

Data File : VU036963.D
Acq On : 28 Feb 2020 11:20
Operator : JC/MD
Sample : L1687-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS6DL

Quant Time: Feb 29 00:33:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254647	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	244715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90233	42.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	82799	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.58%
11) 1,1-Dichloroethene-d2	2.59	63	119169	33.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.56%
21) 2-Butanone-d5	4.67	46	156866	109.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.36%
24) Chloroform-d	5.11	84	159972	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.74	65	111446	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.76	84	347920	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
36) 1,2-Dichloropropane-d6	6.72	67	113413	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.94%
41) Toluene-d8	7.93	98	316536	48.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.42%
43) trans-1,3-Dichloropropene-	8.20	79	49730	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.34%
47) 2-Hexanone-d5	8.66	63	114793	102.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	161219	49.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	93084	54.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.52%

Target Compounds

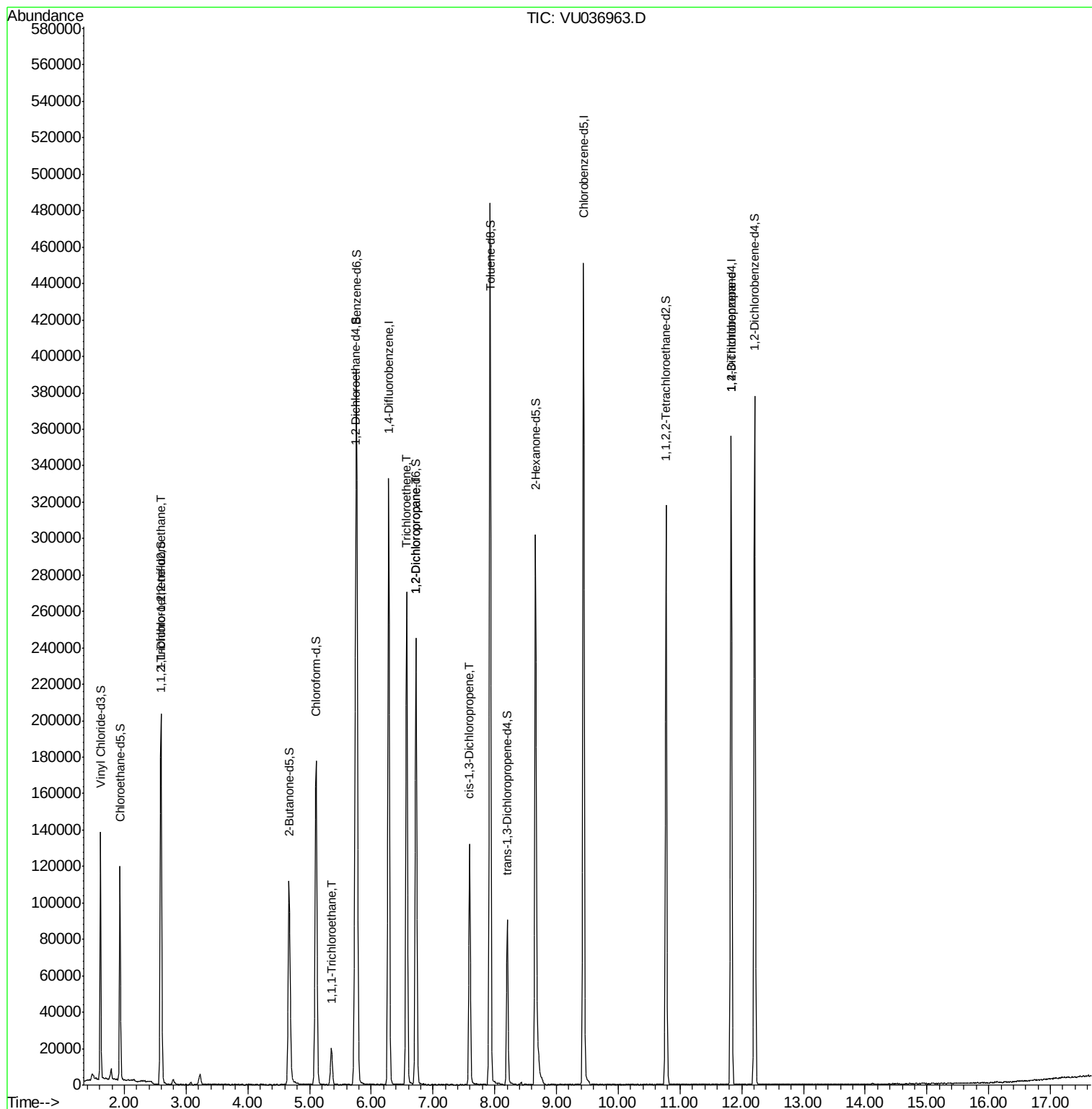
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	4947	3.042 ug/L #	83
30) 1,1,1-Trichloroethane	5.35	97	14659	5.587 ug/L	98
34) Trichloroethene	6.57	95	92460	48.660 ug/L	99
37) 1,2-Dichloropropane	6.72	63	12457	5.984 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3397	1.059 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	13555	5.062 ug/L	97

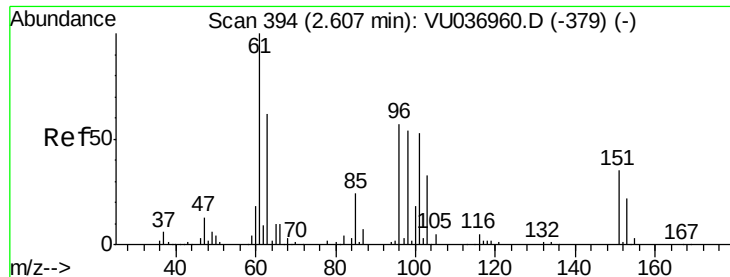
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 3.042 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

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C0AS6DL

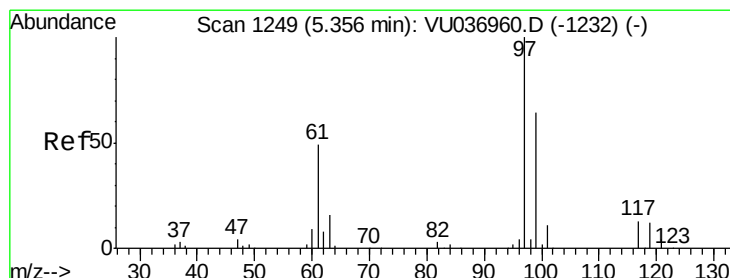
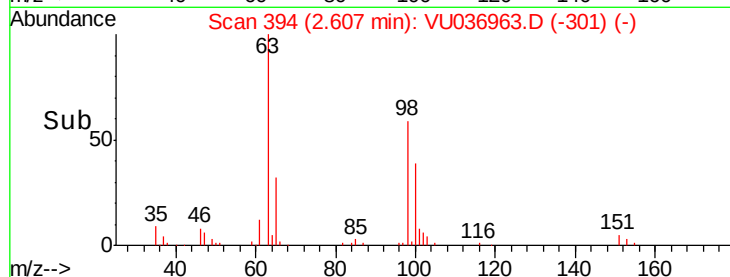
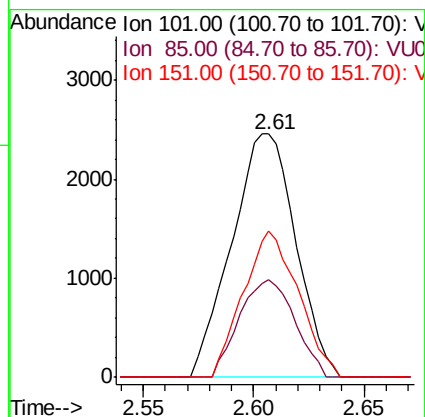
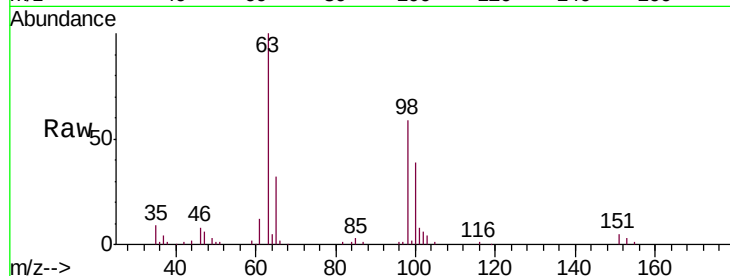
Tgt Ion:101 Resp: 4947

Ion Ratio Lower Upper

101 100

85 34.7 36.4 54.6#

151 51.8 52.4 78.6#



#30

1,1,1-Trichloroethane

Concen: 5.587 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU036963.D

Acq: 28 Feb 2020 11:20

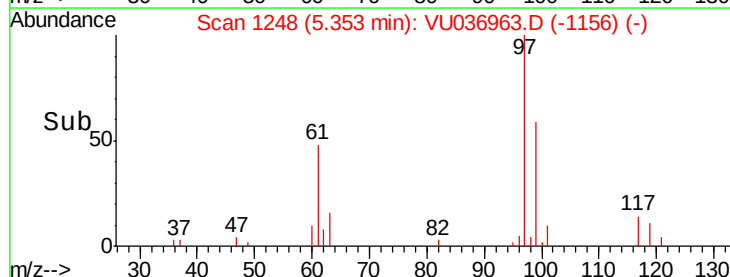
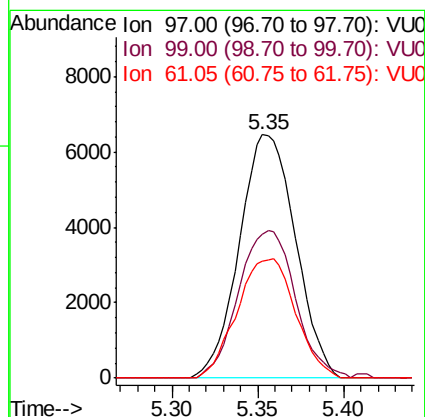
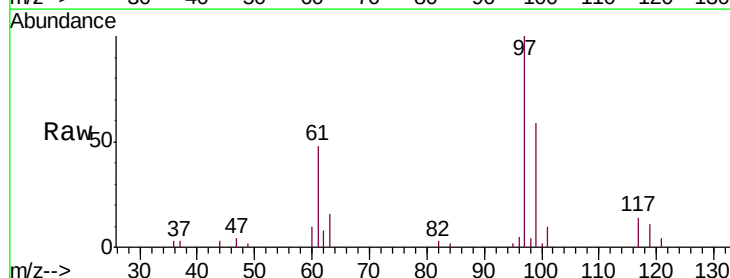
Tgt Ion: 97 Resp: 14659

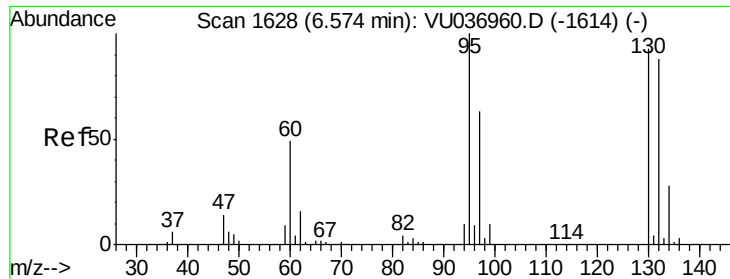
Ion Ratio Lower Upper

97 100

99 61.3 50.4 75.6

61 50.9 40.3 60.5





#34

Trichloroethene

Concen: 48.660 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036963.D

Acq: 28 Feb 2020 11:20

Instrument :

MSVOA_U

ClientSampleId :

C0AS6DL

Tgt Ion: 95 Resp: 92460

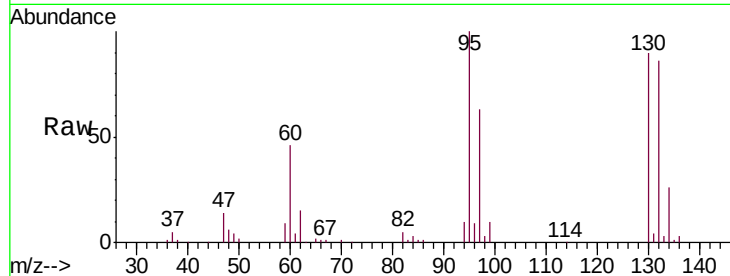
Ion Ratio Lower Upper

95 100

97 62.7 44.1 81.9

132 85.8 60.6 112.6

130 90.3 64.9 120.5

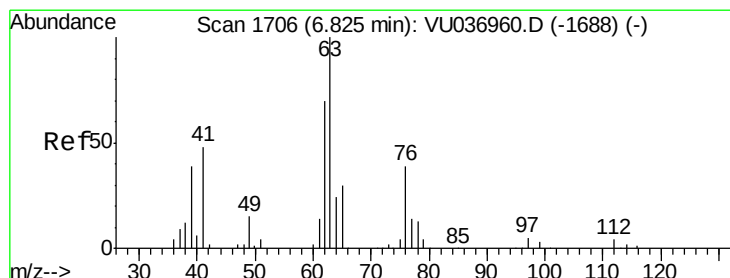
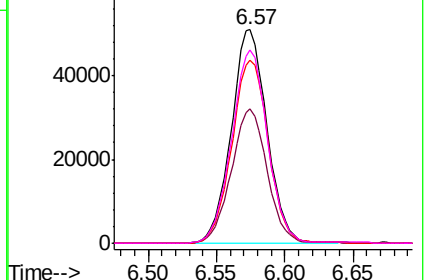
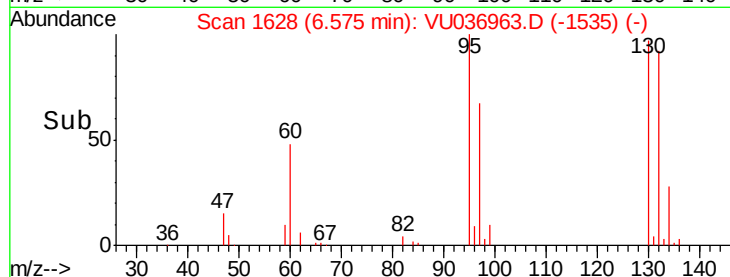


Abundance Ion 95.00 (94.70 to 95.70): VU036963.D (-1535) (-)

Ion 97.00 (96.70 to 97.70): VU036963.D (-1535) (-)

Ion 132.00 (131.70 to 132.70): VU036963.D (-1535) (-)

Ion 130.00 (129.70 to 130.70): VU036963.D (-1535) (-)



#37

1,2-Dichloropropane

Concen: 5.984 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036963.D

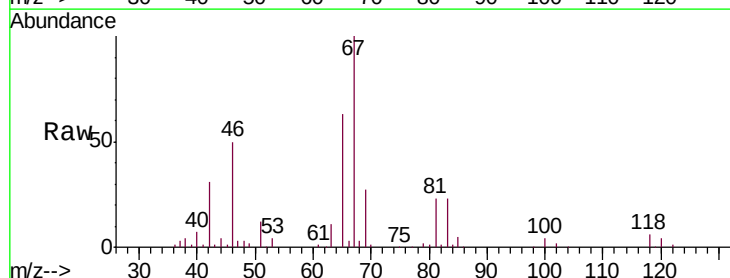
Acq: 28 Feb 2020 11:20

Tgt Ion: 63 Resp: 12457

Ion Ratio Lower Upper

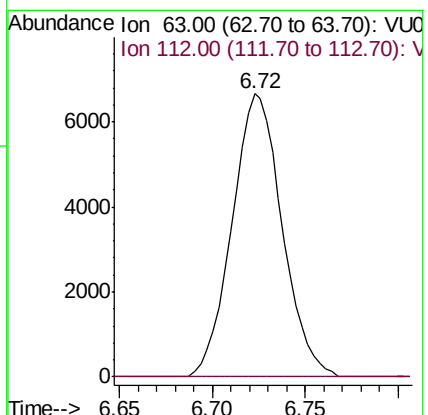
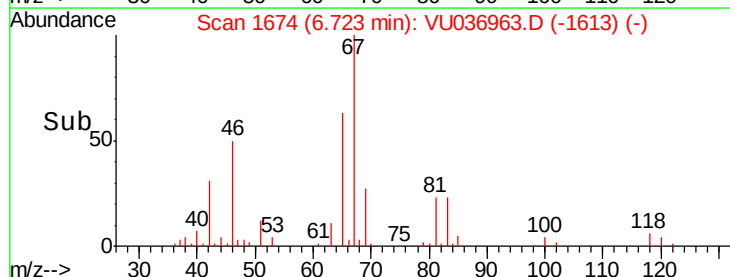
63 100

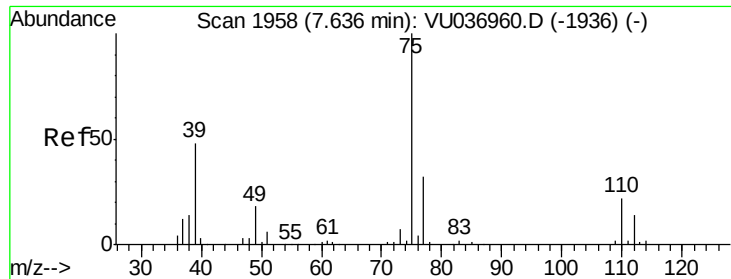
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036963.D (-1613) (-)

Ion 112.00 (111.70 to 112.70): VU036963.D (-1613) (-)

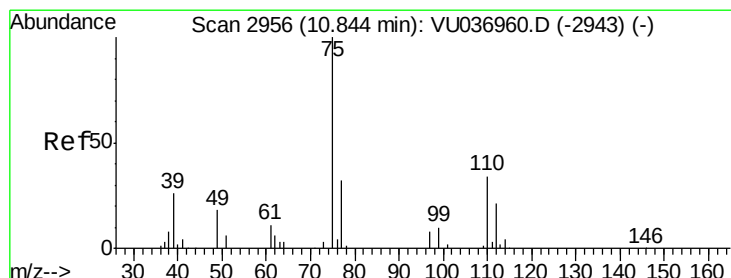
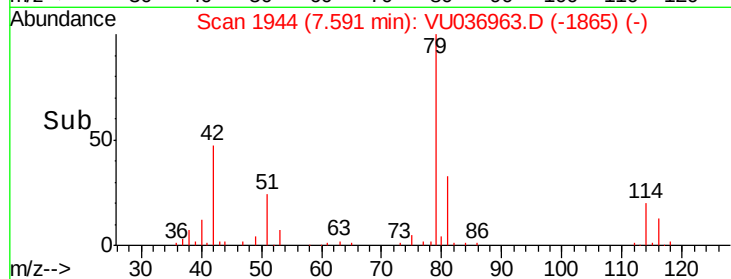
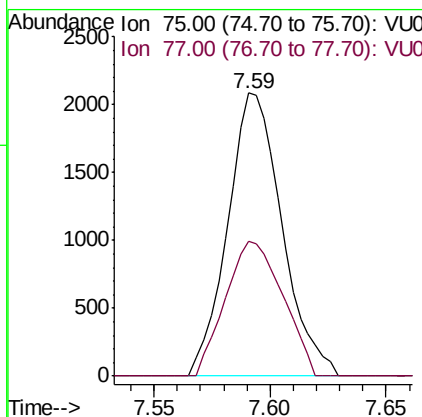
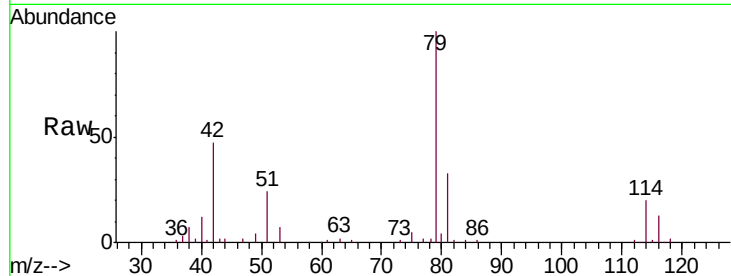




#39
 cis-1,3-Dichloropropene
 Concen: 1.059 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU036963.D
 Acq: 28 Feb 2020 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS6DL

Tgt Ion: 75 Resp: 3397
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.062 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036963.D
 Acq: 28 Feb 2020 11:20

Tgt Ion: 75 Resp: 13555
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.2 39.2

