

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037575.D
 Acq On : 03 Apr 2020 18:39
 Operator : JC/MD
 Sample : L2158-03 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EZ5

Quant Time: Apr 04 05:26:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 05:18:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	171907	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	162672	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	76962	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63128	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.44%
7) Chloroethane-d5	1.93	69	49008	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.38%
11) 1,1-Dichloroethene-d2	2.59	63	84104	35.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.68%
21) 2-Butanone-d5	4.67	46	101197	96.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.44%
24) Chloroform-d	5.11	84	104942	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.74	65	71041	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
32) Benzene-d6	5.76	84	220075	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.72	67	72560	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.46%
41) Toluene-d8	7.92	98	199004	45.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	38538	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.48%
47) 2-Hexanone-d5	8.65	63	78825	93.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.77%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105446	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	12.20	152	72741	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%

Target Compounds

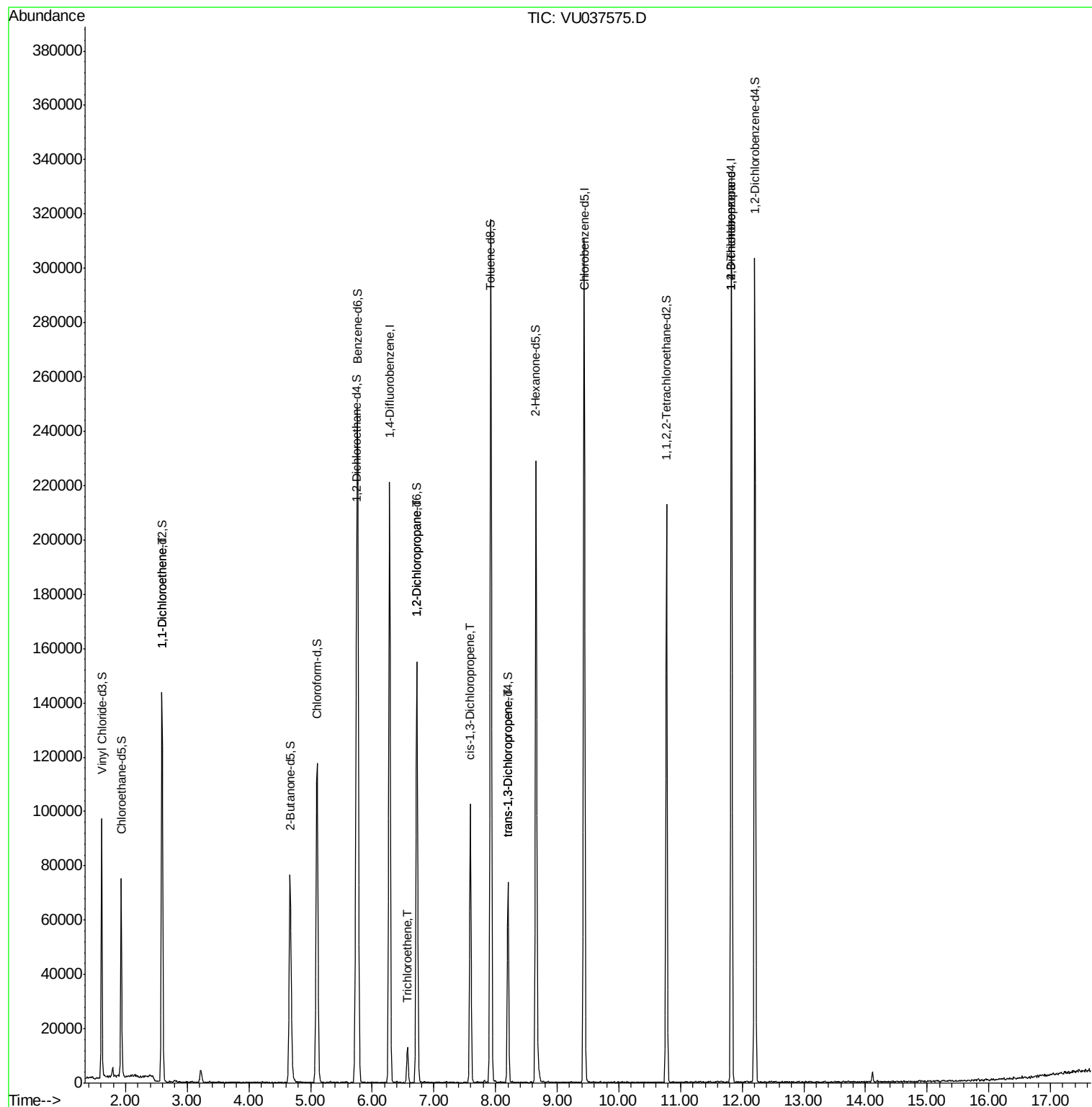
					Ovalue
12) 1,1-Dichloroethene	2.59	96	733	0.797 ug/L #	1
34) Trichloroethene	6.57	95	4042	3.627 ug/L	92
37) 1,2-Dichloropropane	6.72	63	8215	6.764 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2663	1.404 ug/L #	60
44) trans-1,3-Dichloropropene	8.20	75	1873	1.003 ug/L	87
59) 1,2,3-Trichloropropane	11.83	75	11489	7.359 ug/L	92

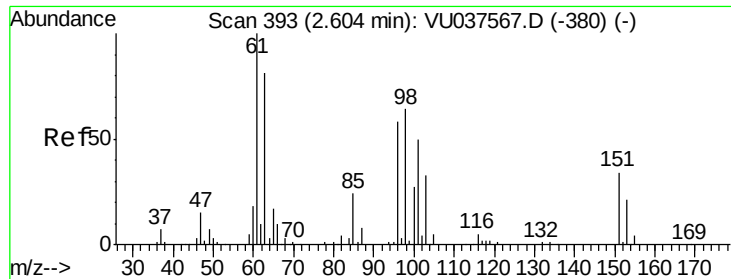
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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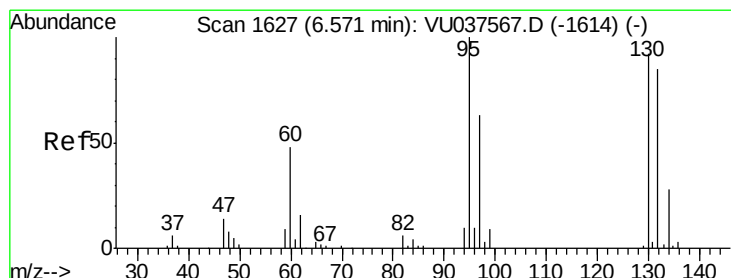
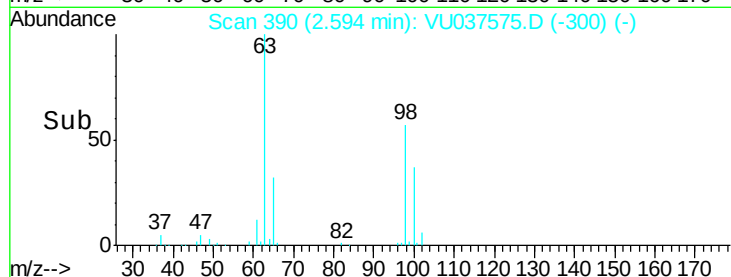
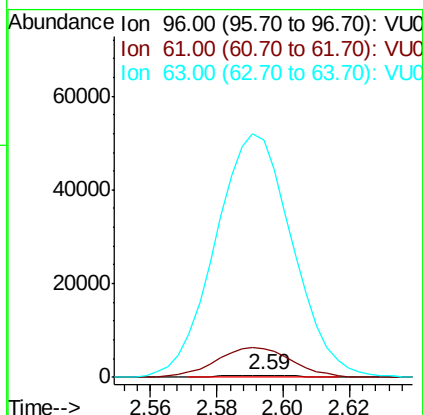
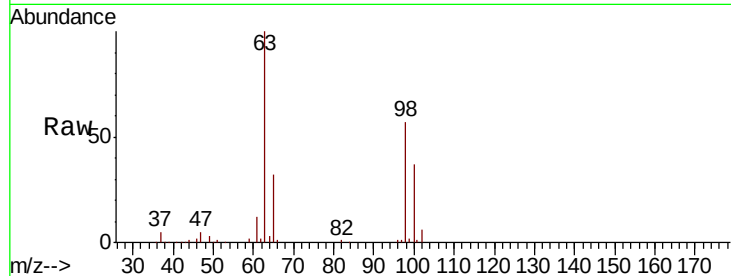




#12
 1,1-Dichloroethene
 Concen: 0.797 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU037575.D
 Acq: 03 Apr 2020 18:39

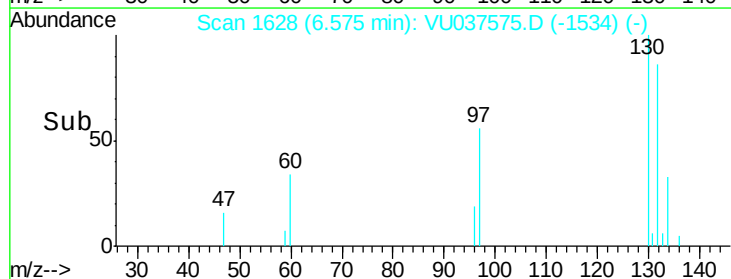
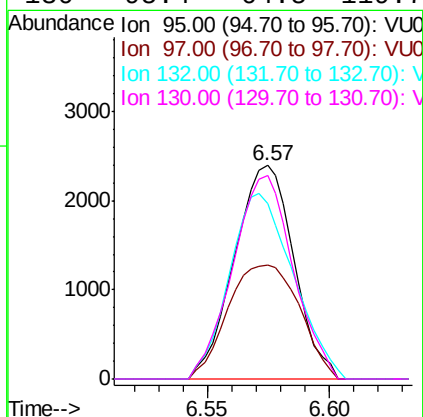
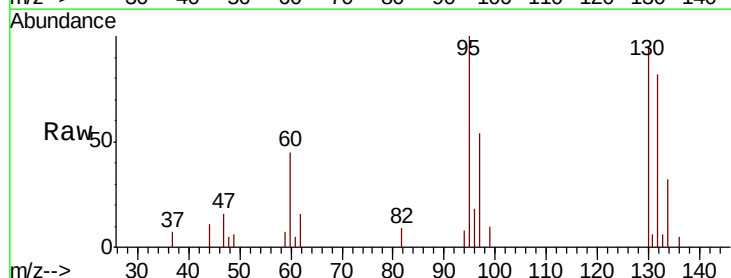
Instrument :
 MSVOA_U
 ClientSampleId :
 C0EZ5

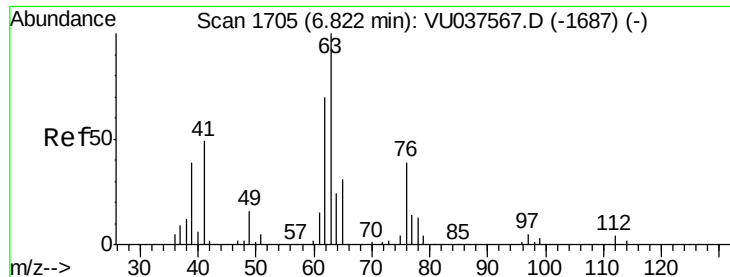
Tot Ion: 96 Resp: 733
 Ion Ratio Lower Upper
 96 100
 61 1278.4 117.2 217.8#
 63 10581.1 90.9 168.9#



#34
 Trichloroethene
 Concen: 3.627 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037575.D
 Acq: 03 Apr 2020 18:39

Tgt Ion: 95 Resp: 4042
 Ion Ratio Lower Upper
 95 100
 97 53.6 45.2 84.0
 132 82.2 63.7 118.3
 130 95.4 64.5 119.7

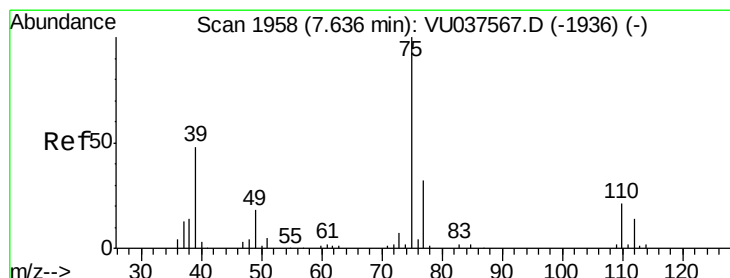
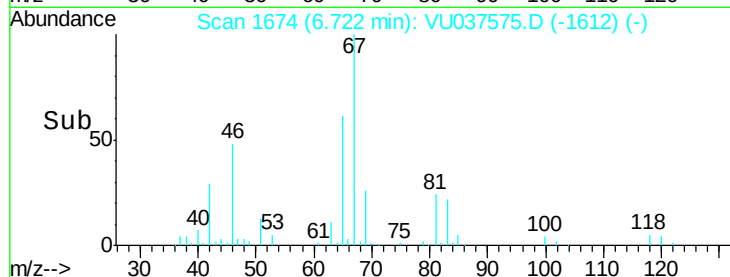
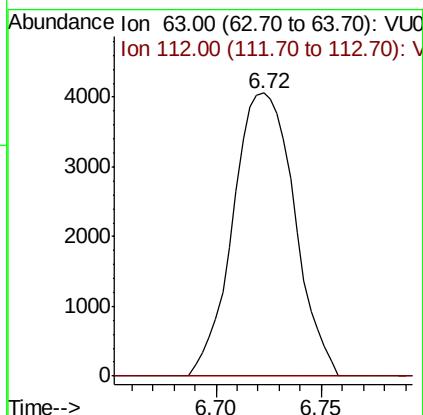
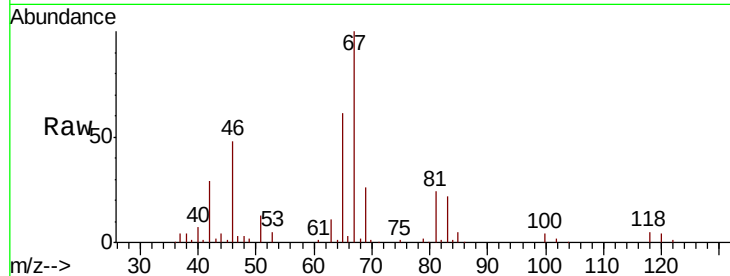




#37
 1,2-Dichloropropane
 Concen: 6.764 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037575.D
 Acq: 03 Apr 2020 18:39

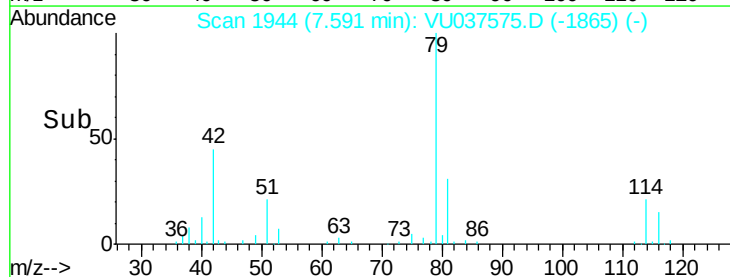
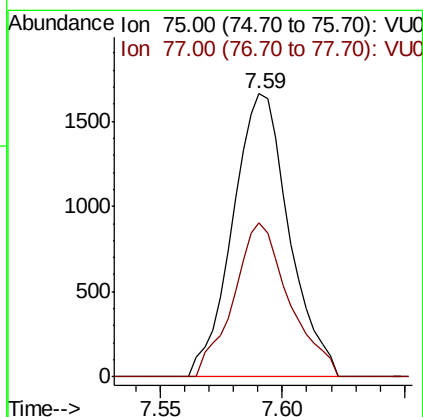
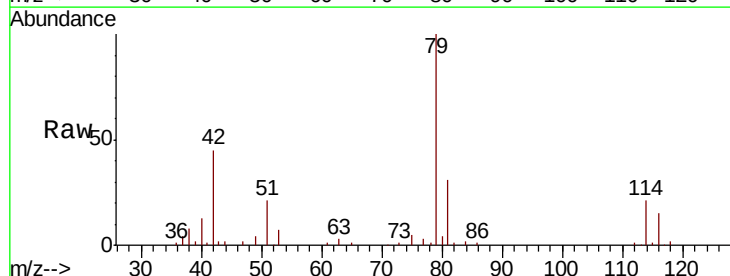
Instrument :
 MSVOA_U
 ClientSampled :
 C0EZ5

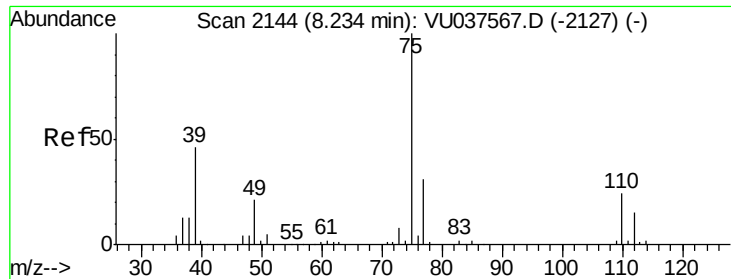
Tot Ion: 63 Resp: 8215
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.404 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037575.D
 Acq: 03 Apr 2020 18:39

Tgt Ion: 75 Resp: 2663
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 1.003 ug/L

RT: 8.20 min Scan# 2134

Delta R.T. -0.03 min

Lab File: VU037575.D

Acq: 03 Apr 2020 18:39

Instrument :

MSVOA_U

ClientSampleId :

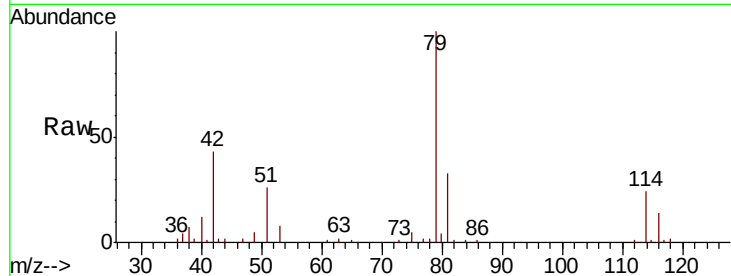
C0EZ5

Tot Ion: 75 Resp: 1873

Ion Ratio Lower Upper

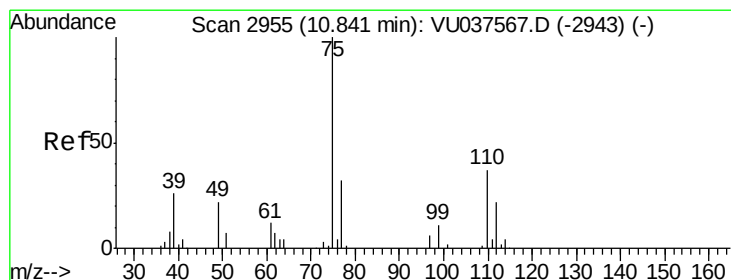
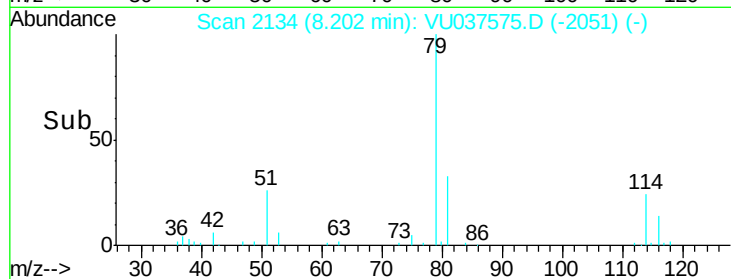
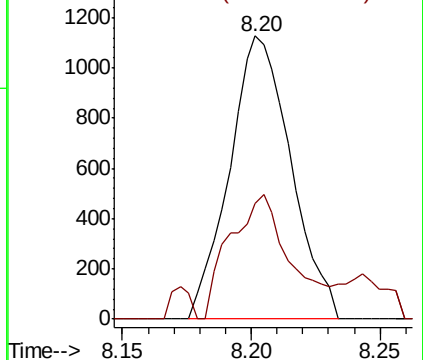
75 100

77 40.6 23.4 43.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 7.359 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037575.D

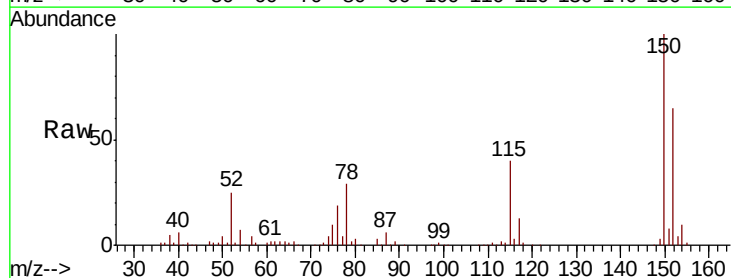
Acq: 03 Apr 2020 18:39

Tgt Ion: 75 Resp: 11489

Ion Ratio Lower Upper

75 100

77 36.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

