

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037917.D
 Acq On : 29 Apr 2020 17:21
 Operator : JC/MD
 Sample : L2410-15
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 01:21:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	520494	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	510973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	231435	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	149572	32.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.78%
7) Chloroethane-d5	1.93	69	144457	40.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.96%
11) 1,1-Dichloroethene-d2	2.59	63	204789	27.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.64%#
21) 2-Butanone-d5	4.66	46	402138	111.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.60%
24) Chloroform-d	5.10	84	312785	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
26) 1,2-Dichloroethane-d4	5.74	65	219947	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
32) Benzene-d6	5.76	84	639496	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
36) 1,2-Dichloropropane-d6	6.72	67	223736	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.58%
41) Toluene-d8	7.92	98	571636	43.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.08%
43) trans-1,3-Dichloropropene-	8.20	79	104507	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.02%
47) 2-Hexanone-d5	8.65	63	304612	115.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	344263	51.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	215543	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

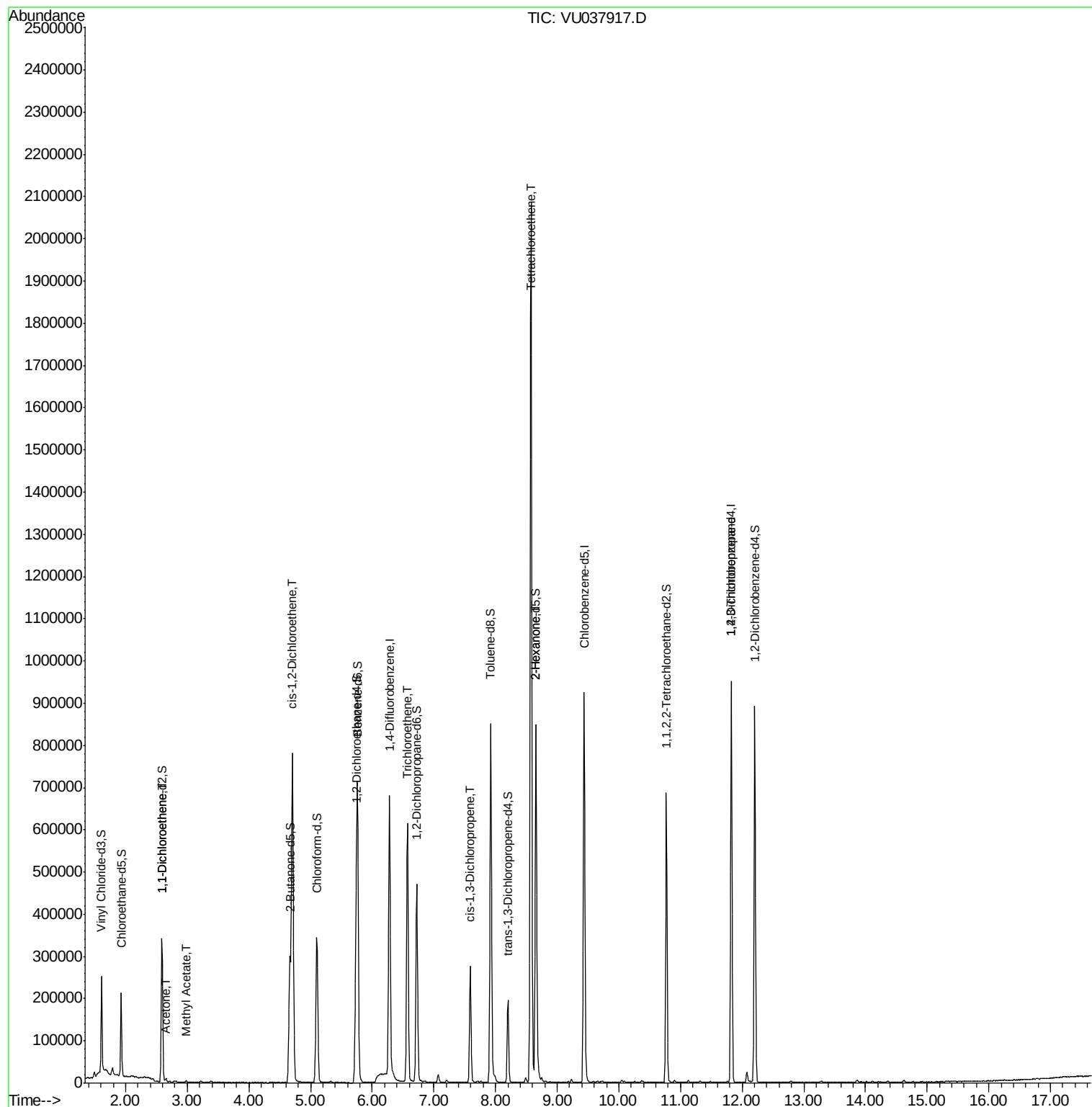
					Ovalue
12) 1,1-Dichloroethene	2.60	96	2725	0.862 ug/L #	1
13) Acetone	2.65	43	9494	4.416 ug/L	97
15) Methyl Acetate	2.98	43	5187	0.998 ug/L #	73
20) cis-1,2-Dichloroethene	4.71	96	382147	98.783 ug/L	94
34) Trichloroethene	6.57	95	208438	54.791 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	6364	0.938 ug/L #	46
46) Tetrachloroethene	8.57	164	451266	162.293 ug/L	97
48) 2-Hexanone	8.65	43	35583	6.109 ug/L #	72
59) 1,2,3-Trichloropropane	11.82	75	33153	5.826 ug/L	92

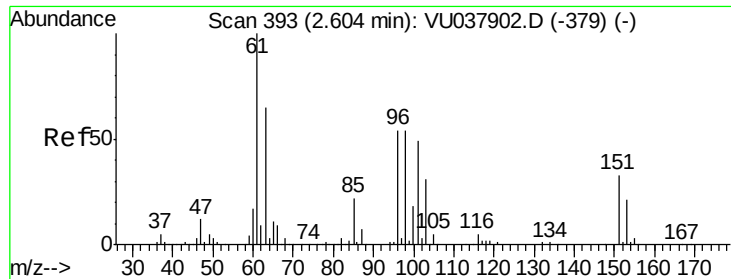
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 01:17:58 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.862 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037917.D

Acq: 29 Apr 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :

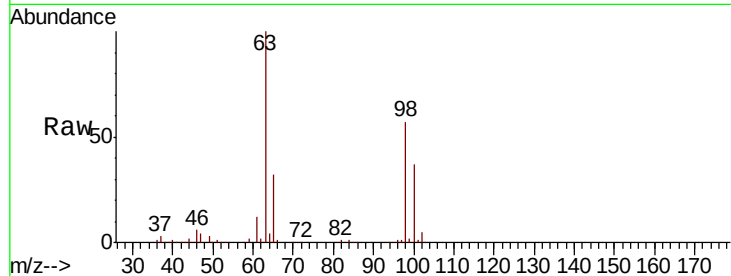
Tot Ion: 96 Resp: 2725

Ion Ratio Lower Upper

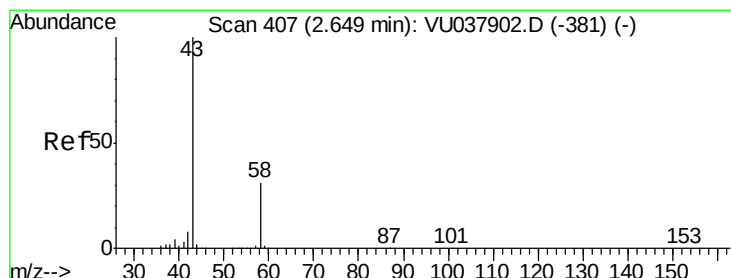
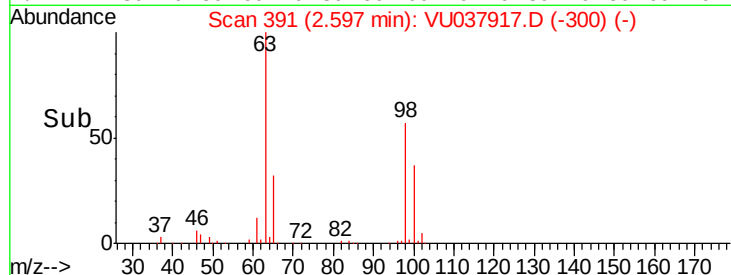
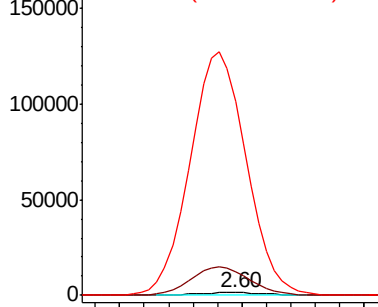
96 100

61 869.4 134.1 249.0#

63 7021.7 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: 4.416 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037917.D

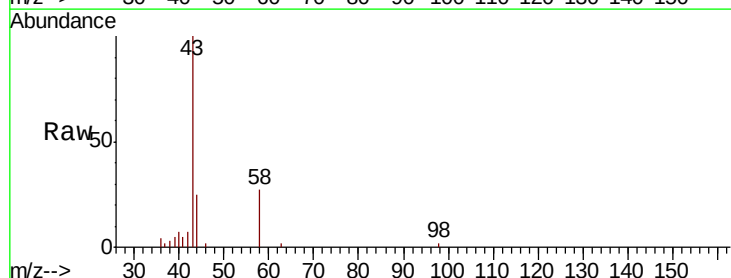
Acq: 29 Apr 2020 17:21

Tgt Ion: 43 Resp: 9494

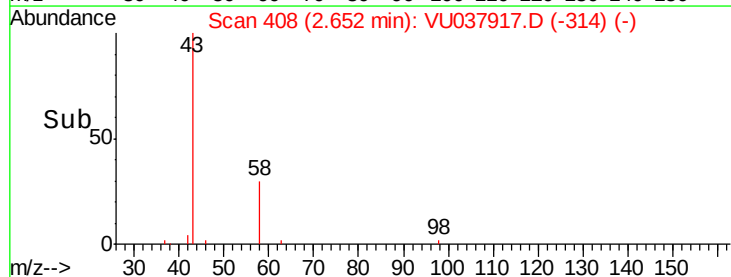
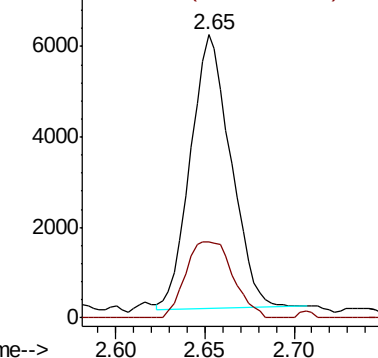
Ion Ratio Lower Upper

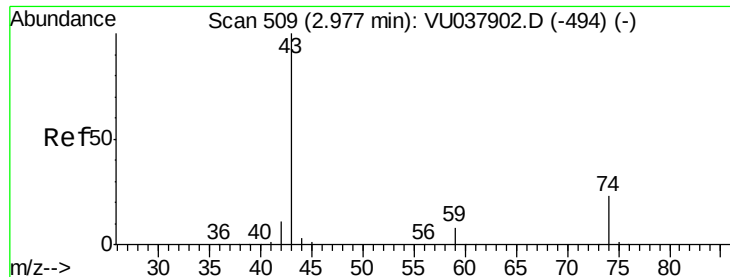
43 100

58 32.4 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

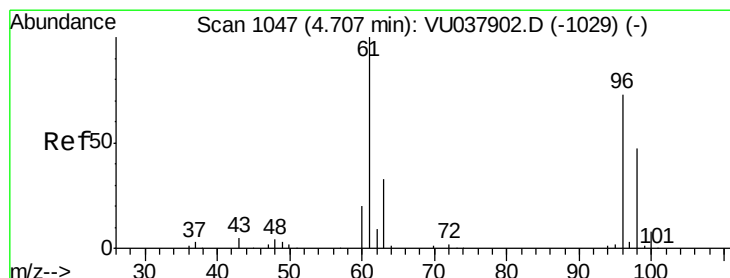
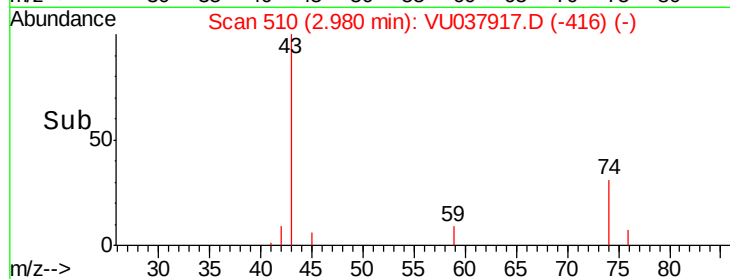
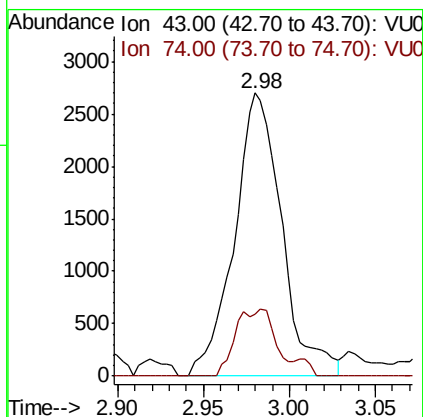
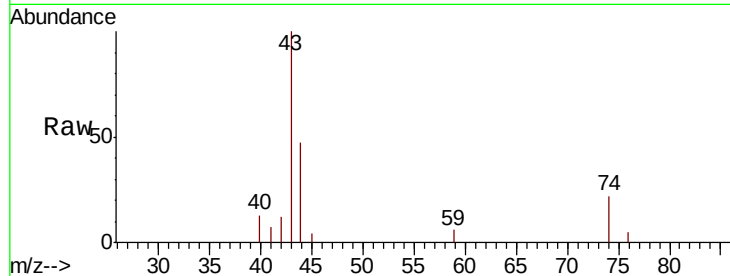




#15
Methvl Acetate
Concen: 0.998 ug/L
RT: 2.98 min Scan# 510
Delta R.T. 0.00 min
Lab File: VU037917.D
Acq: 29 Apr 2020 17:21

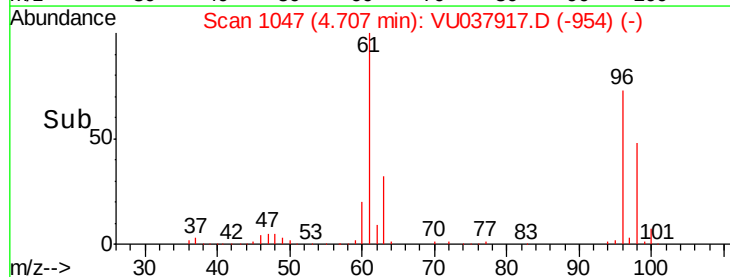
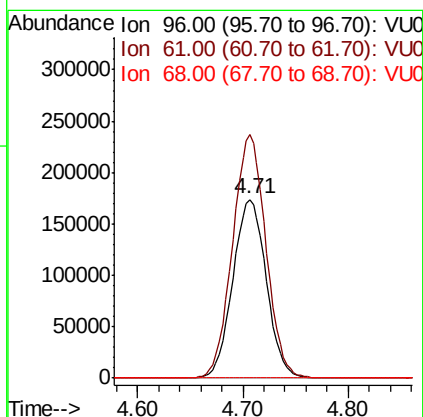
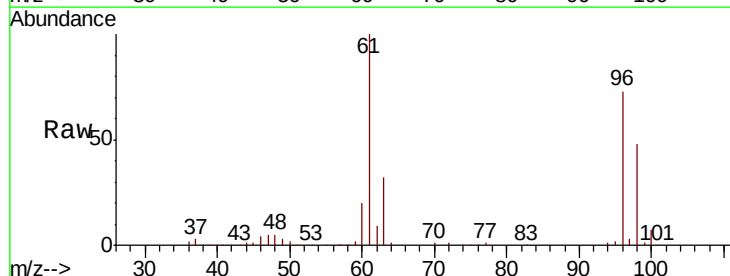
Instrument :
MSVOA_U
ClientSampleId :

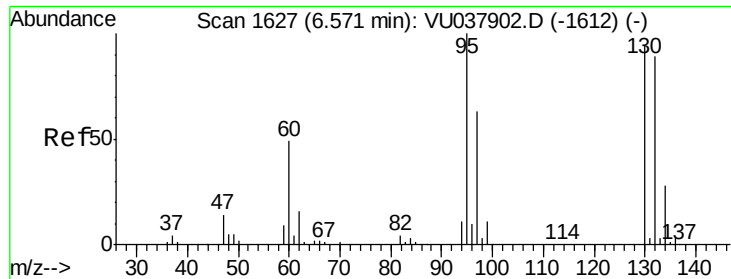
Tot Ion: 43 Resp: 5187
Ion Ratio Lower Upper
43 100
74 8.6 17.0 25.4#



#20
cis-1,2-Dichloroethene
Concen: 98.783 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU037917.D
Acq: 29 Apr 2020 17:21

Tgt Ion: 96 Resp: 382147
Ion Ratio Lower Upper
96 100
61 136.5 100.4 186.4
68 0.0 0.0 0.0

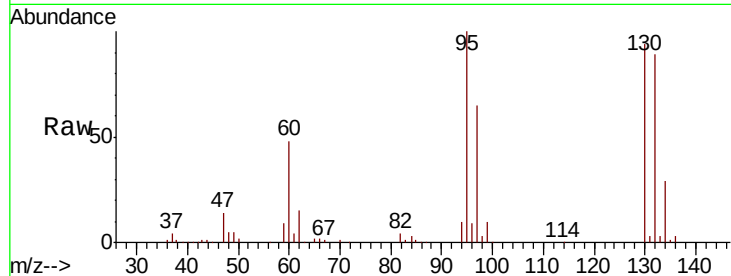




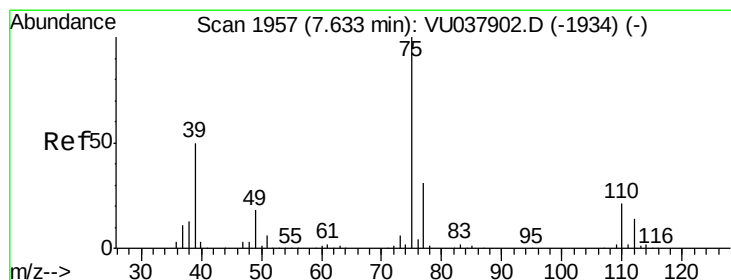
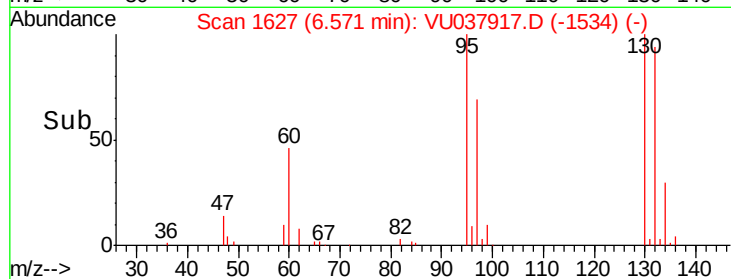
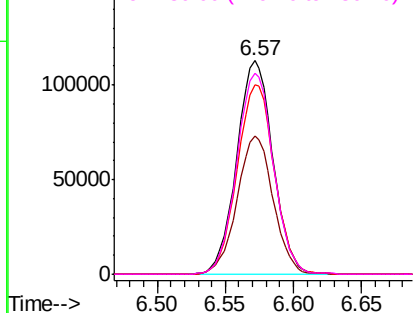
#34
 Trichloroethene
 Concen: 54.791 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037917.D
 Acq: 29 Apr 2020 17:21

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 208438
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.4 82.5
 132 88.7 65.0 120.6
 130 94.2 65.5 121.7

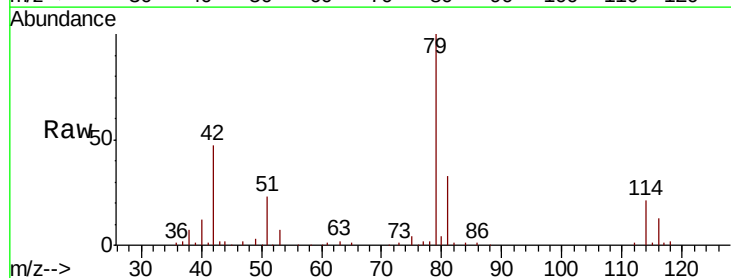


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

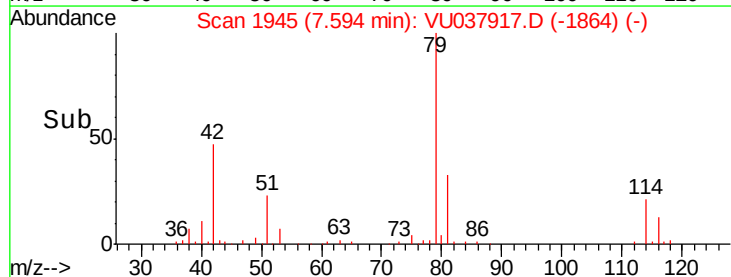
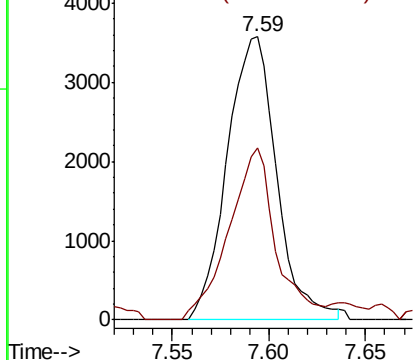


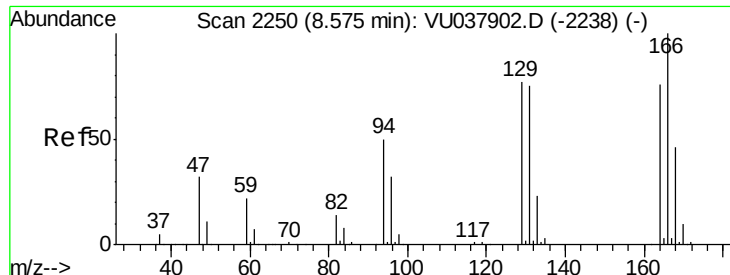
#39
 cis-1,3-Dichloropropene
 Concen: 0.938 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037917.D
 Acq: 29 Apr 2020 17:21

Tgt Ion: 75 Resp: 6364
 Ion Ratio Lower Upper
 75 100
 77 60.7 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 162.293 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037917.D

Acq: 29 Apr 2020 17:21

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 451266

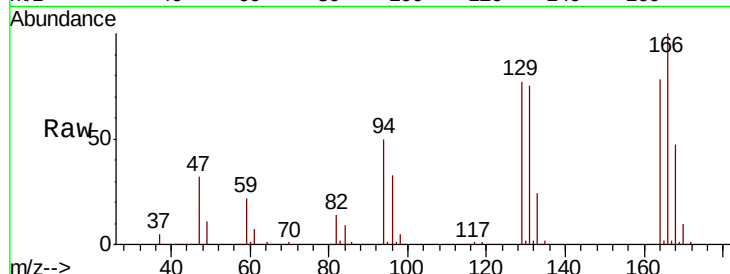
Ion Ratio Lower Upper

164 100

129 99.8 67.3 125.1

131 96.3 64.8 120.4

166 129.0 88.5 164.4

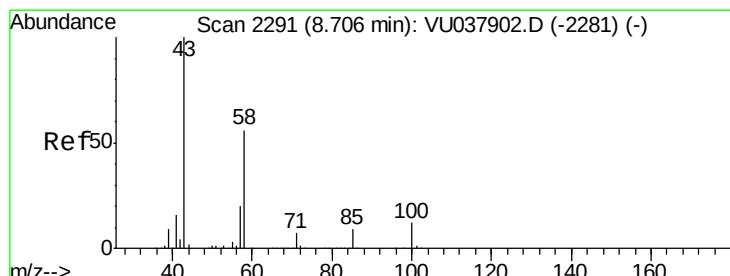
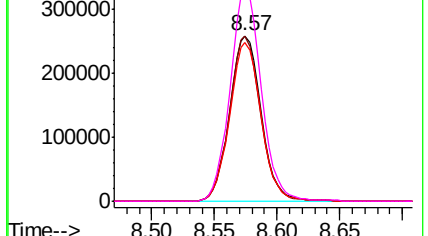
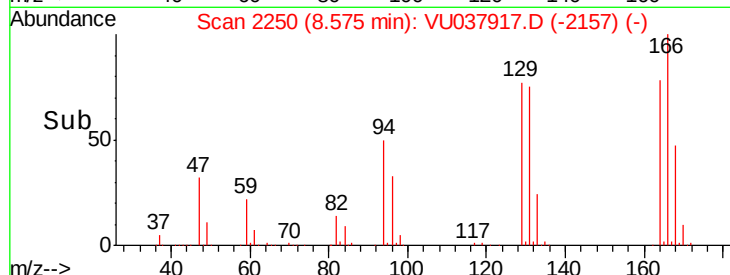


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.109 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU037917.D

Acq: 29 Apr 2020 17:21

Tgt Ion: 43 Resp: 35583

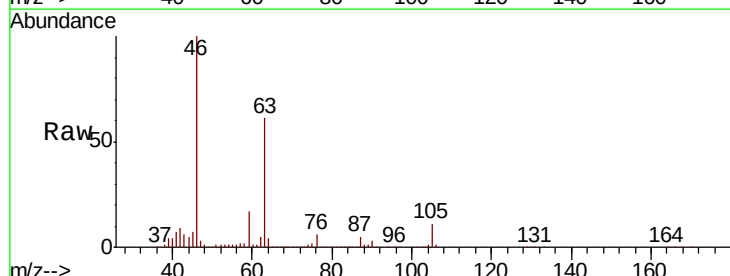
Ion Ratio Lower Upper

43 100

58 29.9 42.6 63.8#

57 23.6 14.6 22.0#

100 0.0 8.6 13.0#

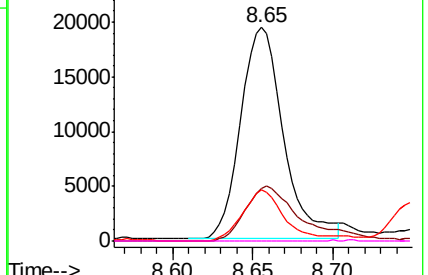
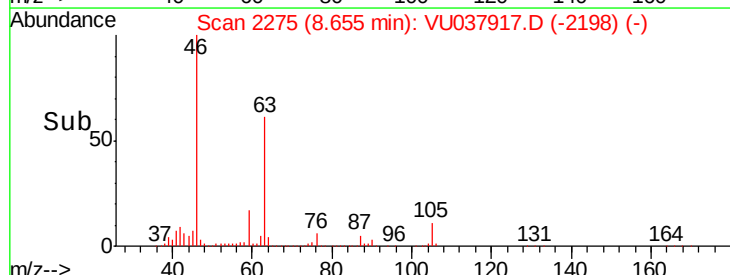


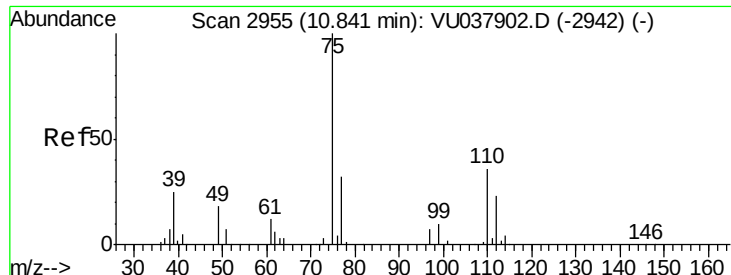
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 5.826 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037917.D

Acq: 29 Apr 2020 17:21

Instrument :

MSVOA_U

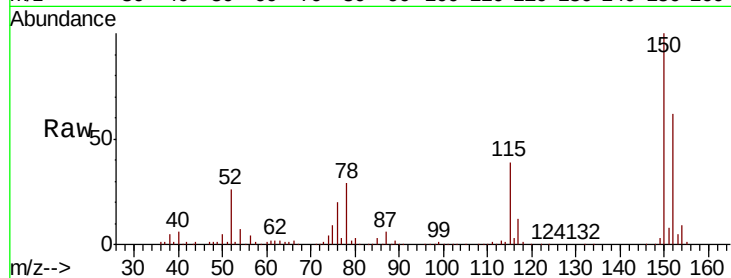
ClientSampleId :

Tot Ion: 75 Resp: 33153

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

