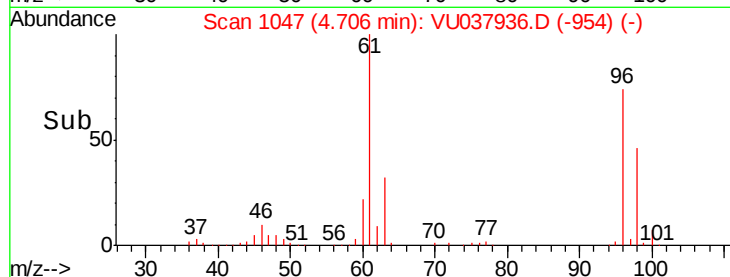
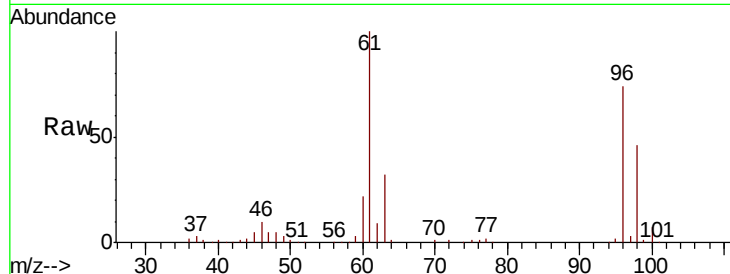




#20
 cis-1,2-Dichloroethene
 Concen: 31.121 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037936.D
 Acq: 30 Apr 2020 01:18

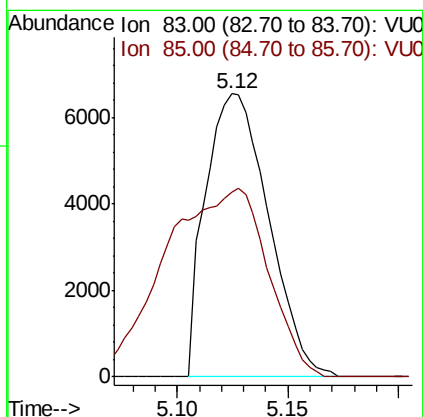
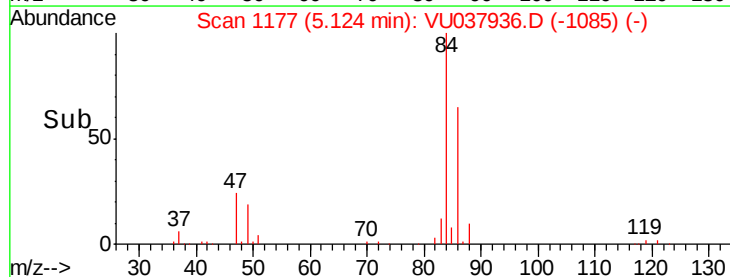
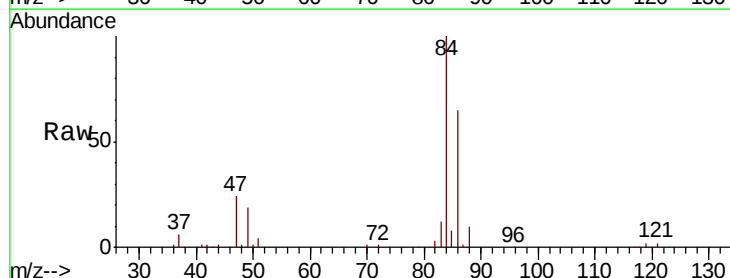
Instrument :
 MSVOA_U
 ClientSampleId :

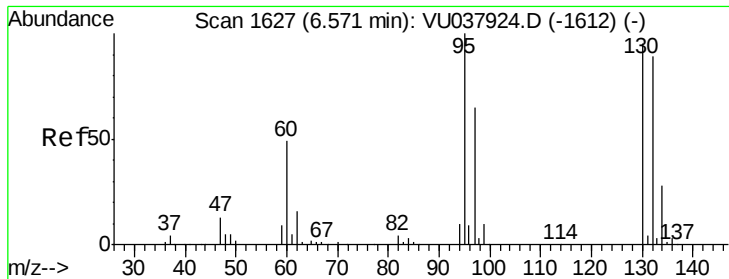
Tot Ion: 96 Resp: 151797
 Ion Ratio Lower Upper
 96 100
 61 134.7 100.4 186.4
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.539 ug/L
 RT: 5.12 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VU037936.D
 Acq: 30 Apr 2020 01:18

Tgt Ion: 83 Resp: 12934
 Ion Ratio Lower Upper
 83 100
 85 65.2 45.1 83.9

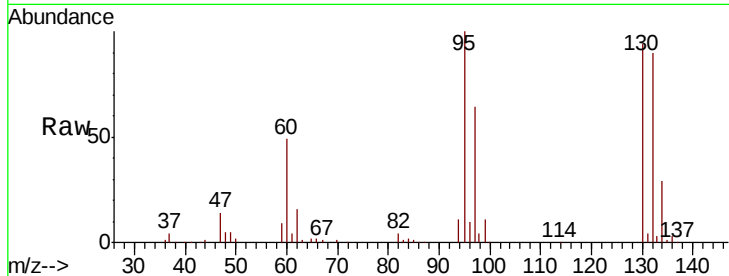




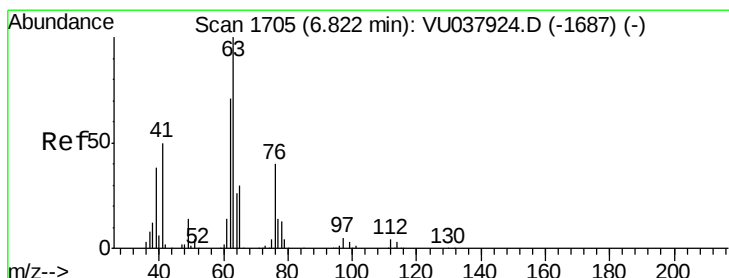
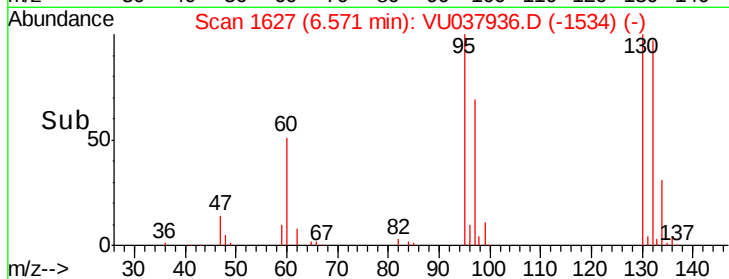
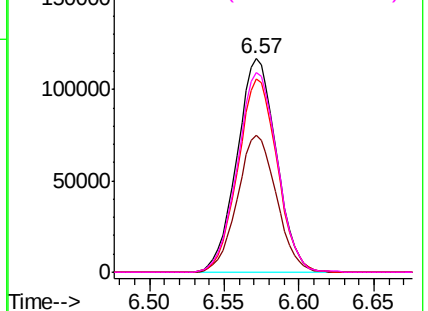
#34
 Trichloroethene
 Concen: 45.278 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037936.D
 Acq: 30 Apr 2020 01:18

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 214658
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.4 82.5
 132 90.3 65.0 120.6
 130 93.6 65.5 121.7

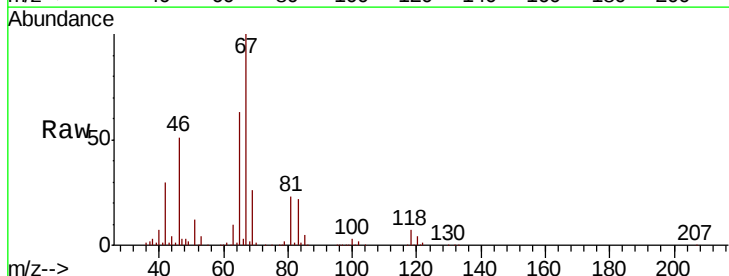


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

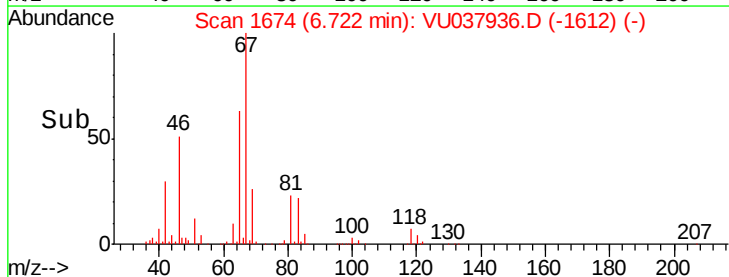
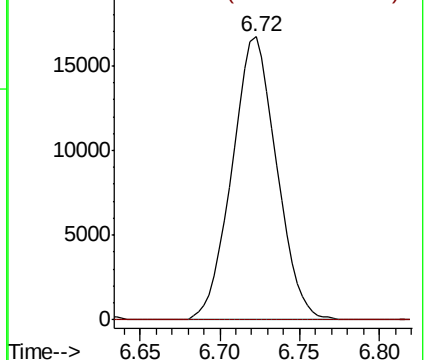


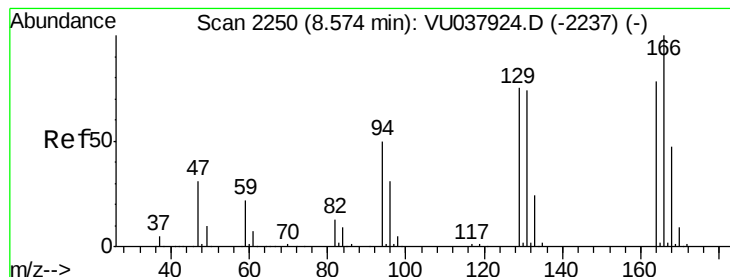
#37
 1,2-Dichloropropane
 Concen: 6.016 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037936.D
 Acq: 30 Apr 2020 01:18

Tgt Ion: 63 Resp: 31758
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



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





#46

Tetrachloroethene

Concen: 1979.862 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037936.D

Acq: 30 Apr 2020 01:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 6860628

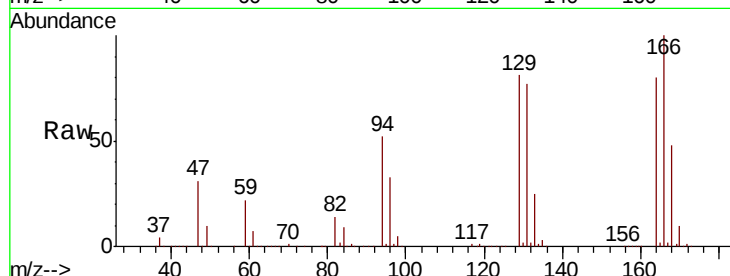
Ion Ratio Lower Upper

164 100

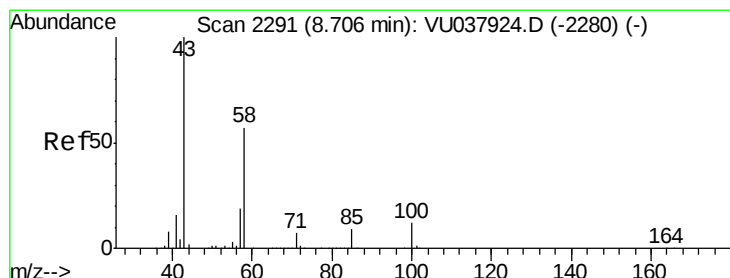
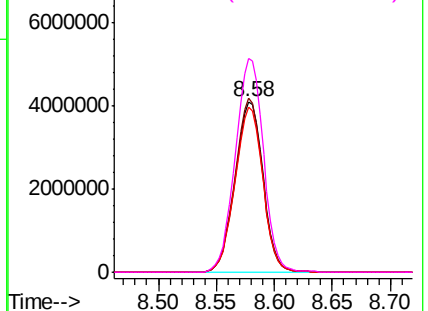
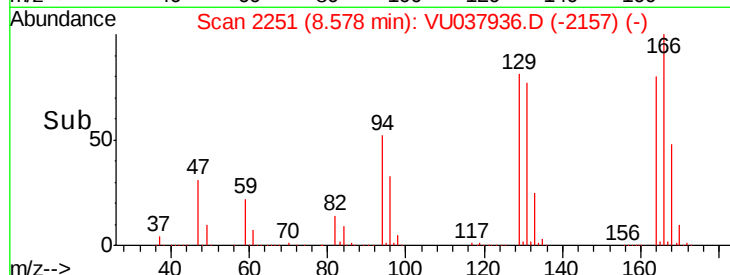
129 101.8 67.3 125.1

131 96.8 64.8 120.4

166 125.2 88.5 164.4



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: 3.962 ug/L

RT: 8.71 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VU037936.D

Acq: 30 Apr 2020 01:18

Tgt Ion: 43 Resp: 28760

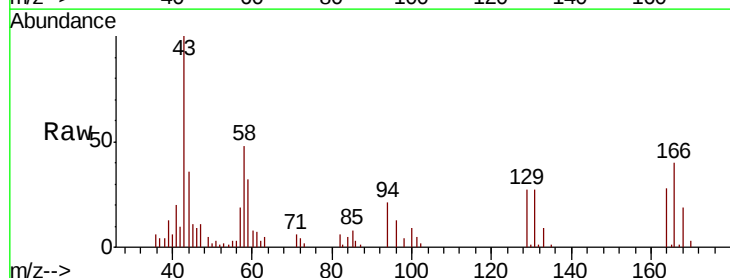
Ion Ratio Lower Upper

43 100

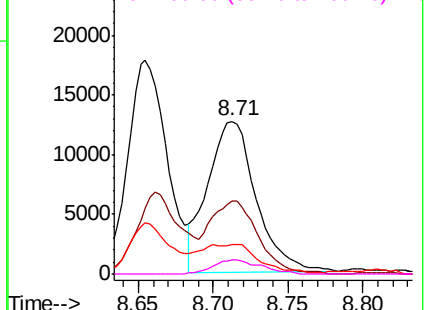
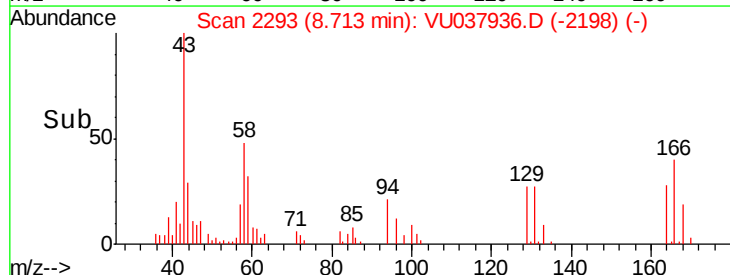
58 47.1 42.6 63.8

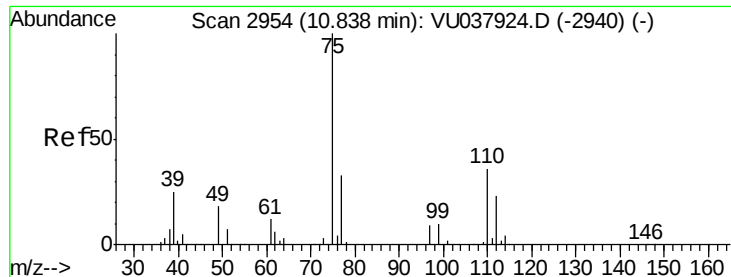
57 0.0 14.6 22.0#

100 6.7 8.6 13.0#



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: 5.719 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037936.D

Acq: 30 Apr 2020 01:18

Instrument :

MSVOA_U

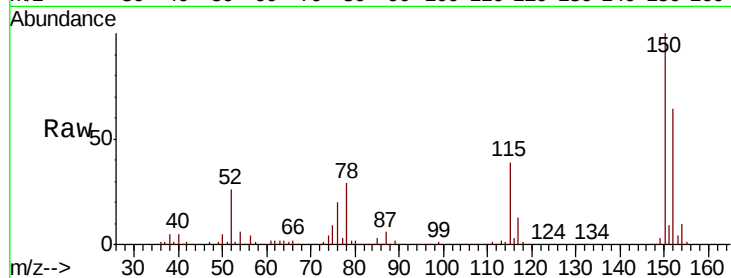
ClientSampleId :

Tot Ion: 75 Resp: 40555

Ion Ratio Lower Upper

75 100

77 36.1 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

