

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037974.D
 Acq On : 01 May 2020 01:13
 Operator : JC/MD
 Sample : L2410-10DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 06:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	726649	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	711124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	322954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	286371	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	239687	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.59	63	358173	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
21) 2-Butanone-d5	4.66	46	464011	92.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.88%
24) Chloroform-d	5.10	84	442131	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
26) 1,2-Dichloroethane-d4	5.74	65	320399	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
32) Benzene-d6	5.76	84	980534	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
36) 1,2-Dichloropropane-d6	6.72	67	326379	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.92%
41) Toluene-d8	7.92	98	891223	46.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.70%
43) trans-1,3-Dichloropropene-	8.20	79	138384	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.92%
47) 2-Hexanone-d5	8.65	63	277701	91.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	438415	43.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.56%
64) 1,2-Dichlorobenzene-d4	12.20	152	315401	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%

Target Compounds

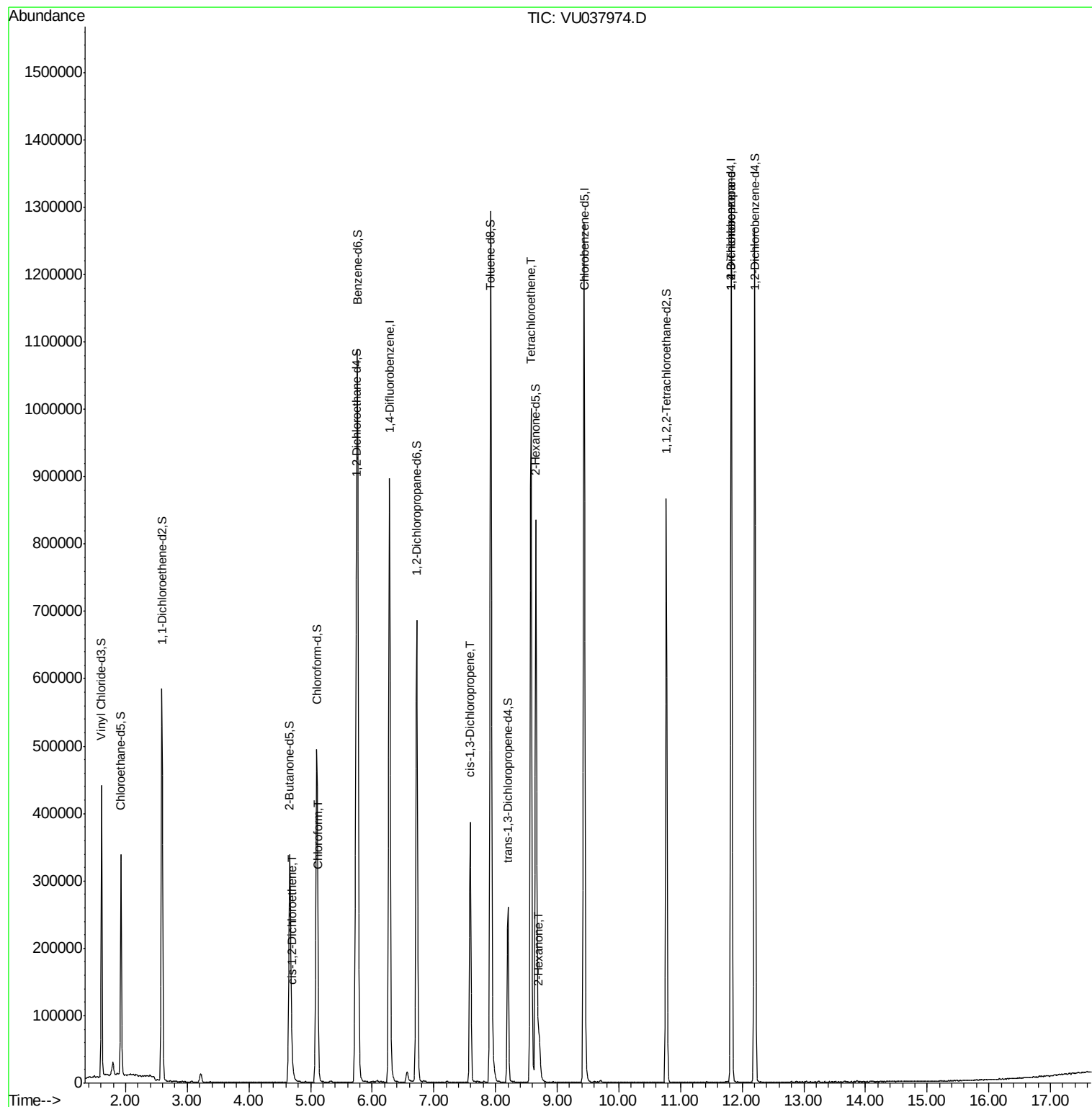
					Ovalue
20) cis-1,2-Dichloroethene	4.70	96	4776	0.841 ug/L	97
25) Chloroform	5.13	83	8627	0.878 ug/L	78
39) cis-1,3-Dichloropropene	7.59	75	8690	0.954 ug/L #	66
46) Tetrachloroethene	8.57	164	215772	54.824 ug/L	98
48) 2-Hexanone	8.71	43	46644	5.877 ug/L #	93
59) 1,2,3-Trichloropropane	11.82	75	42832	5.197 ug/L #	87

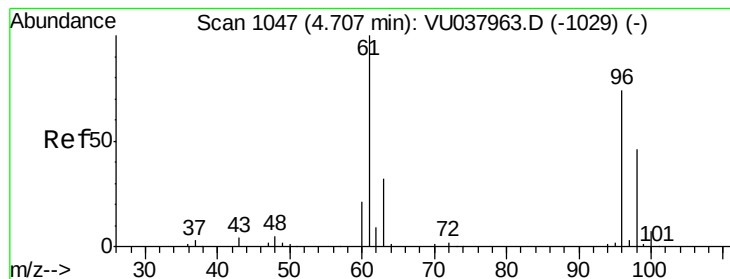
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 01 06:13:06 2020
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 0.841 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037974.D

Acq: 01 May 2020 01:13

Instrument :
MSVOA_U
ClientSampleId :

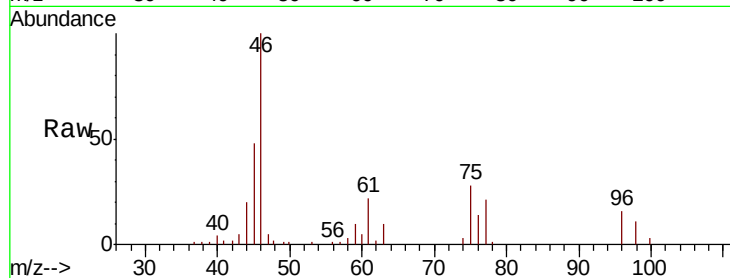
Tot Ion: 96 Resp: 4776

Ion Ratio Lower Upper

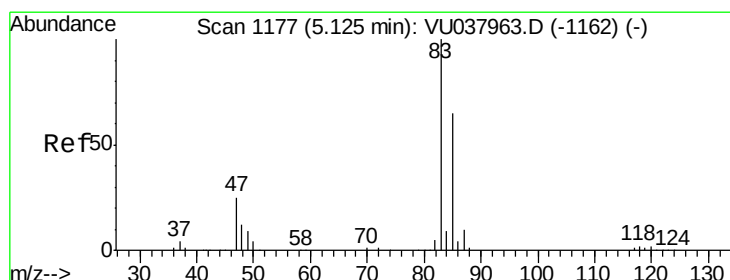
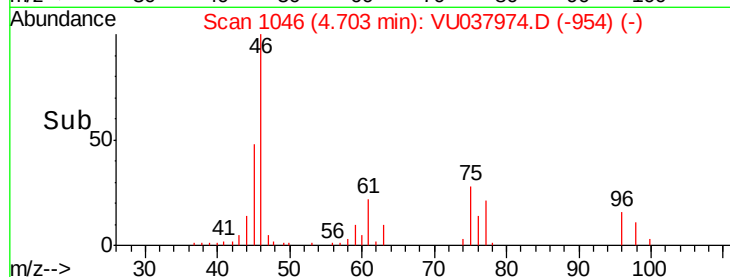
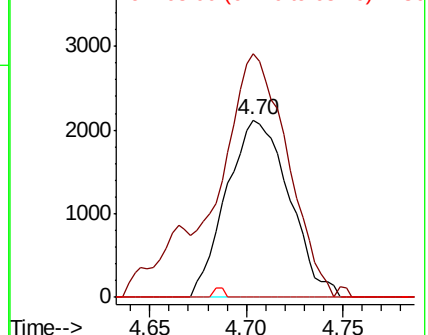
96 100

61 137.3 93.9 174.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#25

Chloroform

Concen: 0.878 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037974.D

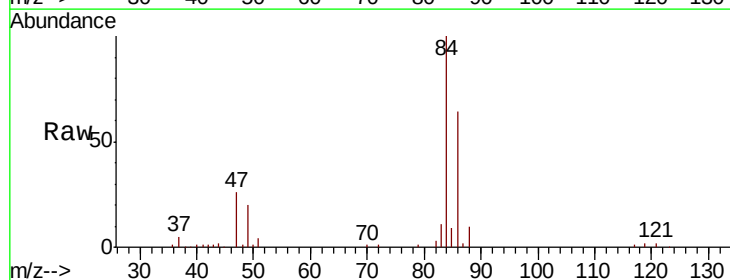
Acq: 01 May 2020 01:13

Tgt Ion: 83 Resp: 8627

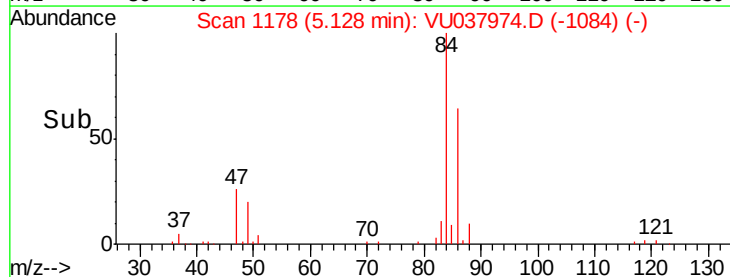
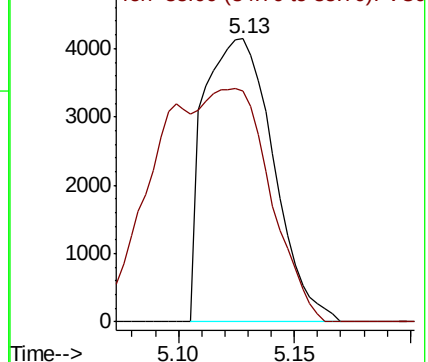
Ion Ratio Lower Upper

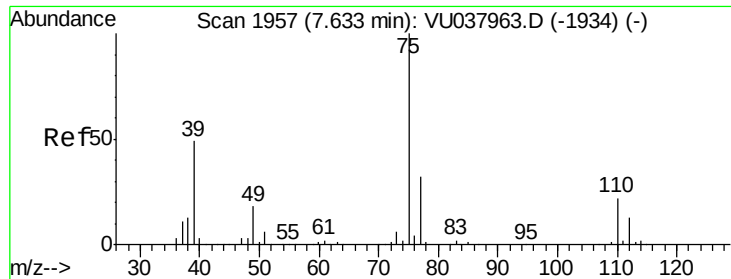
83 100

85 81.7 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

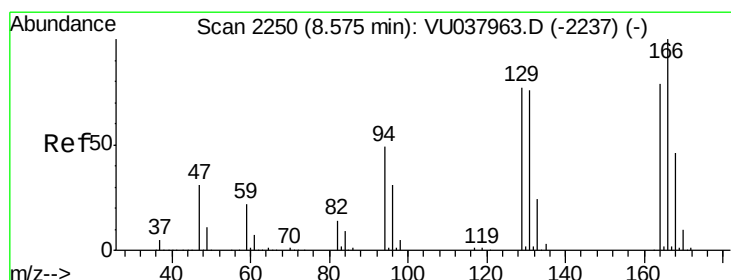
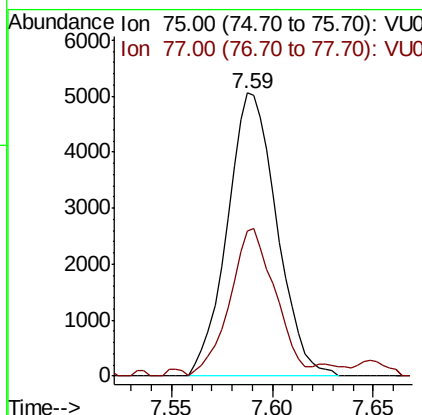
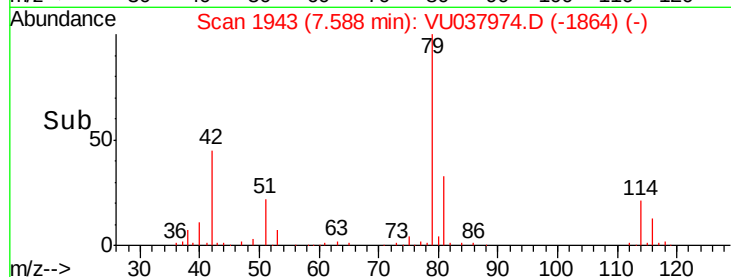
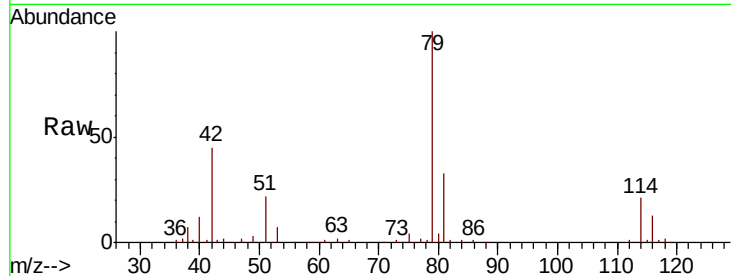




#39
 cis-1,3-Dichloropropene
 Concen: 0.954 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU037974.D
 Acq: 01 May 2020 01:13

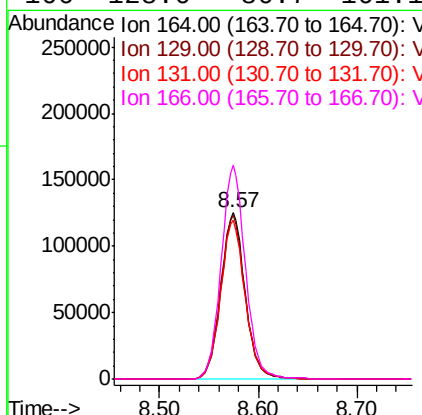
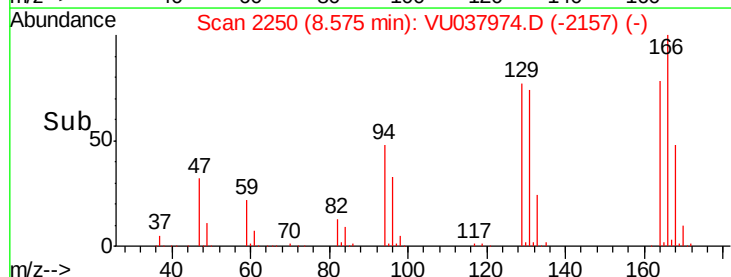
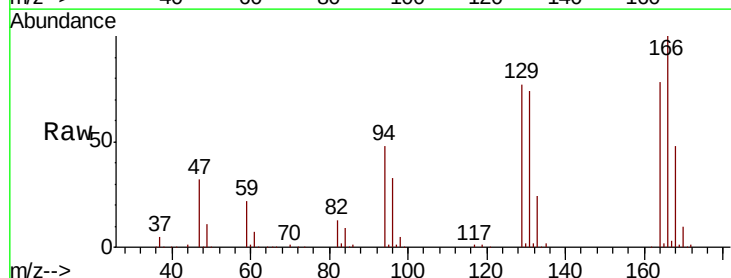
Instrument :
 MSVOA_U
 ClientSampleId :

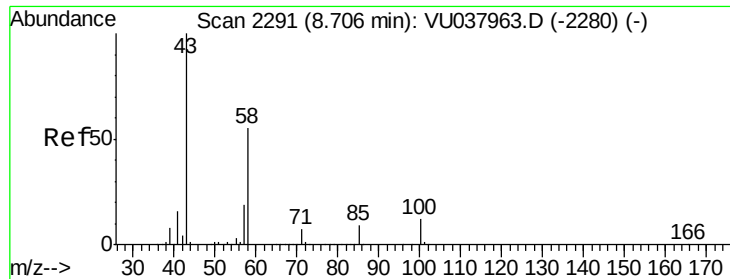
Tot Ion: 75 Resp: 8690
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.6 42.0#



#46
 Tetrachloroethene
 Concen: 54.824 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU037974.D
 Acq: 01 May 2020 01:13

Tgt Ion: 164 Resp: 215772
 Ion Ratio Lower Upper
 164 100
 129 98.6 68.4 127.0
 131 95.4 65.7 122.1
 166 128.6 86.7 161.1





#48

2-Hexanone

Concen: 5.877 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU037974.D

Acq: 01 May 2020 01:13

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 46644

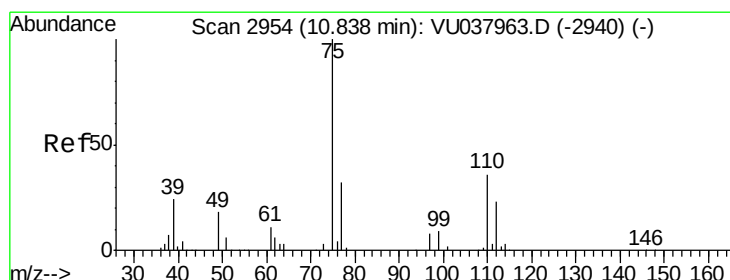
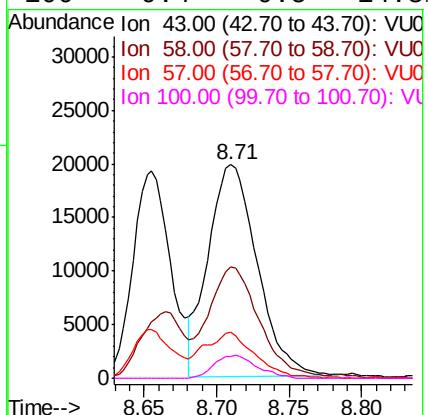
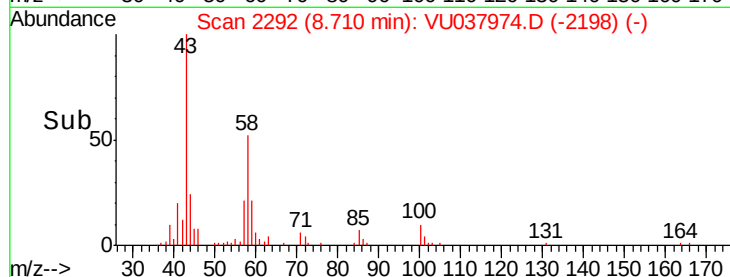
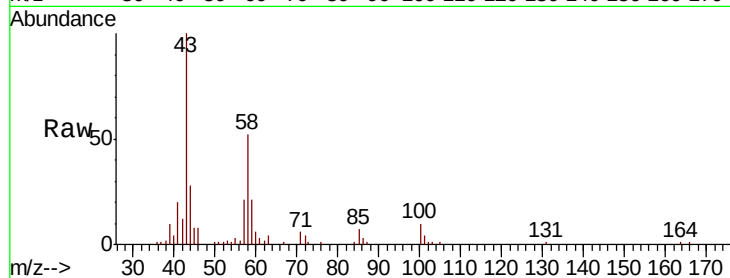
Ion Ratio Lower Upper

43 100

58 53.2 46.4 69.6

57 16.6 16.4 24.6

100 9.4 9.5 14.3#



#59

1,2,3-Trichloropropane

Concen: 5.197 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037974.D

Acq: 01 May 2020 01:13

Tgt Ion: 75 Resp: 42832

Ion Ratio Lower Upper

75 100

77 39.0 25.4 38.2#

