

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052920\NOT REVIEWED DATA\
 Data File : VU038371.D
 Acq On : 29 May 2020 10:59
 Operator : JC/MD
 Sample : L2793-03DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 17:29:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 16:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	633651	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	619072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	290486	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	197418	49.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.26%
7) Chloroethane-d5	1.93	69	160423	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.59	63	305399	37.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.12%
21) 2-Butanone-d5	4.66	46	417729	110.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.53%
24) Chloroform-d	5.10	84	393363	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	5.74	65	271442	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
32) Benzene-d6	5.76	84	820885	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
36) 1,2-Dichloropropane-d6	6.72	67	252541	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.92	98	719281	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%
43) trans-1,3-Dichloropropene-	8.20	79	121866	49.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.18%
47) 2-Hexanone-d5	8.65	63	308623	117.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	368276	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	12.20	152	281905	52.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.72%

Target Compounds

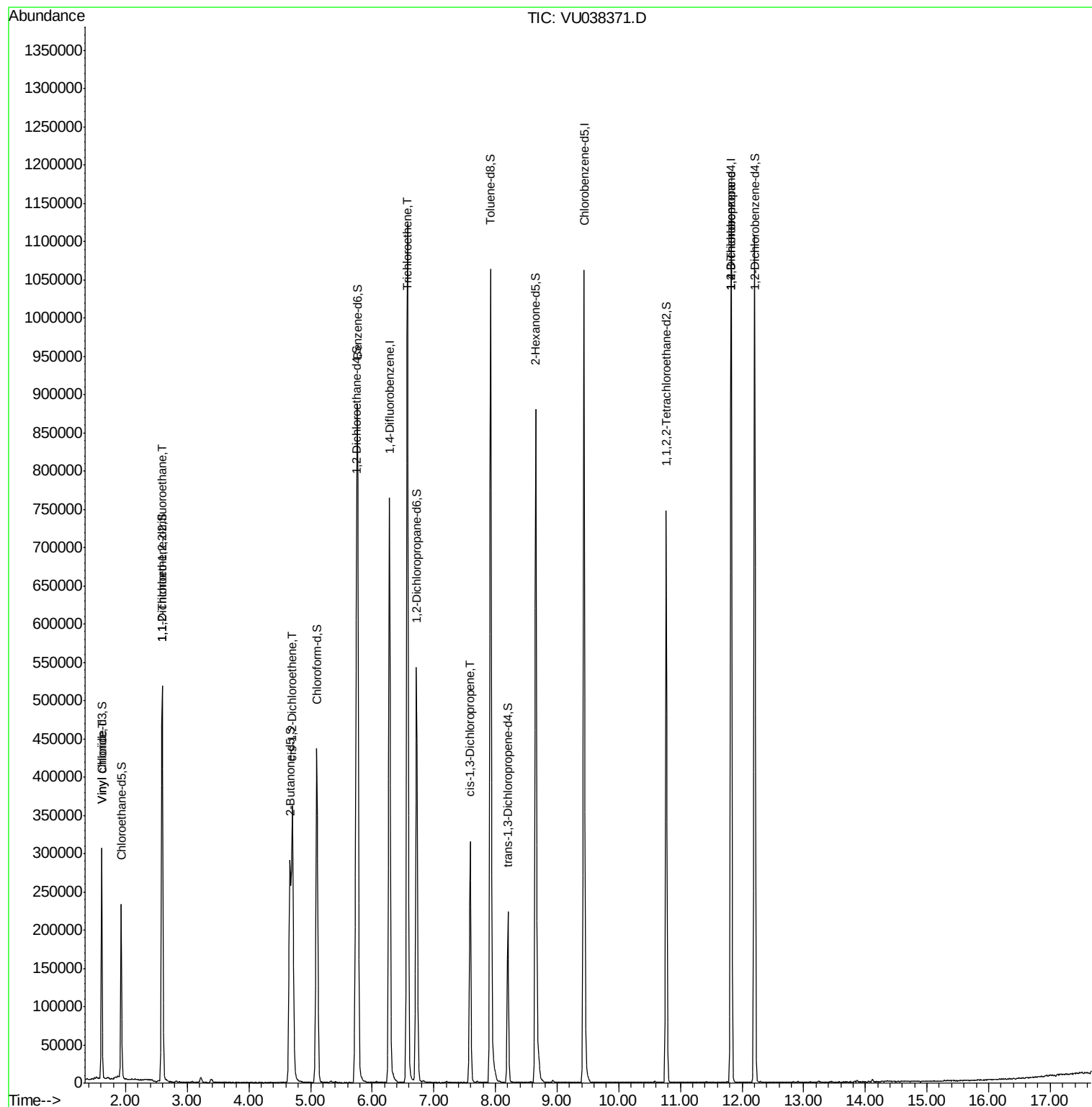
					Ovalue
5) Vinyl chloride	1.62	62	11903	2.451 ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2795	0.718 ug/L #	20
20) cis-1,2-Dichloroethene	4.71	96	167558	37.065 ug/L	99
34) Trichloroethene	6.57	95	380920	85.627 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	8111	1.130 ug/L #	67
59) 1,2,3-Trichloropropane	11.82	75	37080	5.880 ug/L	92

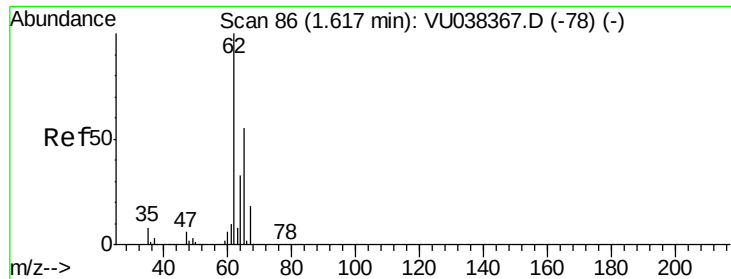
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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QLast Update : Fri May 29 16:52:36 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.451 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU038371.D

Acq: 29 May 2020 10:59

Instrument :

MSVOA_U

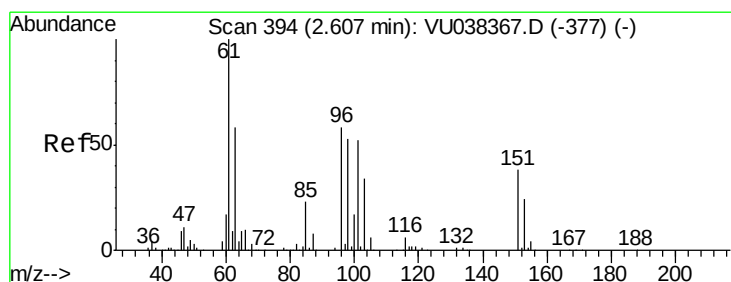
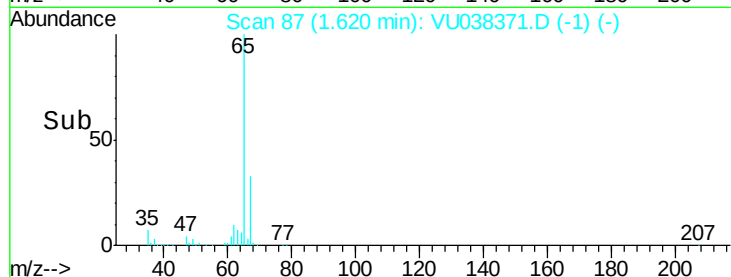
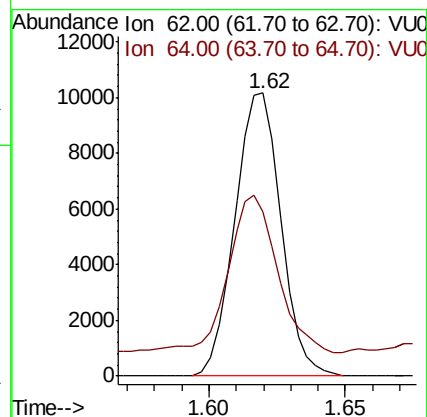
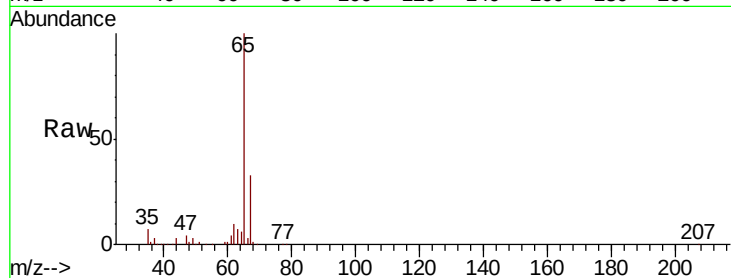
ClientSampleId :

Tot Ion: 62 Resp: 11903

Ion Ratio Lower Upper

62 100

64 58.0 23.2 43.0#



#10

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

Concen: 0.718 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038371.D

Acq: 29 May 2020 10:59

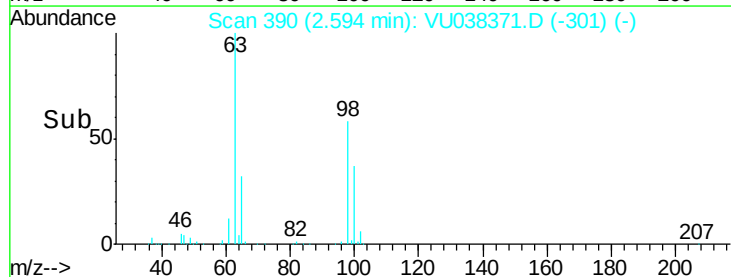
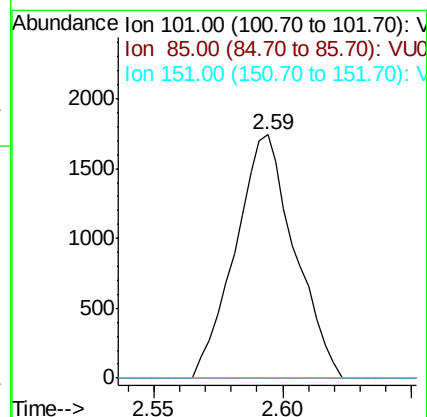
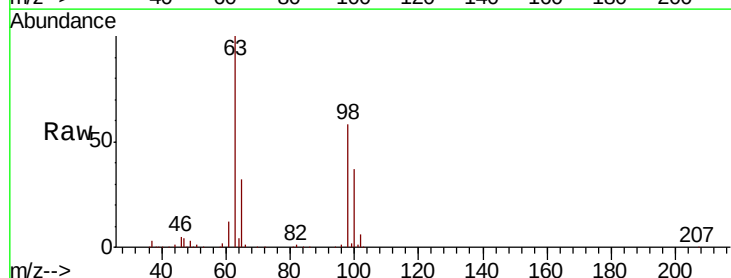
Tgt Ion: 101 Resp: 2795

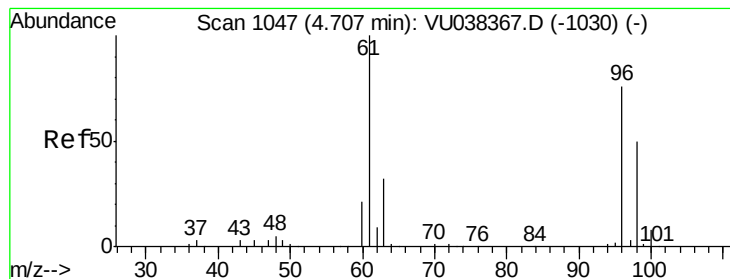
Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

151 0.0 58.4 87.6#





#20

cis-1,2-Dichloroethene

Concen: 37.065 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038371.D

Acq: 29 May 2020 10:59

Instrument :
MSVOA_U
ClientSampled :

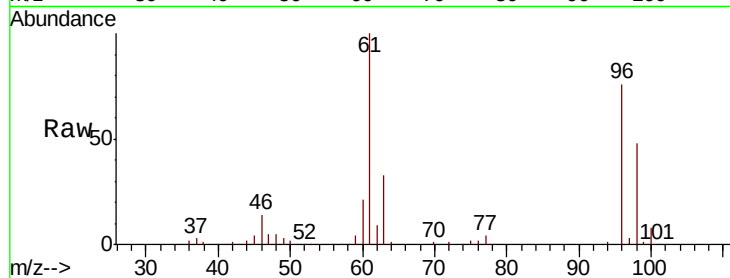
Tot Ion: 96 Resp: 167558

Ion Ratio Lower Upper

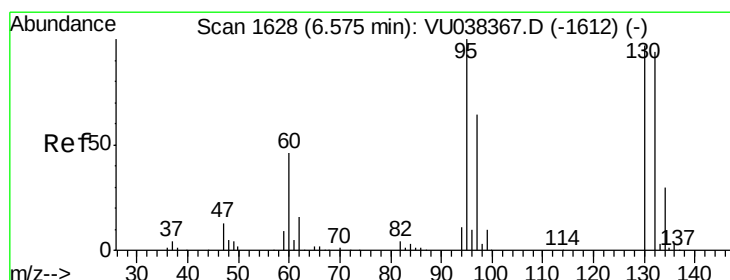
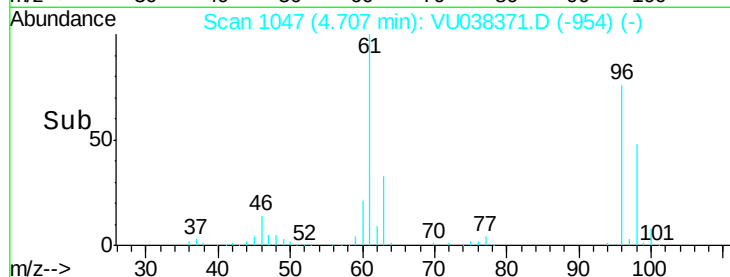
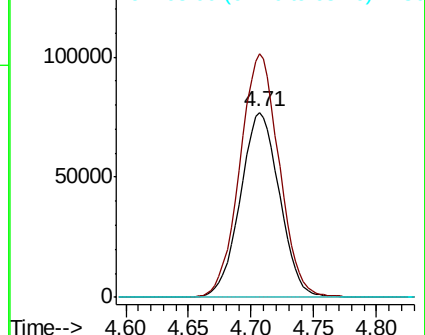
96 100

61 131.6 93.4 173.4

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



#34

Trichloroethene

Concen: 85.627 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038371.D

Acq: 29 May 2020 10:59

Tgt Ion: 95 Resp: 380920

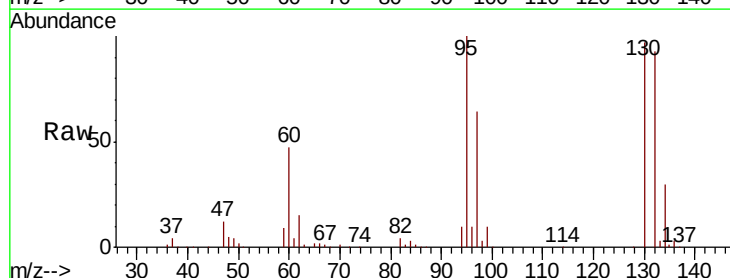
Ion Ratio Lower Upper

95 100

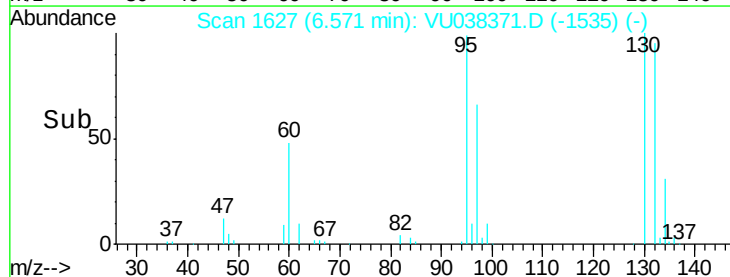
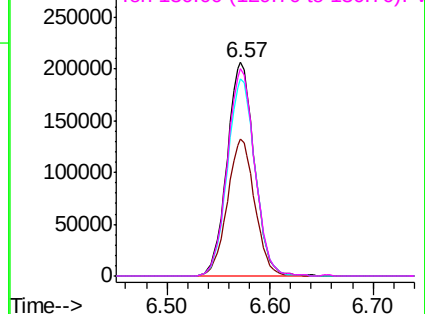
97 64.0 44.3 82.3

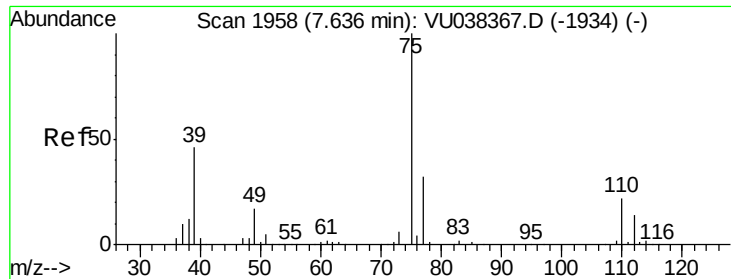
132 92.6 64.7 120.1

130 96.9 68.5 127.1



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

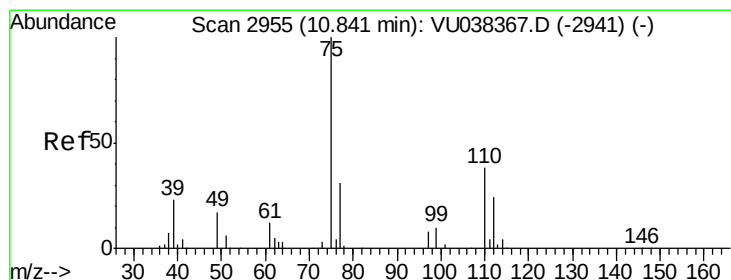
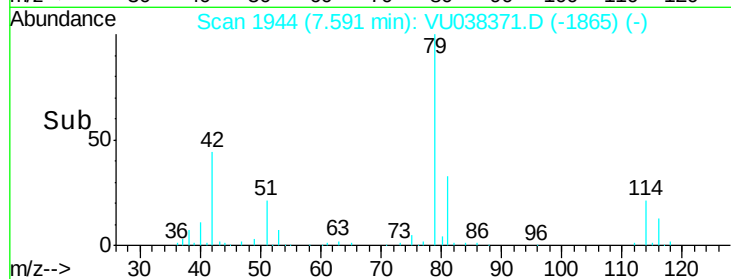
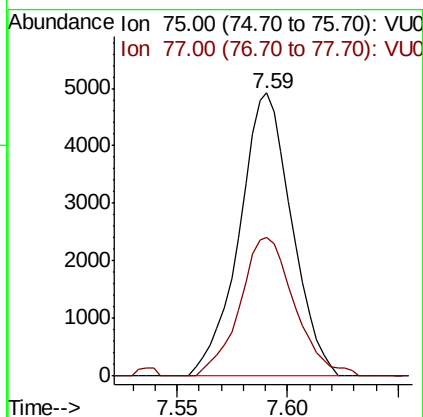
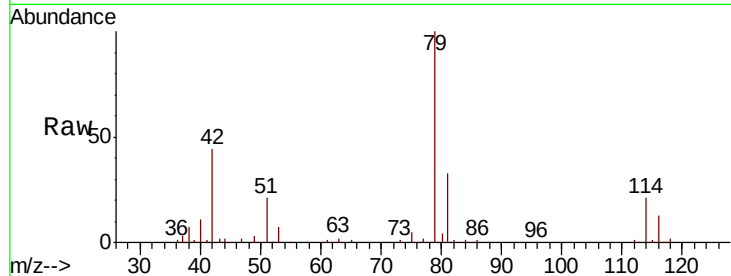




#39
 cis-1,3-Dichloropropene
 Concen: 1.130 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038371.D
 Acq: 29 May 2020 10:59

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 8111
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.6 40.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.880 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038371.D
 Acq: 29 May 2020 10:59

Tgt Ion: 75 Resp: 37080
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.8 38.8

