

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\
 Data File : VU037827.D
 Acq On : 21 Apr 2020 16:13
 Operator : JC/MD
 Sample : VU0421WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 02:18:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 22 02:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	381852	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	367886	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	183079	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	190737	55.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.76%
7) Chloroethane-d5	1.93	69	162008	58.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.34%
11) 1,1-Dichloroethene-d2	2.59	63	249857	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.58%
21) 2-Butanone-d5	4.66	46	362913	130.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.25%#
24) Chloroform-d	5.10	84	319714	58.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.08%
26) 1,2-Dichloroethane-d4	5.74	65	230965	60.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.68%
32) Benzene-d6	5.76	84	692910	60.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.52%
36) 1,2-Dichloropropane-d6	6.72	67	233132	60.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.58%#
41) Toluene-d8	7.92	98	627658	60.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.38%#
43) trans-1,3-Dichloropropene-	8.20	79	116441	60.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.08%
47) 2-Hexanone-d5	8.65	63	254803	127.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	318317	60.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.66%#
64) 1,2-Dichlorobenzene-d4	12.20	152	230753	59.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.52%

Target Compounds

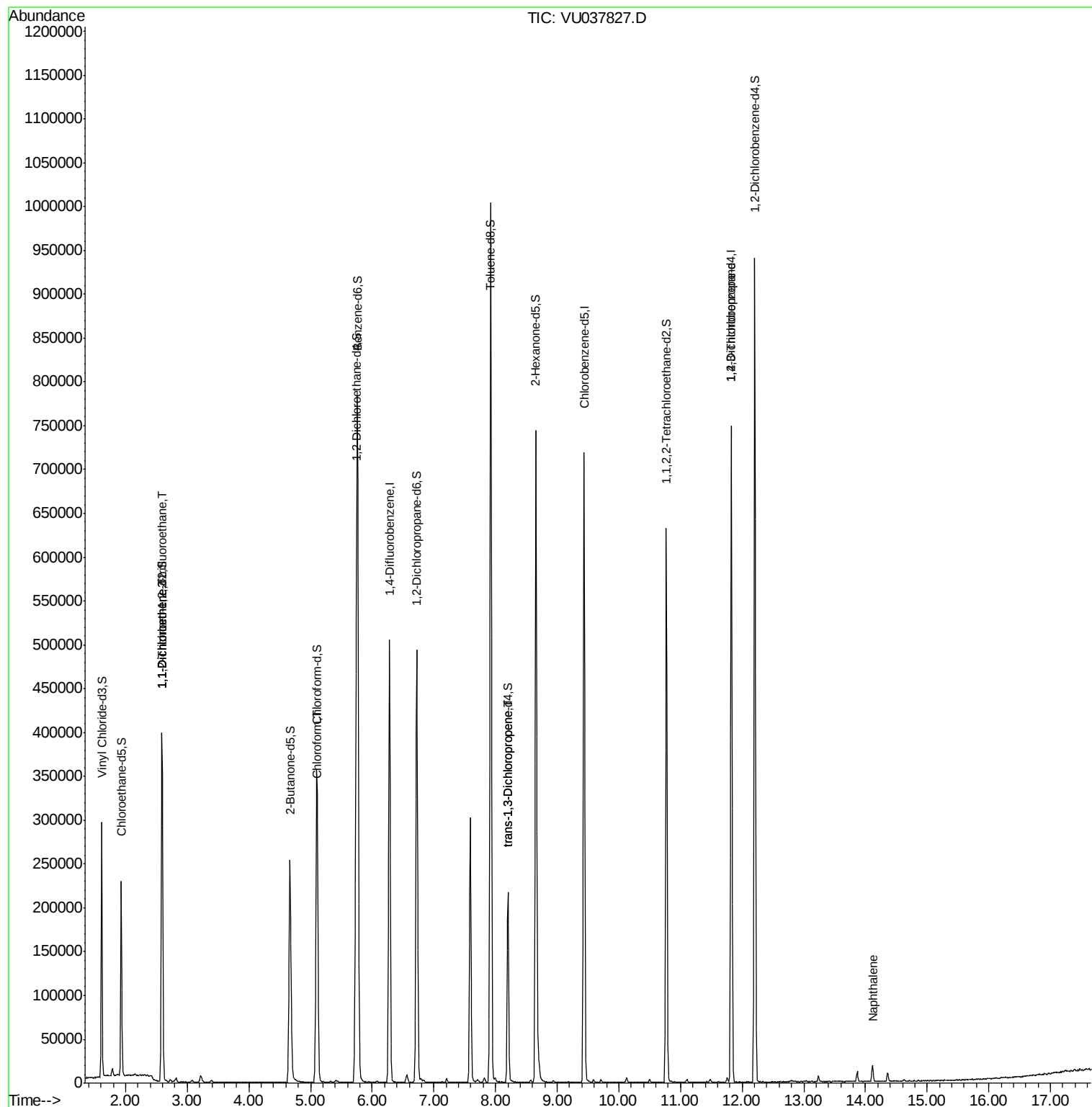
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2407	0.950 ug/L #	25
12) 1,1-Dichloroethene	2.59	96	2286	0.916 ug/L #	1
25) Chloroform	5.12	83	6091	1.137 ug/L	99
44) trans-1,3-Dichloropropene	8.20	75	5894	1.143 ug/L #	79
59) 1,2,3-Trichloropropane	11.83	75	26303	5.794 ug/L	93
69) Naphthalene	14.11	128	14022	0.931 ug/L	97

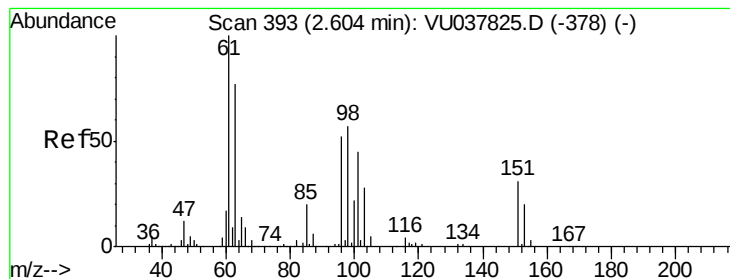
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042120\
Data File : VU037827.D
Acq On : 21 Apr 2020 16:13
Operator : JC/MD
Sample : VU0421WBL01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 22 02:18:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 22 02:16:18 2020
Response via : Initial Calibration





#10

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

Concen: 0.950 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037827.D

Acq: 21 Apr 2020 16:13

Instrument :

MSVOA_U

ClientSampleId :

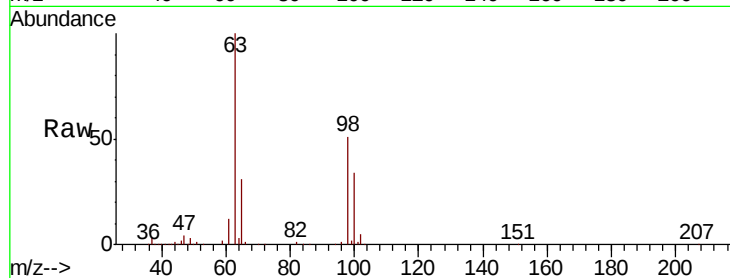
Tot Ion:101 Resp: 2407

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

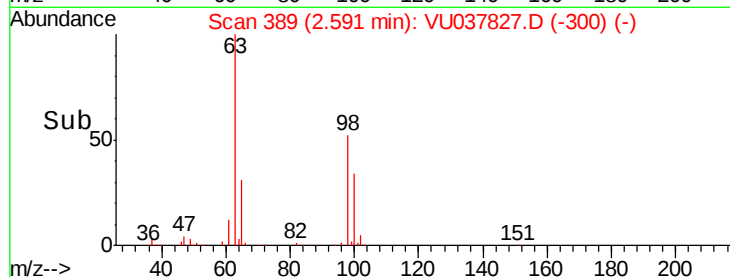
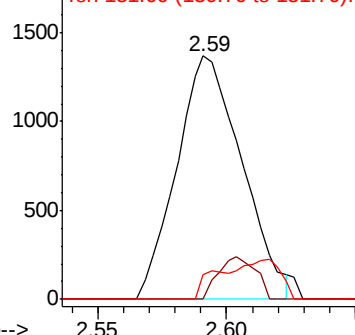
151 4.9 55.2 82.8#



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



#12

1,1-Dichloroethene

Concen: 0.916 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037827.D

Acq: 21 Apr 2020 16:13

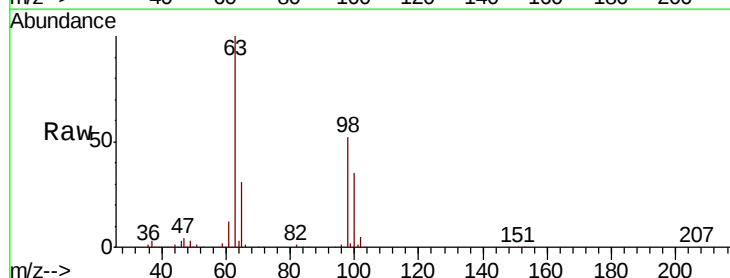
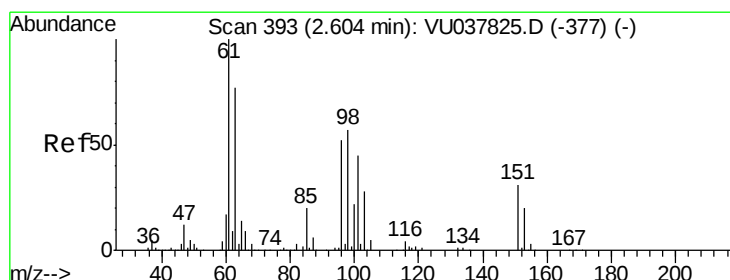
Tgt Ion: 96 Resp: 2286

Ion Ratio Lower Upper

96 100

61 1470.6 134.5 249.7#

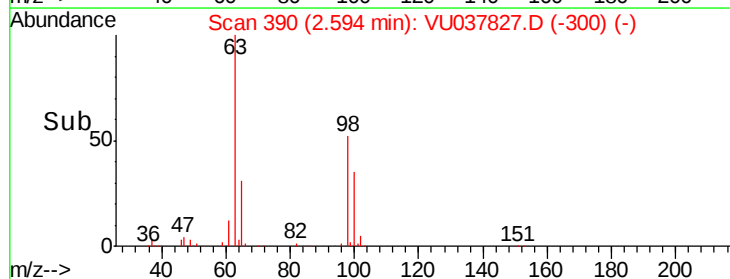
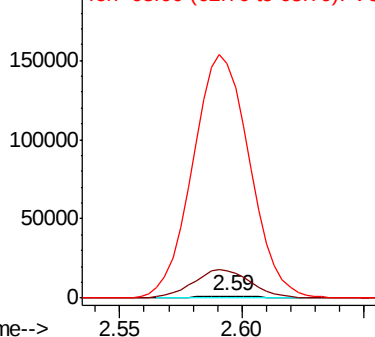
63 12373.0 106.6 198.0#

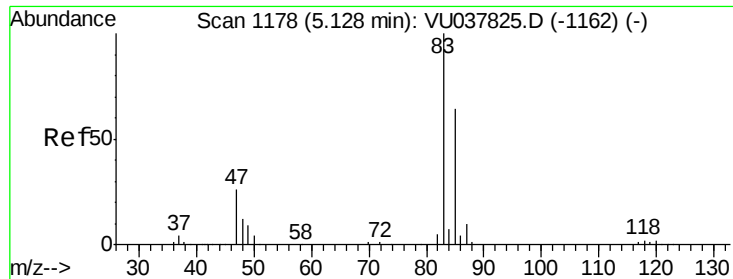


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

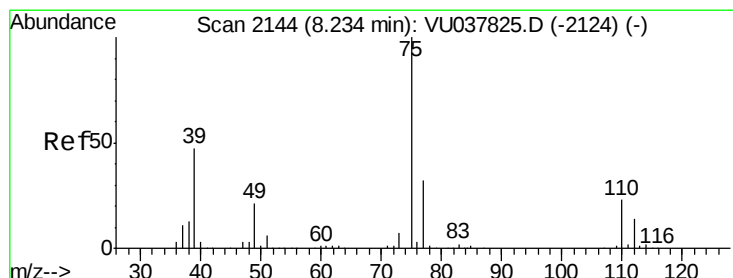
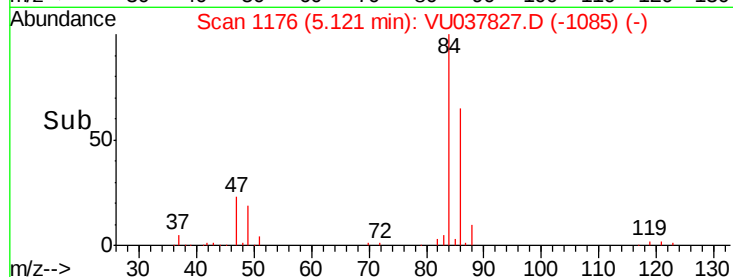
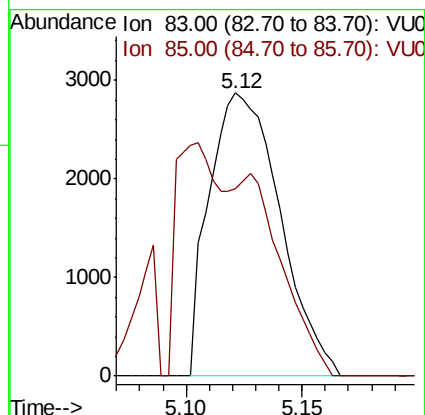
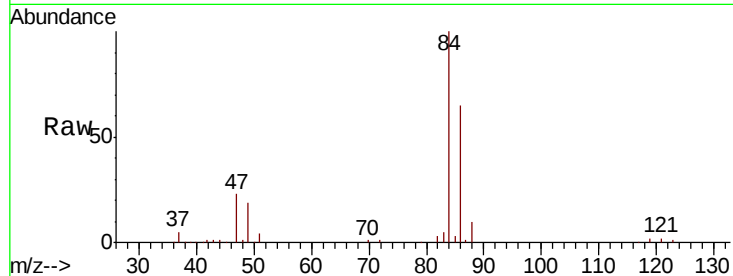




#25
Chloroform
Concen: 1.137 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VU037827.D
Acq: 21 Apr 2020 16:13

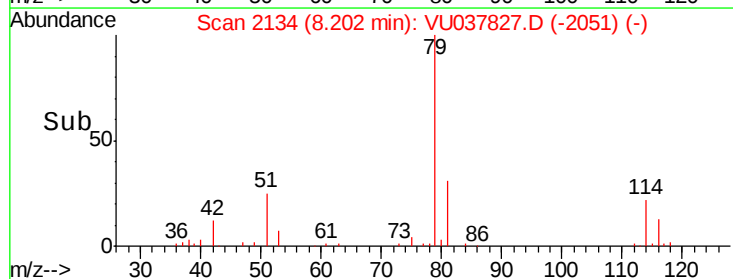
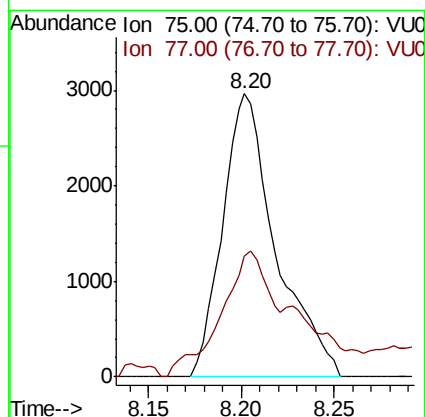
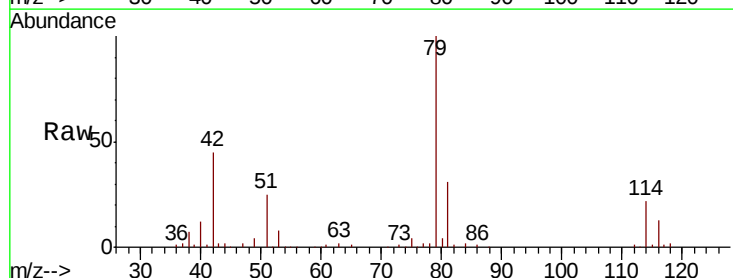
Instrument :
MSVOA_U
ClientSampleId :

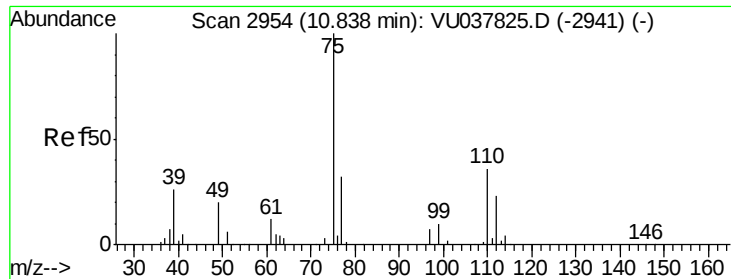
Tot Ion: 83 Resp: 6091
Ion Ratio Lower Upper
83 100
85 66.1 46.9 87.1



#44
trans-1,3-Dichloropropene
Concen: 1.143 ug/L
RT: 8.20 min Scan# 2134
Delta R.T. -0.03 min
Lab File: VU037827.D
Acq: 21 Apr 2020 16:13

Tgt Ion: 75 Resp: 5894
Ion Ratio Lower Upper
75 100
77 42.8 21.8 40.6#

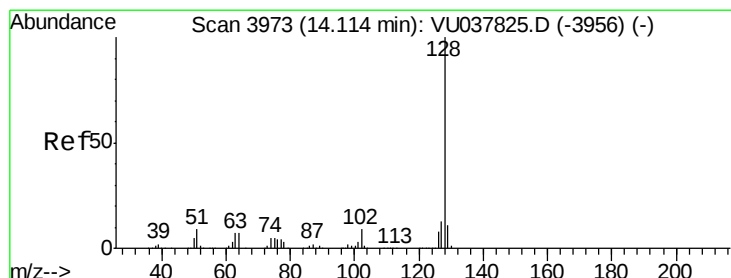
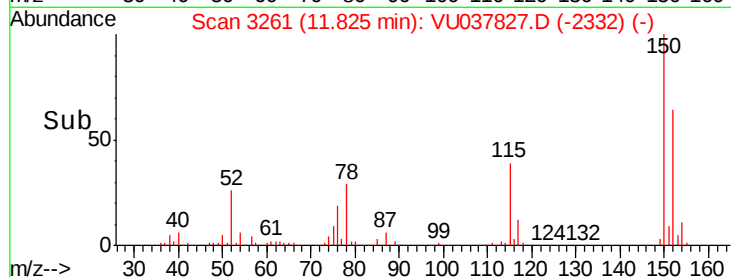
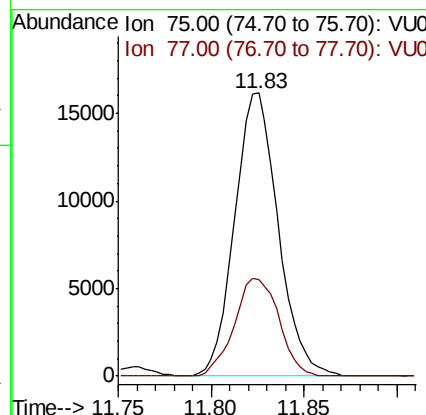
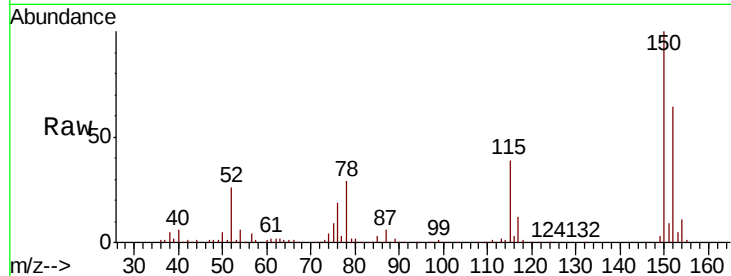




#59
 1,2,3-Trichloropropane
 Concen: 5.794 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037827.D
 Acq: 21 Apr 2020 16:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 26303
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.4 38.0



#69
 Naphthalene
 Concen: 0.931 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VU037827.D
 Acq: 21 Apr 2020 16:13

Tgt Ion: 128 Resp: 14022
 Ion Ratio Lower Upper
 128 100
 127 14.7 10.7 16.1
 129 9.8 8.6 13.0

