

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037669.D
 Acq On : 10 Apr 2020 13:46
 Operator : JC/MD
 Sample : L2189-01 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 23:30:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	542787	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	512182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	247933	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	174457	36.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.54%
7) Chloroethane-d5	1.93	69	155954	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.34%
11) 1,1-Dichloroethene-d2	2.59	63	243510	31.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.98%
21) 2-Butanone-d5	4.67	46	374035	97.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.29%
24) Chloroform-d	5.10	84	315906	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.74	65	228958	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
32) Benzene-d6	5.76	84	676326	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.72	67	231754	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.40%
41) Toluene-d8	7.92	98	614023	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%
43) trans-1,3-Dichloropropene-	8.20	79	120083	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.58%
47) 2-Hexanone-d5	8.66	63	274438	95.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.57%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	329035	46.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.88%
64) 1,2-Dichlorobenzene-d4	12.20	152	226145	43.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.66%

Target Compounds

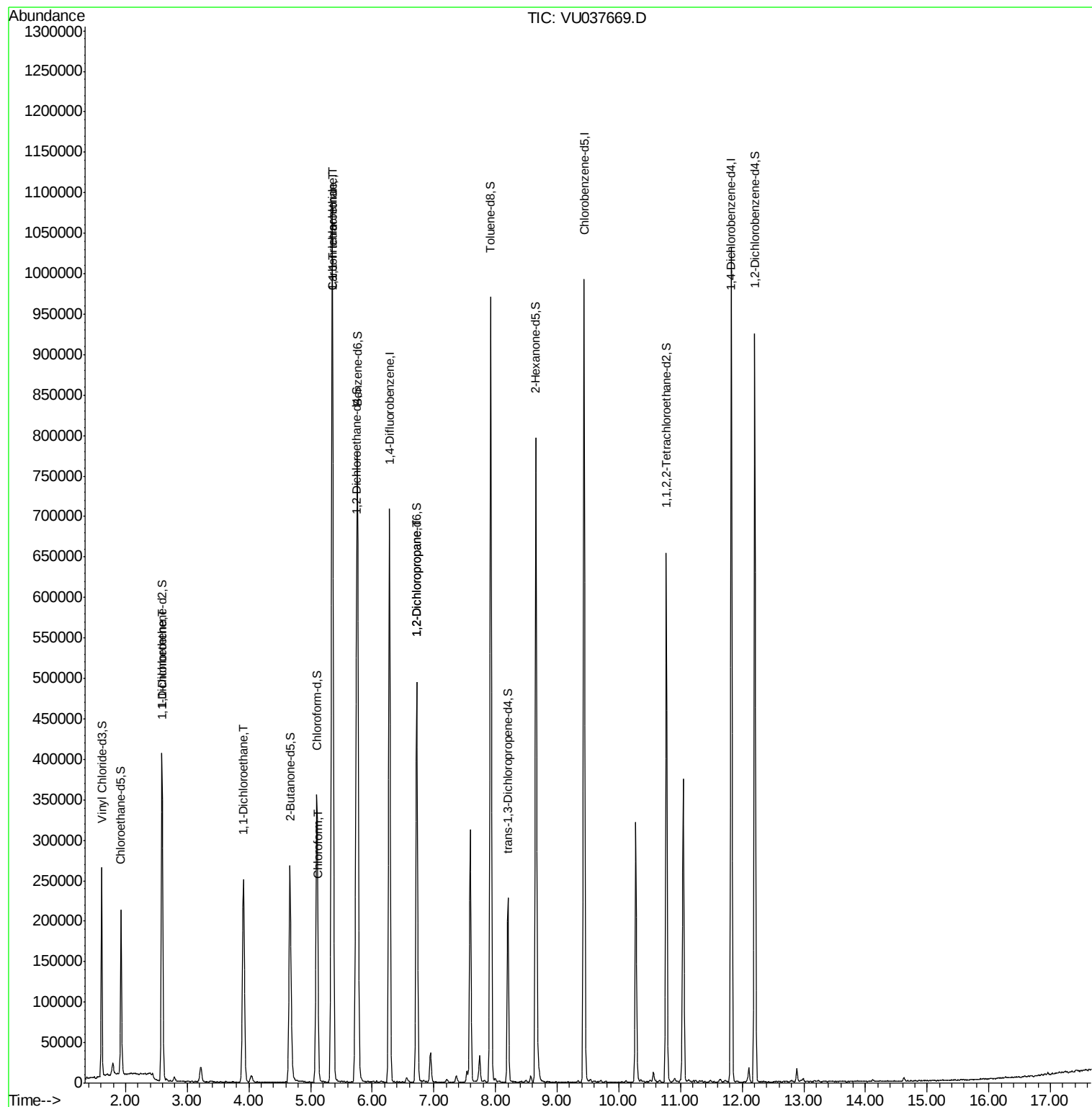
					Ovalue
12) 1,1-Dichloroethene	2.60	96	13931	4.015	ug/L # 1
19) 1,1-Dichloroethane	3.91	63	296010	40.561	ug/L 99
25) Chloroform	5.13	83	5909	0.861	ug/L 87
30) 1,1,1-Trichloroethane	5.35	97	783513	134.962	ug/L 98
31) Carbon tetrachloride	5.35	117	98216	20.840	ug/L 100
37) 1,2-Dichloropropane	6.72	63	24911	5.816	ug/L # 94

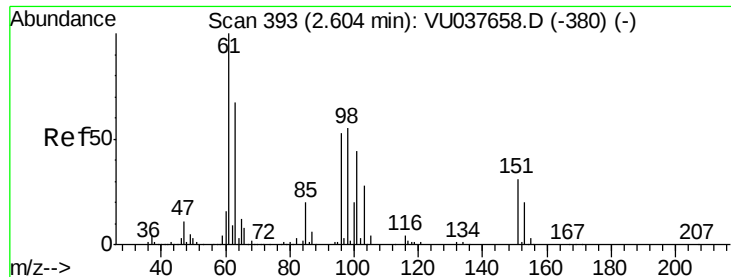
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 10 23:26:55 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.015 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037669.D

Acq: 10 Apr 2020 13:46

Instrument :
MSVOA_U
ClientSampled :

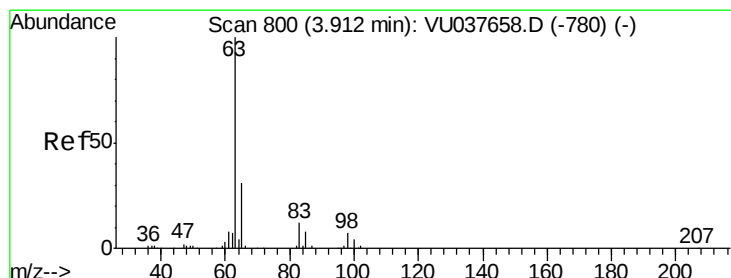
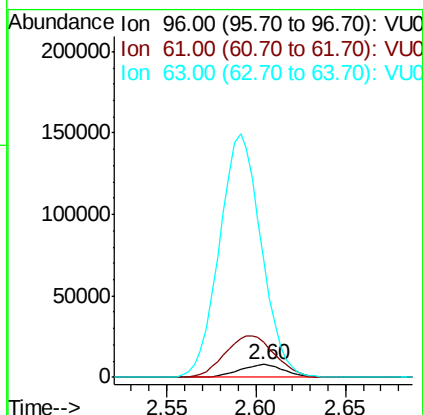
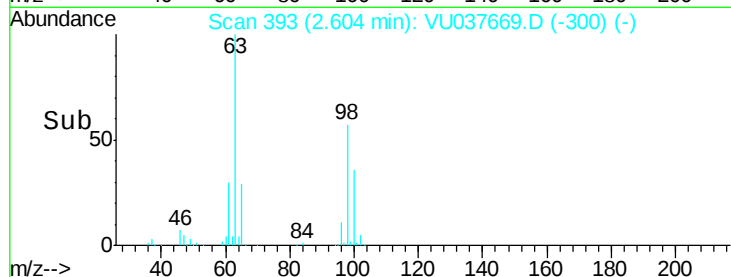
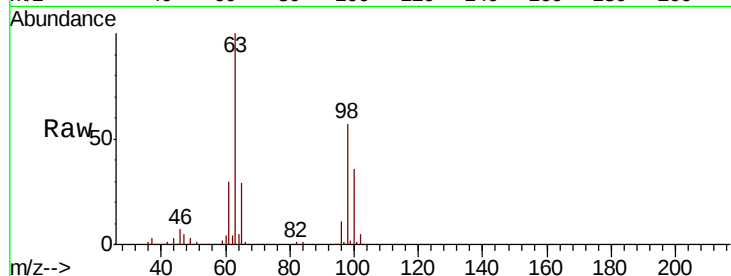
Tot Ion: 96 Resp: 13931

Ion Ratio Lower Upper

96 100

61 277.5 123.6 229.6#

63 922.0 85.7 159.1#



#19

1,1-Dichloroethane

Concen: 40.561 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

Lab File: VU037669.D

Acq: 10 Apr 2020 13:46

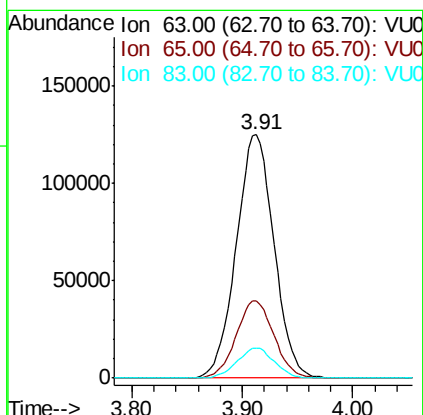
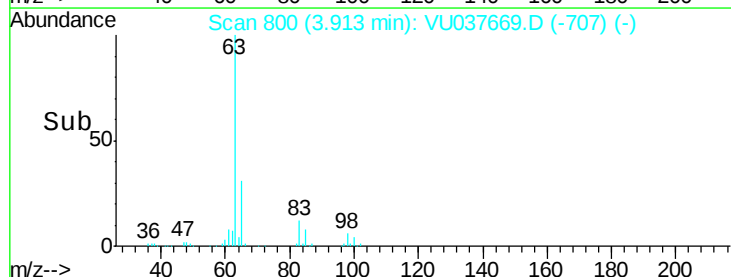
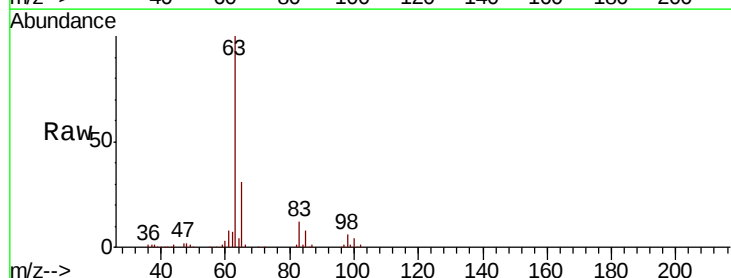
Tgt Ion: 63 Resp: 296010

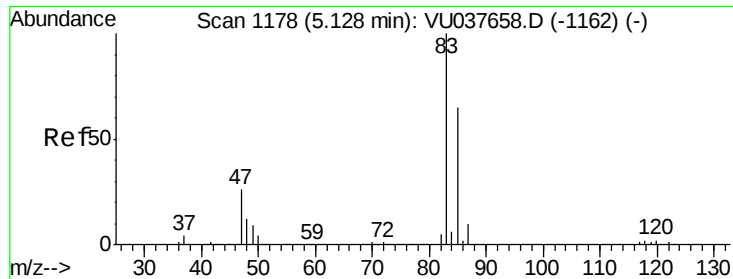
Ion Ratio Lower Upper

63 100

65 31.5 21.9 40.7

83 12.4 9.0 16.6

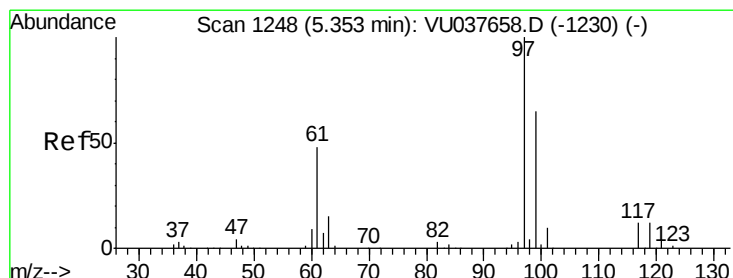
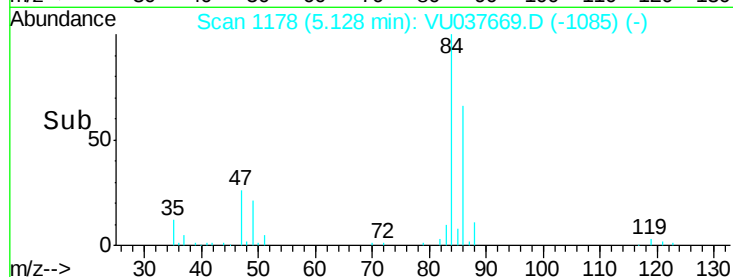
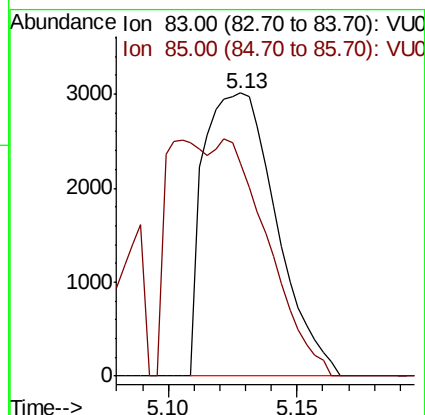
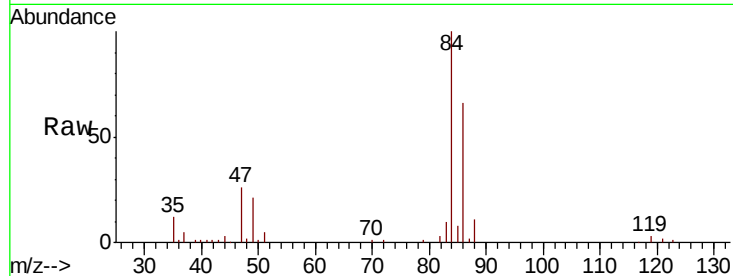




#25
Chloroform
Concen: 0.861 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037669.D
Acq: 10 Apr 2020 13:46

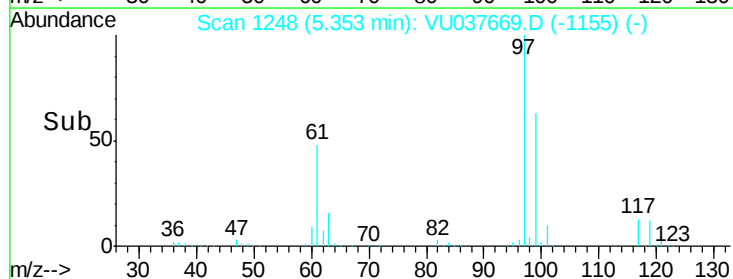
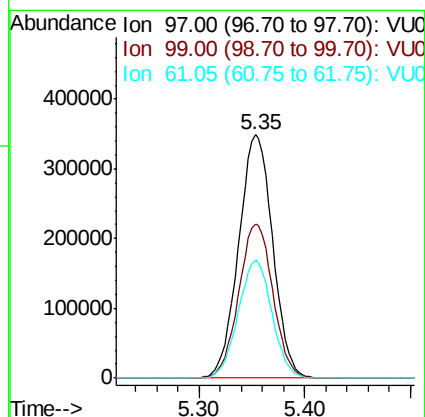
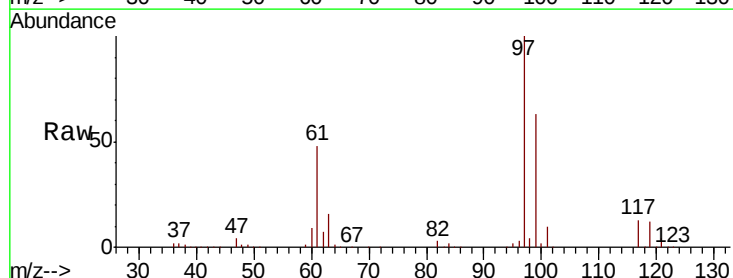
Instrument :
MSVOA_U
ClientSampleId :

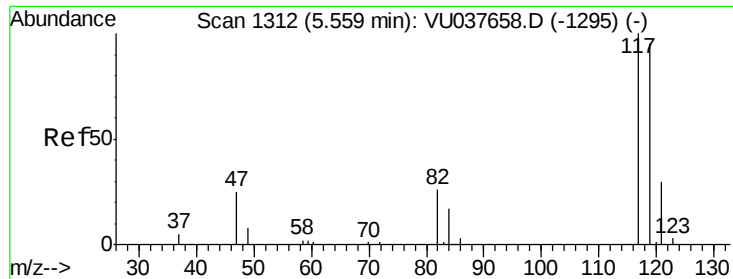
Tot Ion: 83 Resp: 5909
Ion Ratio Lower Upper
83 100
85 75.4 45.5 84.5



#30
1,1,1-Trichloroethane
Concen: 134.962 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU037669.D
Acq: 10 Apr 2020 13:46

Tgt Ion: 97 Resp: 783513
Ion Ratio Lower Upper
97 100
99 63.5 51.9 77.9
61 47.8 37.1 55.7

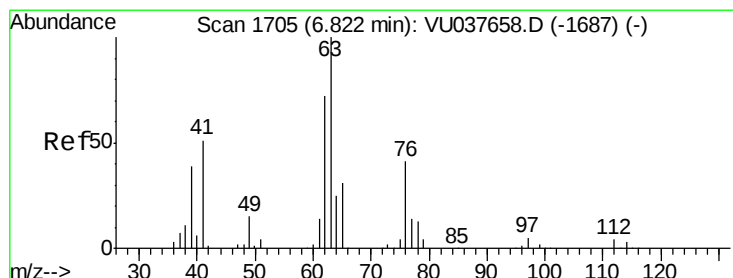
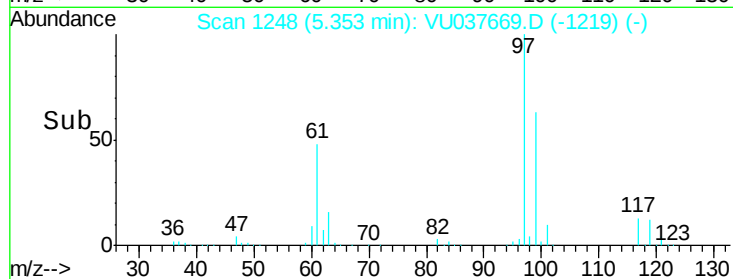
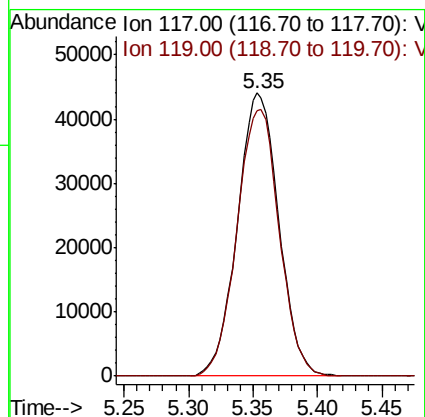
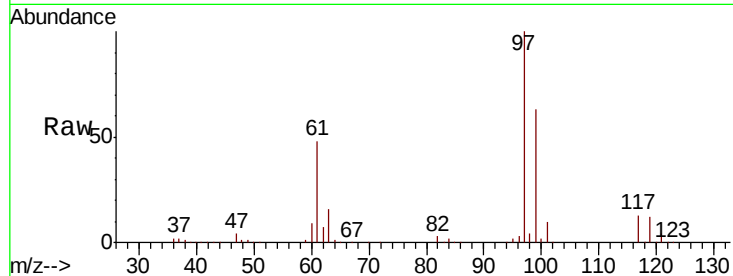




#31
Carbon tetrachloride
Concen: 20.840 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.21 min
Lab File: VU037669.D
Acq: 10 Apr 2020 13:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 98216
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4



#37
1,2-Dichloropropane
Concen: 5.816 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037669.D
Acq: 10 Apr 2020 13:46

Tgt Ion: 63 Resp: 24911
Ion Ratio Lower Upper
63 100
112 6.3 3.4 5.0#

