

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040720\
 Data File : VU037599.D
 Acq On : 07 Apr 2020 10:35
 Operator : JC/MD
 Sample : VU0407WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

Quant Time: Apr 08 02:27:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 08 02:25:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	152676	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	141210	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	64064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70222	56.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.26%
7) Chloroethane-d5	1.93	69	53322	53.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.04%
11) 1,1-Dichloroethene-d2	2.59	63	90499	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.84%
21) 2-Butanone-d5	4.66	46	110578	118.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.65%
24) Chloroform-d	5.10	84	111303	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
26) 1,2-Dichloroethane-d4	5.74	65	75033	54.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.20%
32) Benzene-d6	5.76	84	237228	57.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.96%
36) 1,2-Dichloropropane-d6	6.72	67	80808	58.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.34%
41) Toluene-d8	7.92	98	215960	56.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.28%
43) trans-1,3-Dichloropropene-	8.20	79	40025	53.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.04%
47) 2-Hexanone-d5	8.65	63	81623	111.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109445	55.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.18%
64) 1,2-Dichlorobenzene-d4	12.21	152	75260	57.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.14%

Target Compounds

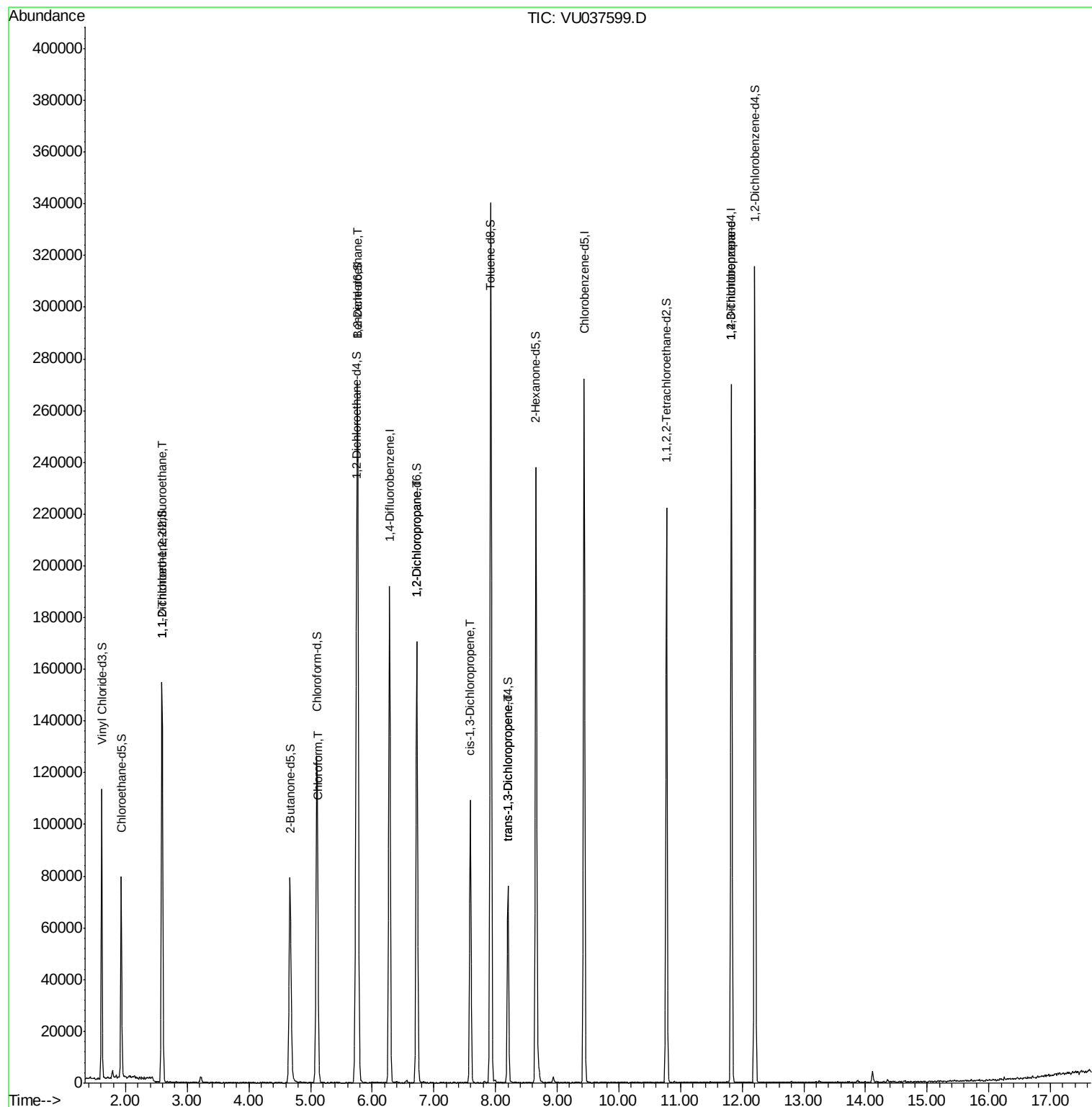
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	882	1.048 ug/L #	22
25) Chloroform	5.12	83	2477	1.379 ug/L	94
27) 1,2-Dichloroethane	5.76	62	1522	1.098 ug/L #	75
37) 1,2-Dichloropropane	6.72	63	8359	7.929 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2827	1.717 ug/L	95
44) trans-1,3-Dichloropropene	8.20	75	1872	1.154 ug/L #	72
59) 1,2,3-Trichloropropane	11.82	75	9518	7.023 ug/L	94

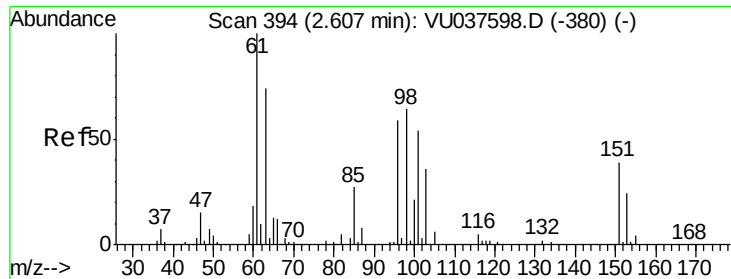
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 08 02:25:30 2020
Response via : Initial Calibration





#10

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

Concen: 1.048 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU037599.D

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MSVOA_U

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VBLK48

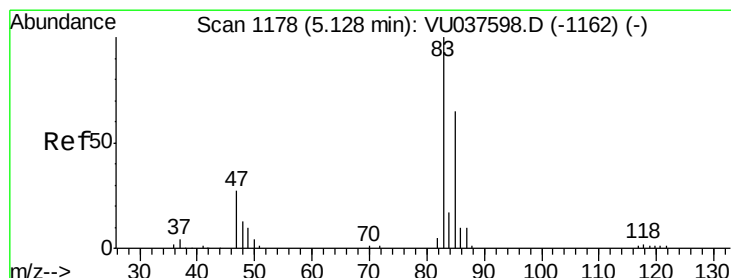
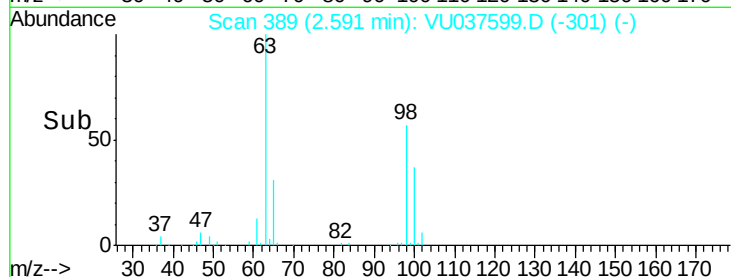
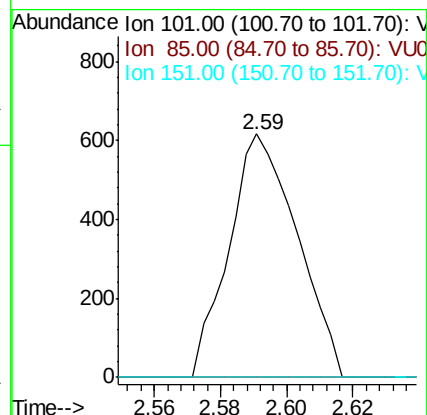
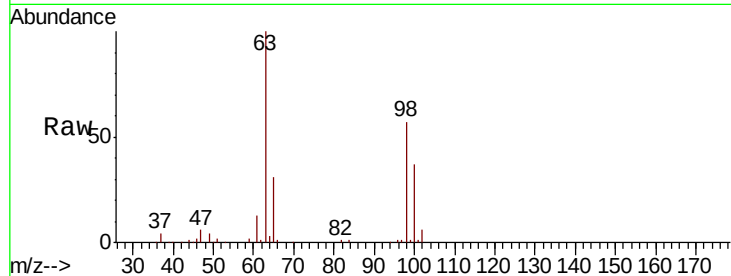
Tot Ion:101 Resp: 882

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

151 0.0 55.3 82.9#



#25

Chloroform

Concen: 1.379 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037599.D

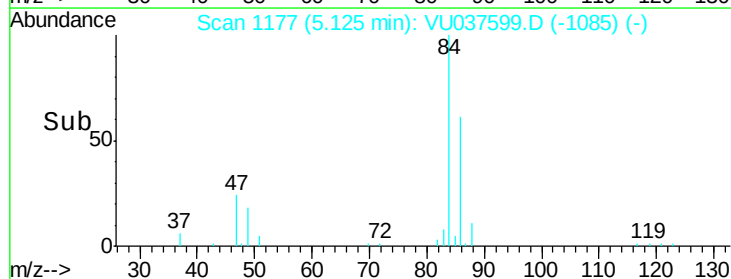
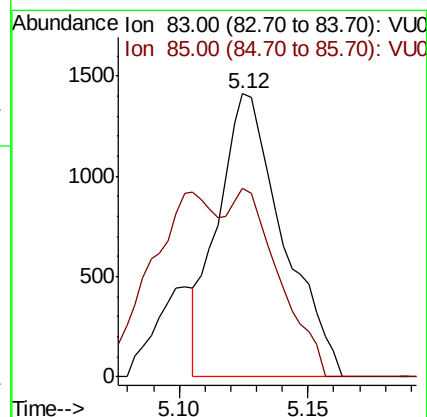
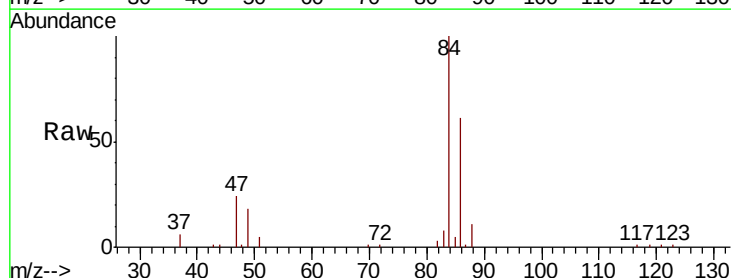
Acq: 07 Apr 2020 10:35

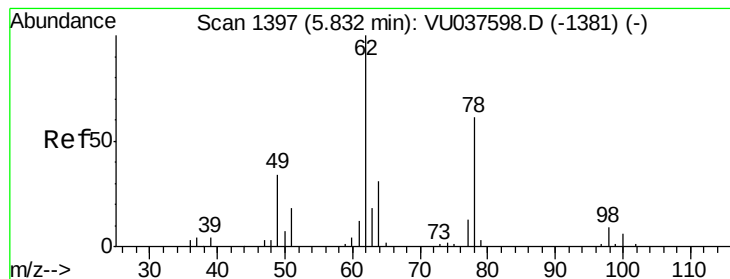
Tgt Ion: 83 Resp: 2477

Ion Ratio Lower Upper

83 100

85 66.8 43.7 81.1





#27

1,2-Dichloroethane

Concen: 1.098 ug/L

RT: 5.76 min Scan# 1375

Delta R.T. -0.07 min

Lab File: VU037599.D

Acq: 07 Apr 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

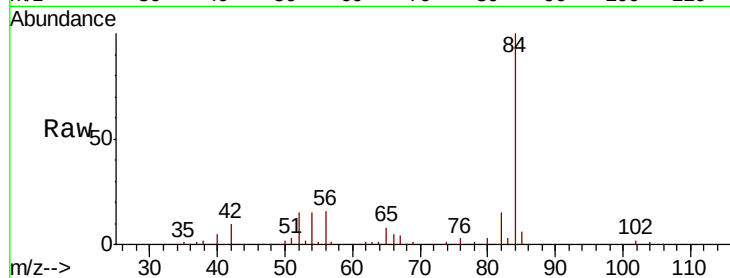
VBLK48

Tot Ion: 62 Resp: 1522

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



Abundance Ion 62.00 (61.70 to 62.70): VU037599.D (-1375) (-)

Ion 98.00 (97.70 to 98.70): VU037599.D (-1375) (-)

5.76

800

600

400

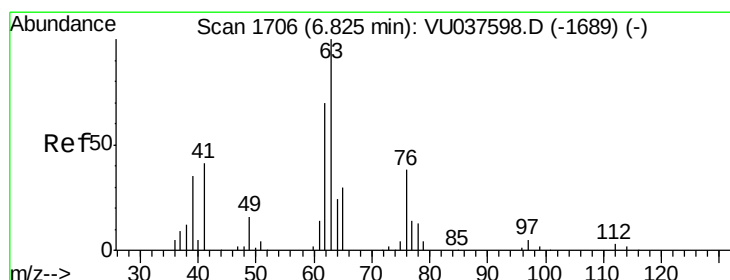
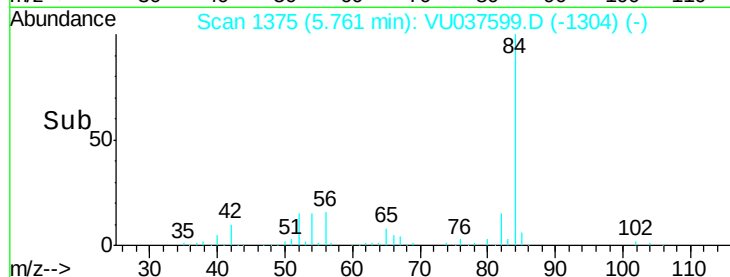
200

0

5.75

5.80

Time-->



#37

1,2-Dichloropropane

Concen: 7.929 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037599.D

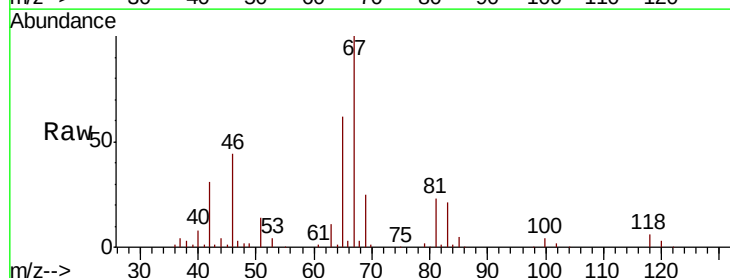
Acq: 07 Apr 2020 10:35

Tgt Ion: 63 Resp: 8359

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU037599.D (-1674) (-)

Ion 112.00 (111.70 to 112.70): VU037599.D (-1674) (-)

6.72

5000

4000

3000

2000

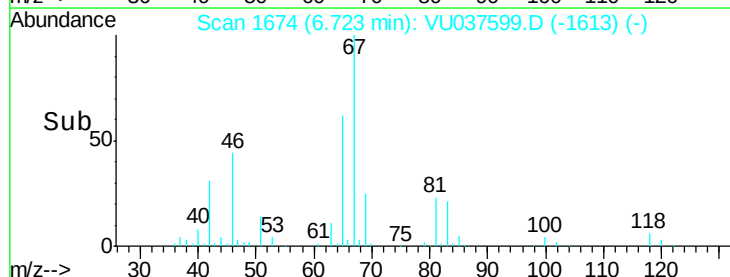
1000

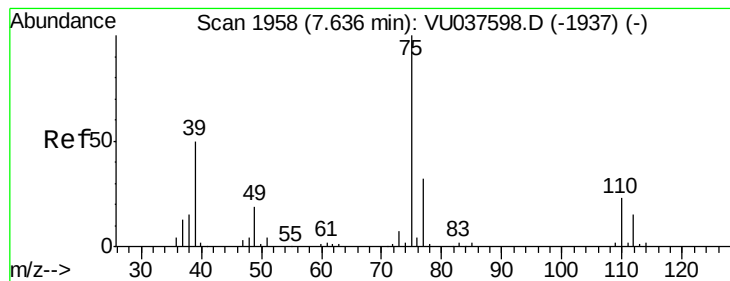
0

6.70

6.75

Time-->



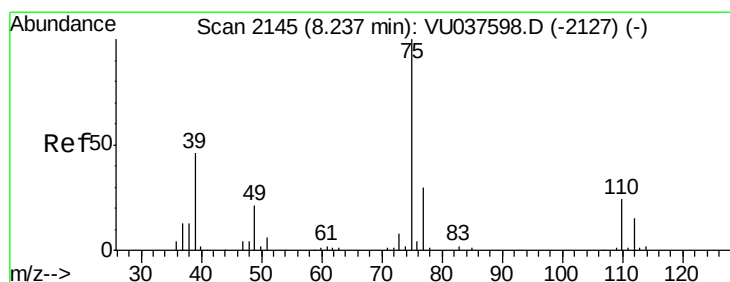
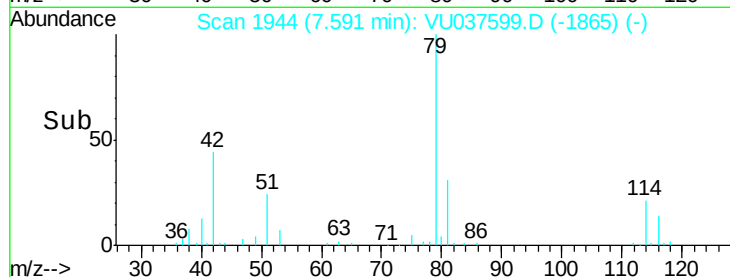
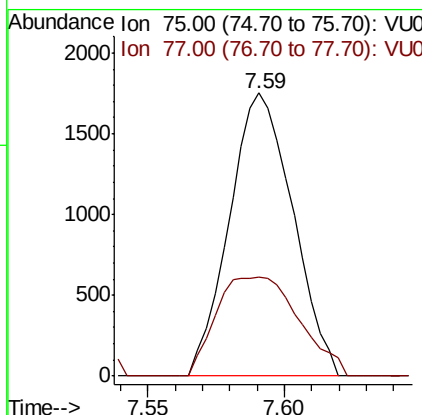
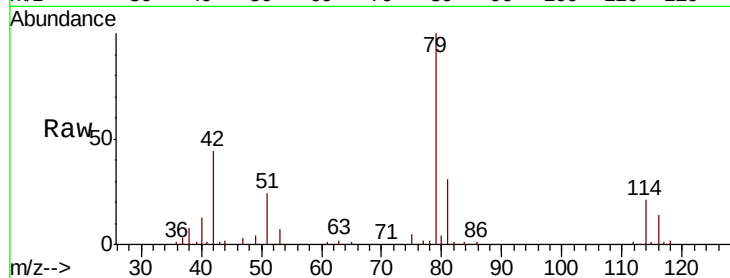


#39

cis-1,3-Dichloropropene
 Concen: 1.717 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037599.D
 Acq: 07 Apr 2020 10:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

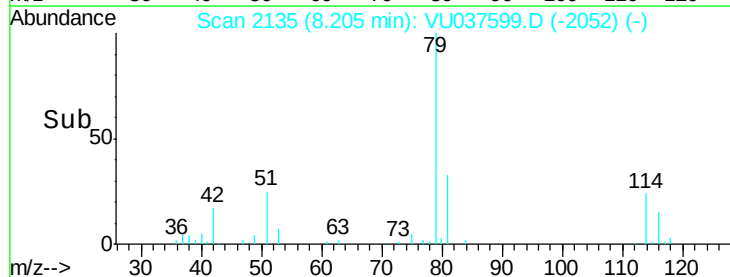
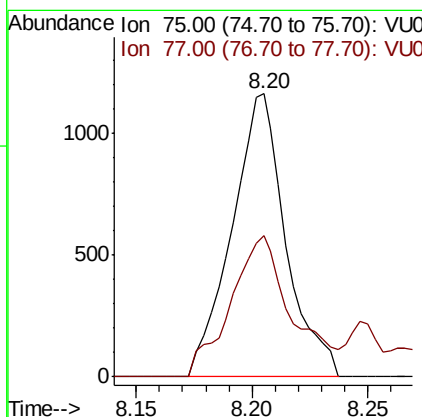
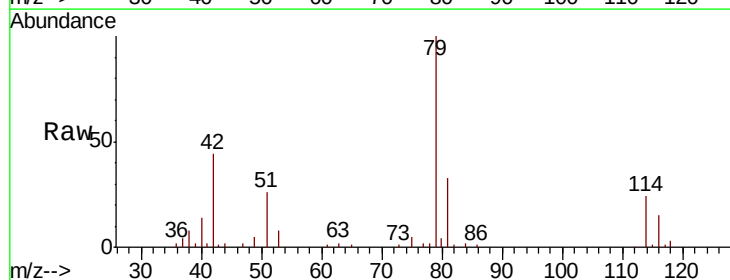
Tot Ion: 75 Resp: 2827
 Ion Ratio Lower Upper
 75 100
 77 34.9 22.5 41.7

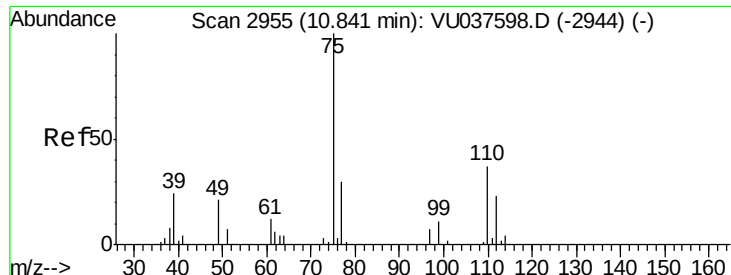


#44

trans-1,3-Dichloropropene
 Concen: 1.154 ug/L
 RT: 8.20 min Scan# 2135
 Delta R.T. -0.03 min
 Lab File: VU037599.D
 Acq: 07 Apr 2020 10:35

Tgt Ion: 75 Resp: 1872
 Ion Ratio Lower Upper
 75 100
 77 49.7 23.4 43.6#





#59

1,2,3-Trichloropropane

Concen: 7.023 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037599.D

Acq: 07 Apr 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VBLK48

Tot Ion: 75 Resp: 9518

Ion Ratio Lower Upper

75 100

77 35.2 25.5 38.3

