

Data File : VU036985.D
Acq On : 28 Feb 2020 20:02
Operator : JC/MD
Sample : L1729-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

Quant Time: Feb 29 00:36:53 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	242749	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	230443	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80628	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.10%
7) Chloroethane-d5	1.93	69	76538	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.76%
11) 1,1-Dichloroethene-d2	2.59	63	108384	31.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.50%
21) 2-Butanone-d5	4.67	46	146044	106.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.80%
24) Chloroform-d	5.11	84	149580	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
26) 1,2-Dichloroethane-d4	5.74	65	104515	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
32) Benzene-d6	5.76	84	324832	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
36) 1,2-Dichloropropane-d6	6.72	67	107430	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.52%
41) Toluene-d8	7.92	98	293217	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%
43) trans-1,3-Dichloropropene-	8.20	79	45955	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.66	63	109413	103.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.65%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152498	50.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	91549	54.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.02%

Target Compounds

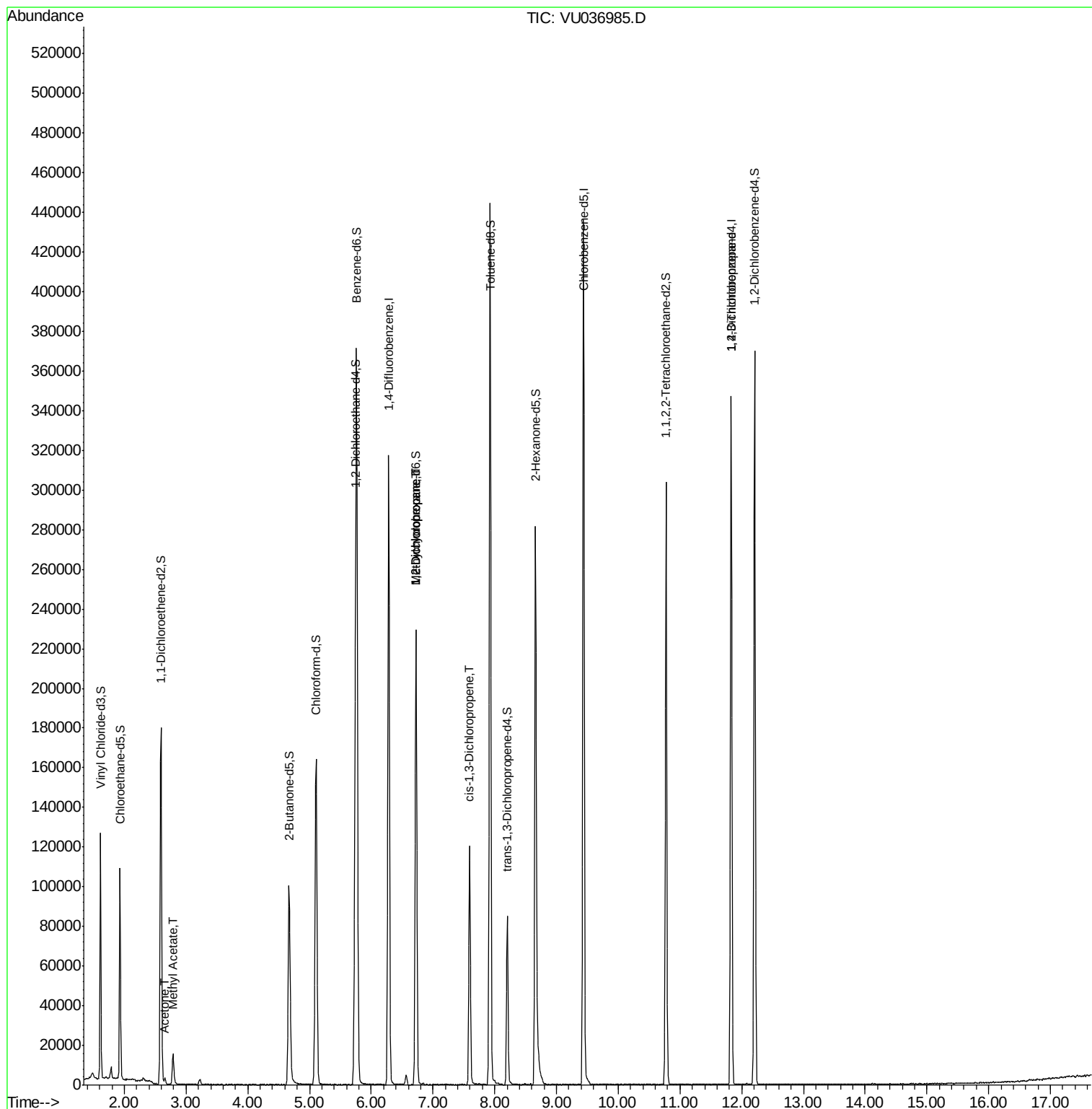
					Qvalue
13) Acetone	2.66	43	3210	2.282 ug/L	100
15) Methyl Acetate	2.79	43	4499	2.099 ug/L #	52
35) Methylcyclohexane	6.72	83	23633	7.618 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11014	5.619 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2725	0.902 ug/L #	58
59) 1,2,3-Trichloropropane	11.83	75	12584	4.990 ug/L	94

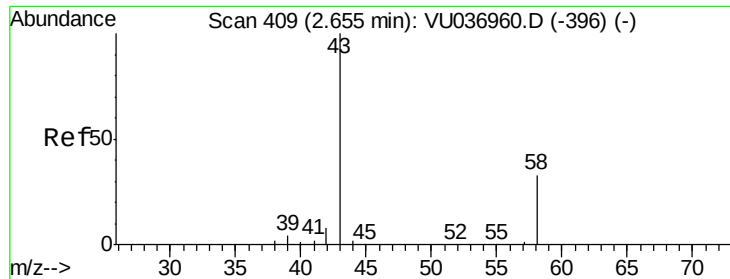
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.282 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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Acq: 28 Feb 2020 20:02

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MSVOA_U

ClientSampleId :

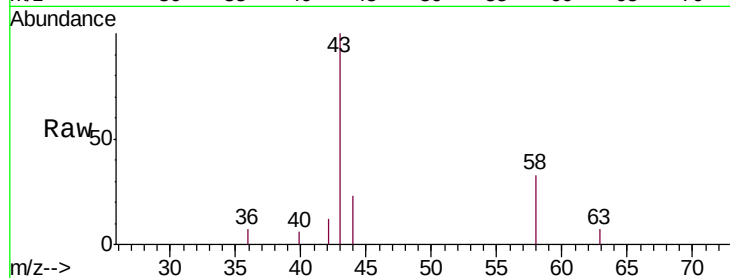
C0AW5

Tgt Ion: 43 Resp: 3210

Ion Ratio Lower Upper

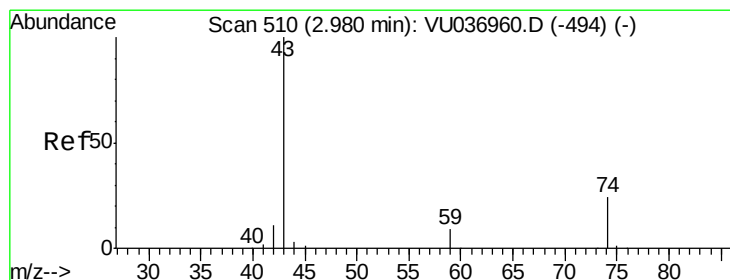
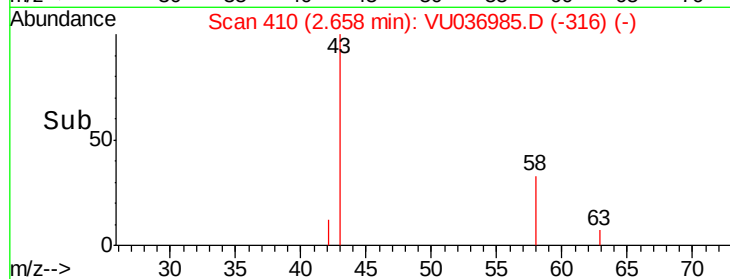
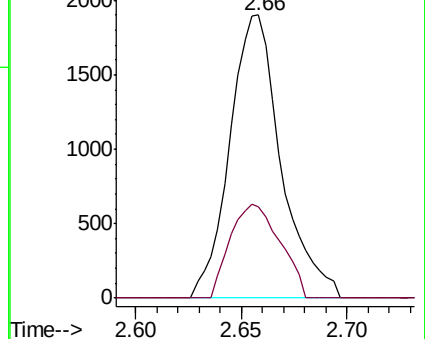
43 100

58 32.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036985.D (-410) (-)

Ion 58.00 (57.70 to 58.70): VU036985.D (-410) (-)



#15

Methyl Acetate

Concen: 2.099 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU036985.D

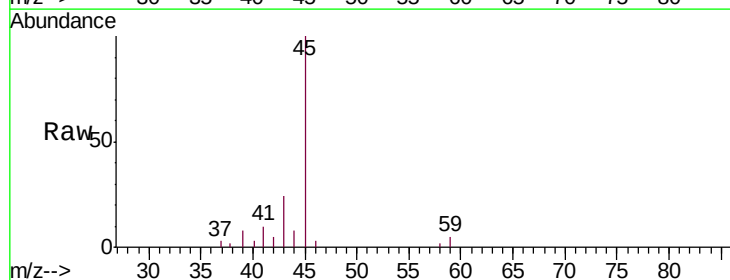
Acq: 28 Feb 2020 20:02

Tgt Ion: 43 Resp: 4499

Ion Ratio Lower Upper

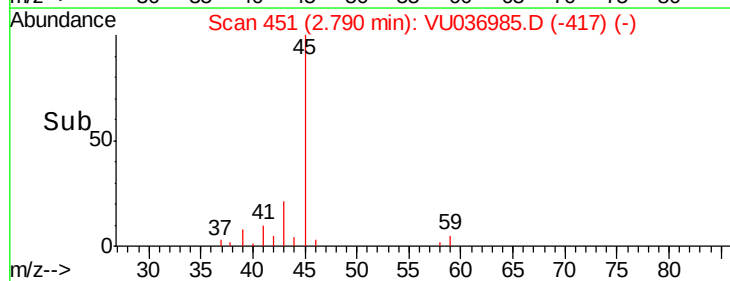
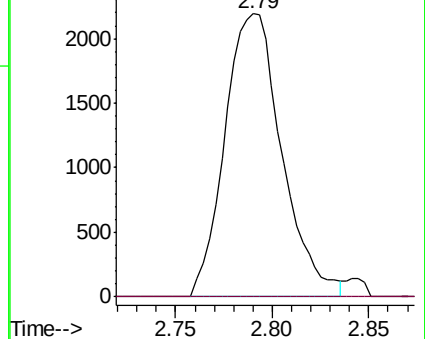
43 100

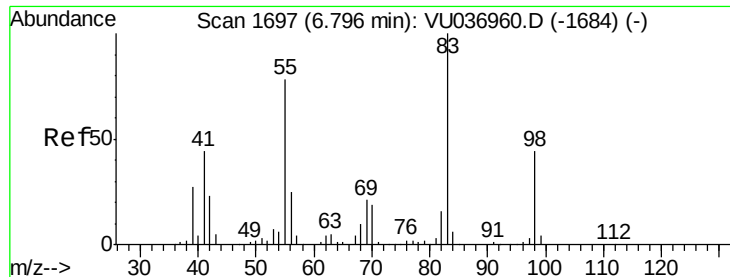
74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036985.D (-417) (-)

Ion 74.00 (73.70 to 74.70): VU036985.D (-417) (-)

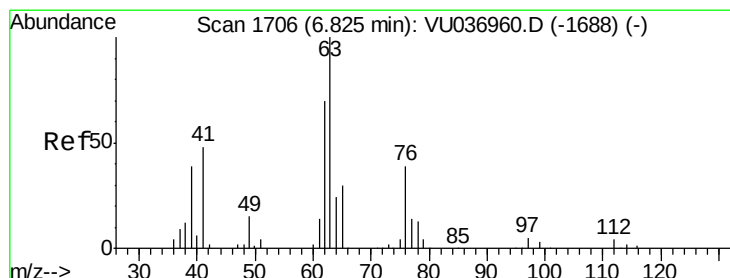
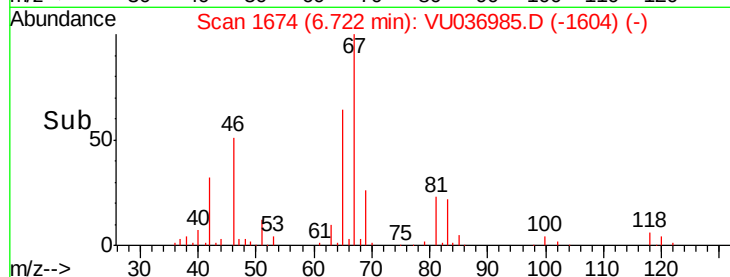
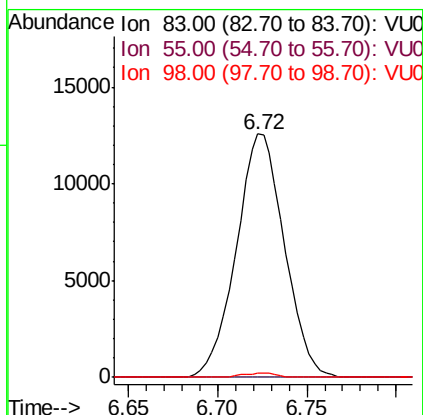
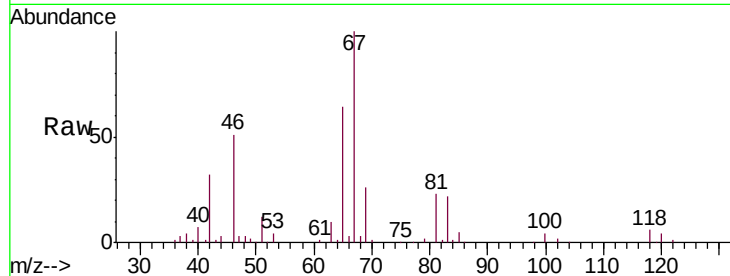




#35
Methylcyclohexane
Concen: 7.618 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036985.D
Acq: 28 Feb 2020 20:02

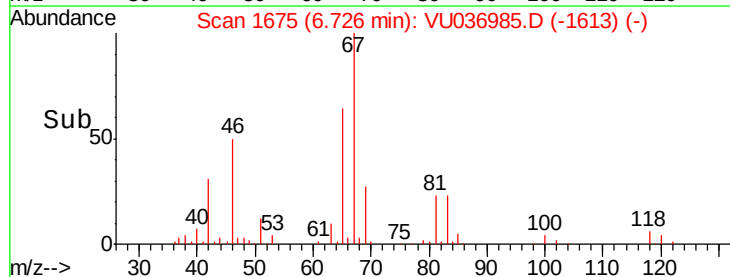
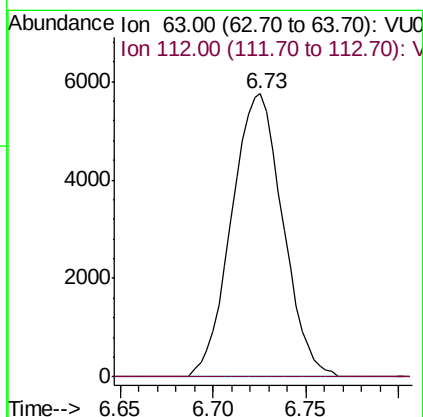
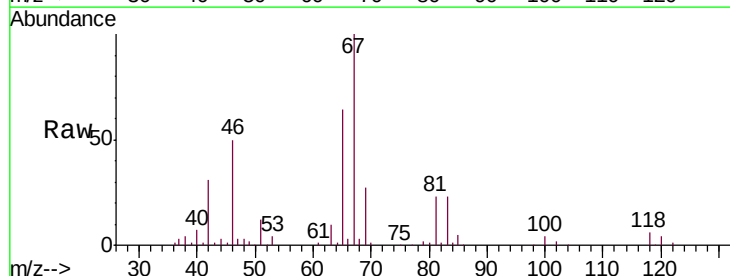
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C0AW5

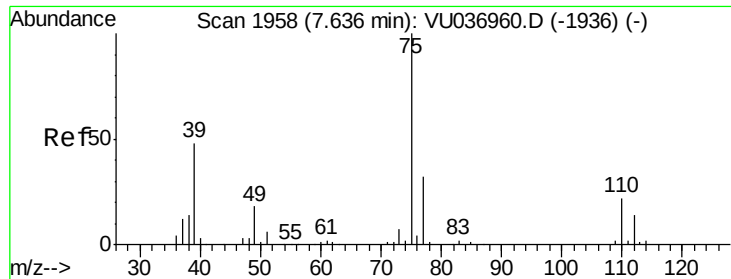
Tgt Ion: 83 Resp: 23633
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.2 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 5.619 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036985.D
Acq: 28 Feb 2020 20:02

Tgt Ion: 63 Resp: 11014
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

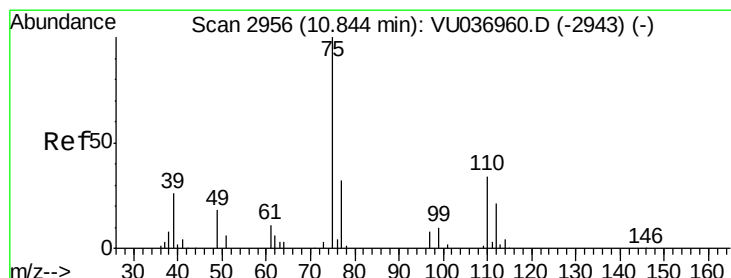
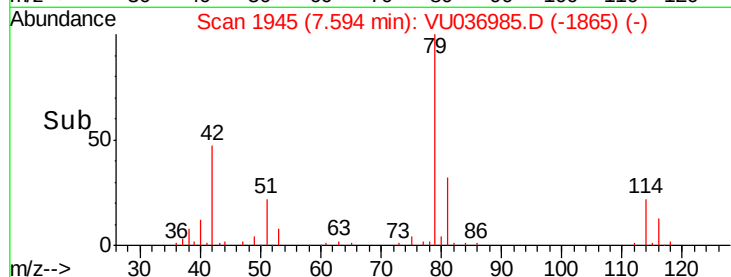
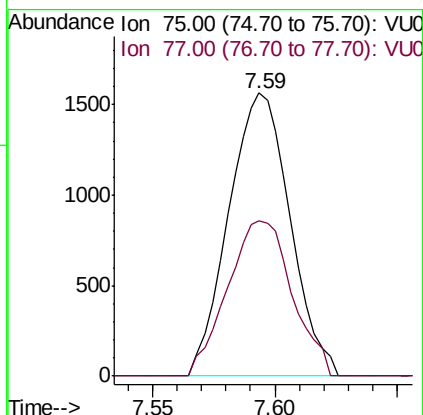
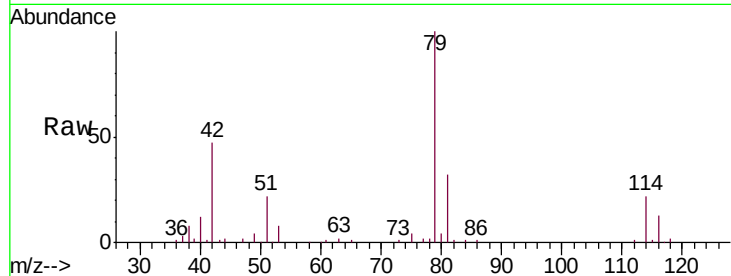




#39
 cis-1,3-Dichloropropene
 Concen: 0.902 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036985.D
 Acq: 28 Feb 2020 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW5

Tgt Ion: 75 Resp: 2725
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.990 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036985.D
 Acq: 28 Feb 2020 20:02

Tgt Ion: 75 Resp: 12584
 Ion Ratio Lower Upper
 75 100
 77 36.0 26.2 39.2

