

Data File : VU036982.D
Acq On : 28 Feb 2020 18:54
Operator : JC/MD
Sample : L1729-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

Quant Time: Feb 29 00:36:28 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	243692	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	232028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84328	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81700	39.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.84%
7) Chloroethane-d5	1.93	69	75526	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	107955	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	4.67	46	146120	106.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.45%
24) Chloroform-d	5.11	84	147742	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	5.74	65	102851	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.76	84	323497	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
36) 1,2-Dichloropropane-d6	6.72	67	107079	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.93	98	290527	46.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.34%
43) trans-1,3-Dichloropropene-	8.20	79	45489	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.66	63	104980	98.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.77%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	150301	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	88256	53.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.08%

Target Compounds

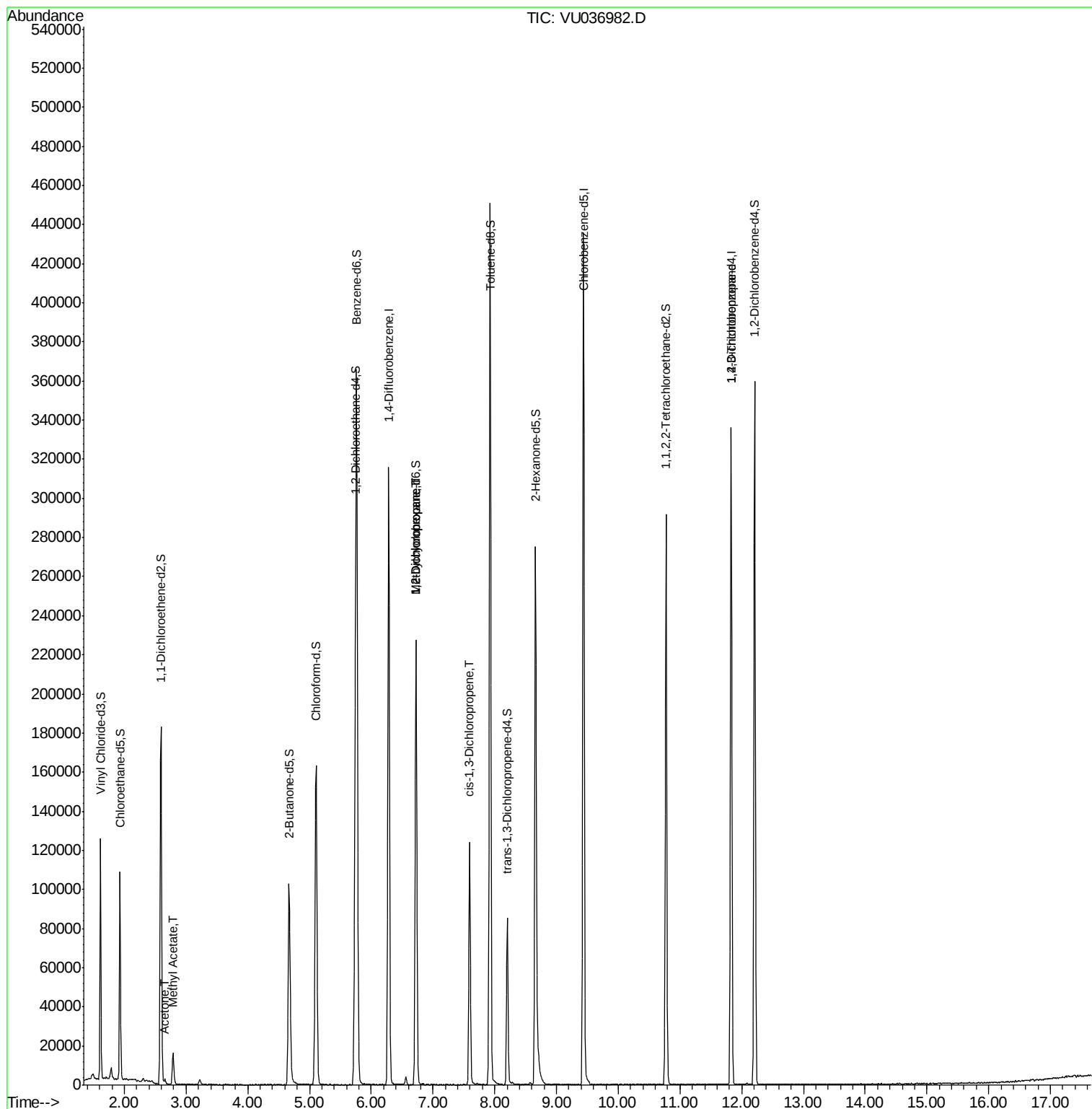
					Qvalue
13) Acetone	2.66	43	2705	1.916 ug/L	99
15) Methyl Acetate	2.79	43	4622	2.148 ug/L #	52
35) Methylcyclohexane	6.72	83	23981	7.677 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11605	5.880 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2868	0.943 ug/L #	46
59) 1,2,3-Trichloropropane	11.83	75	12659	4.986 ug/L	93

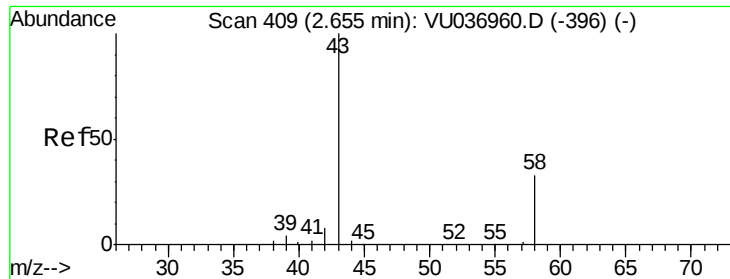
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.916 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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Acq: 28 Feb 2020 18:54

Instrument :

MSVOA_U

ClientSampleId :

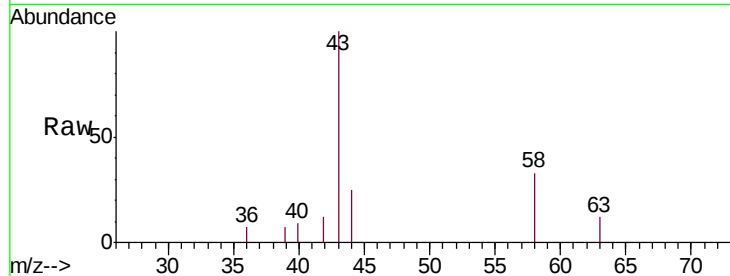
C0AW2

Tgt Ion: 43 Resp: 2705

Ion Ratio Lower Upper

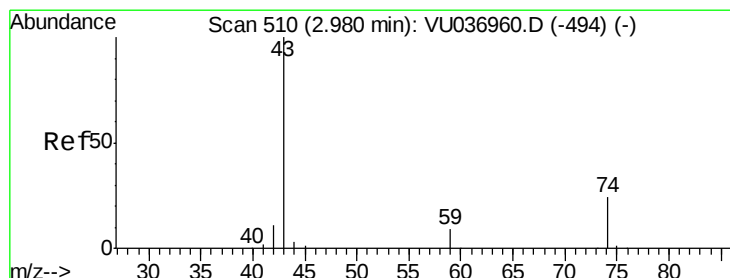
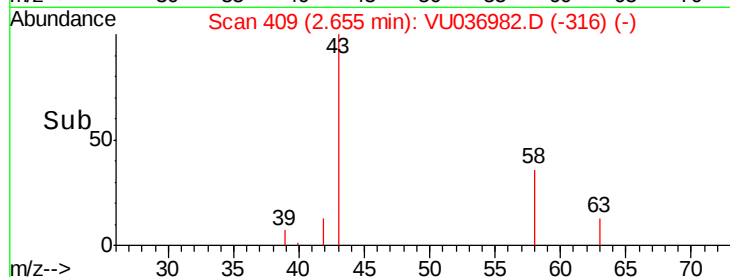
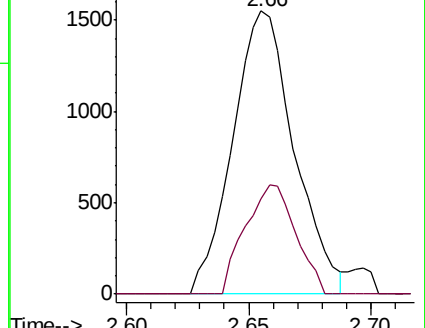
43 100

58 31.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036982.D (-417) (-)

Ion 58.00 (57.70 to 58.70): VU036982.D (-417) (-)



#15

Methyl Acetate

Concen: 2.148 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU036982.D

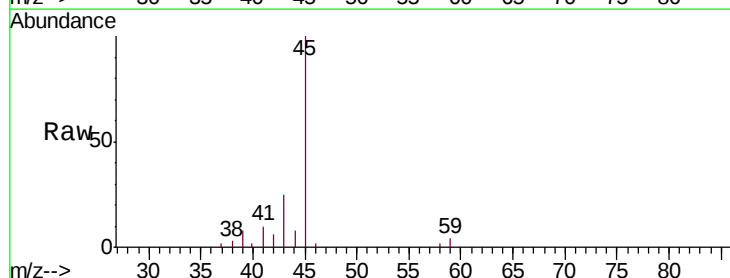
Acq: 28 Feb 2020 18:54

Tgt Ion: 43 Resp: 4622

Ion Ratio Lower Upper

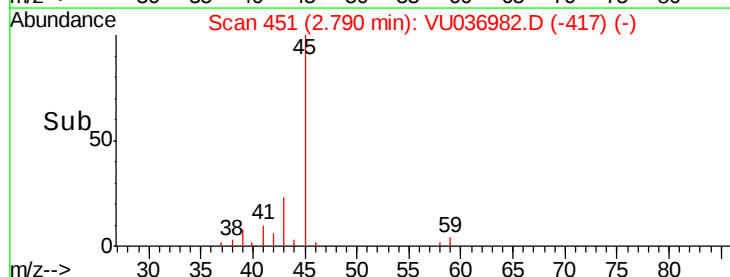
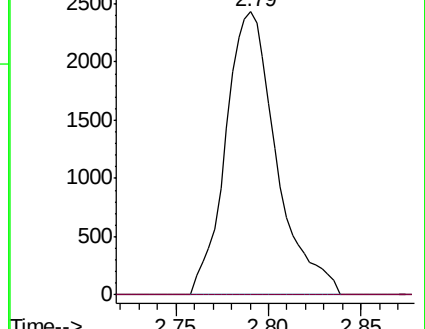
43 100

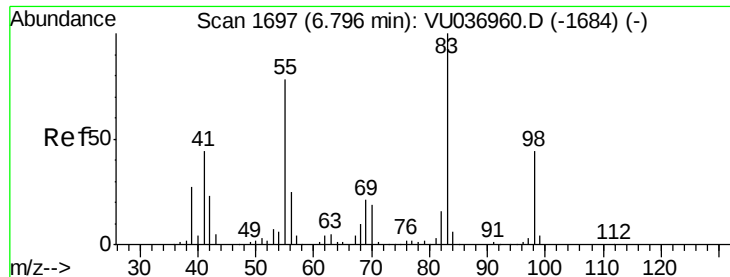
74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036982.D (-417) (-)

Ion 74.00 (73.70 to 74.70): VU036982.D (-417) (-)

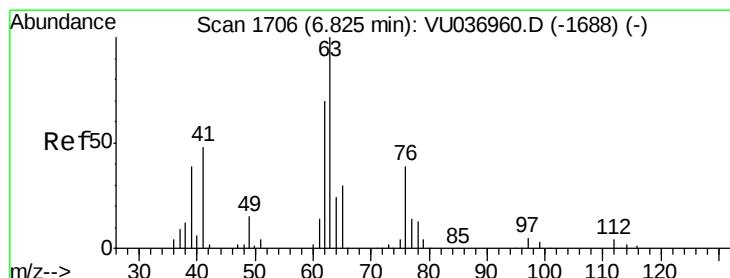
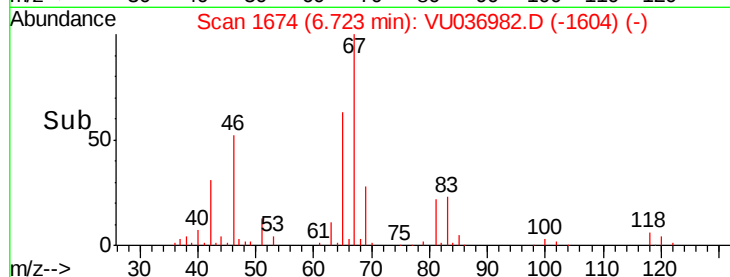
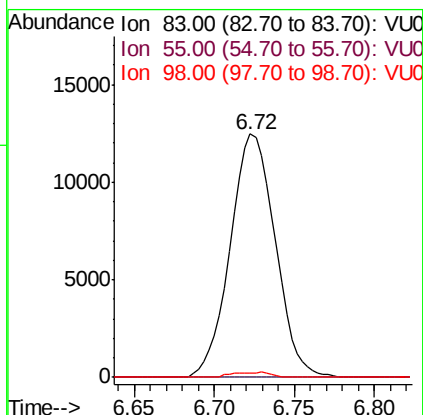
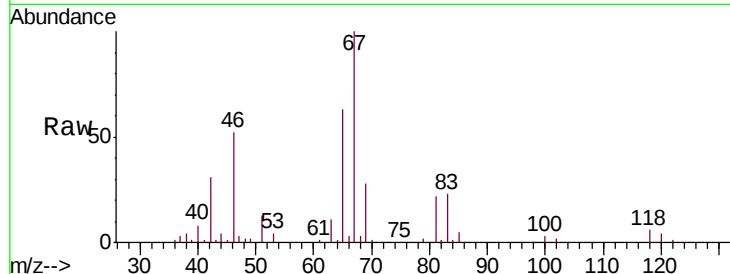




#35
Methylcyclohexane
Concen: 7.677 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036982.D
Acq: 28 Feb 2020 18:54

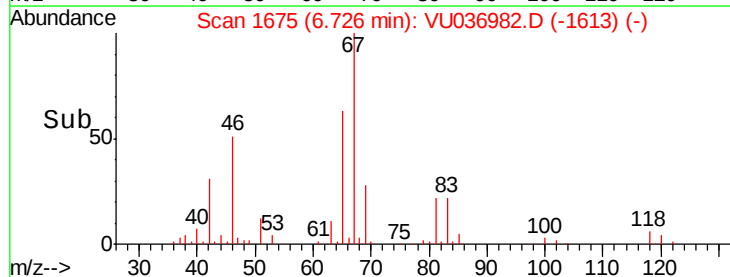
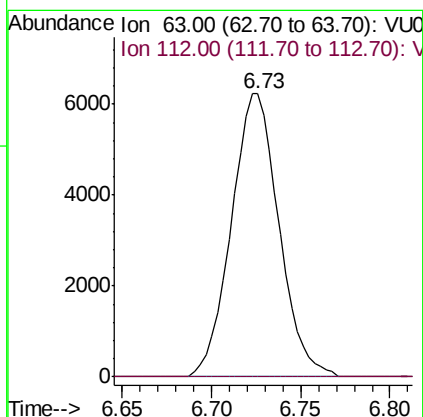
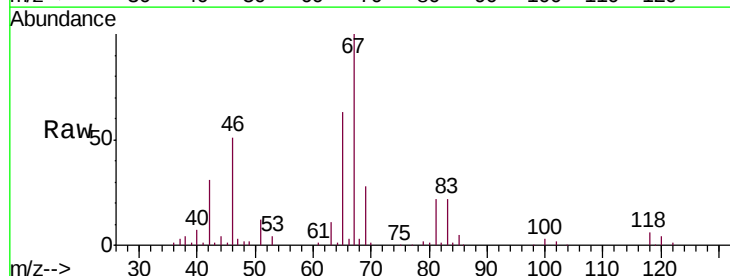
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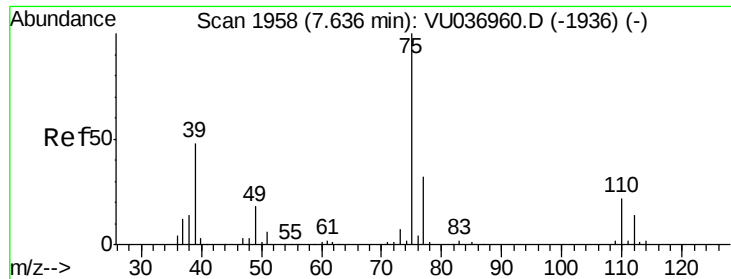
Tgt Ion: 83 Resp: 23981
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 5.880 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036982.D
Acq: 28 Feb 2020 18:54

Tgt Ion: 63 Resp: 11605
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

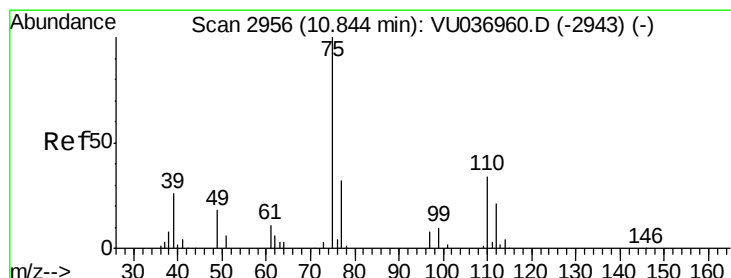
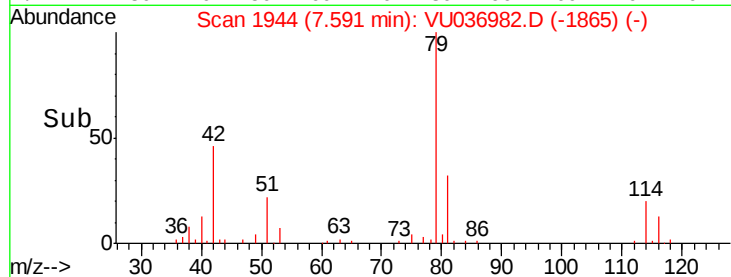
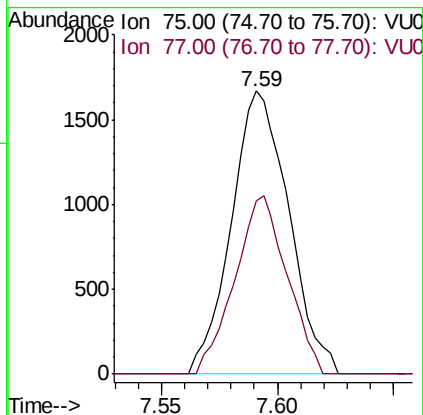
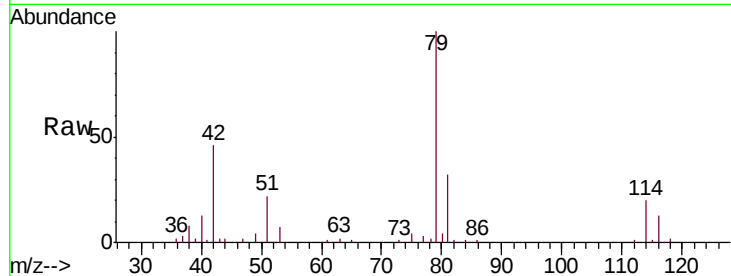




#39
 cis-1,3-Dichloropropene
 Concen: 0.943 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU036982.D
 Acq: 28 Feb 2020 18:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW2

Tgt Ion: 75 Resp: 2868
 Ion Ratio Lower Upper
 75 100
 77 61.2 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.986 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036982.D
 Acq: 28 Feb 2020 18:54

Tgt Ion: 75 Resp: 12659
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.2 39.2

