

Data File : VU036957.D
Acq On : 27 Feb 2020 20:44
Operator : JC/MD
Sample : L1708-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CE2

Quant Time: Feb 27 22:06:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253025	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	88656	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75059	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.64%
7) Chloroethane-d5	1.93	69	71971	40.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.88%
11) 1,1-Dichloroethene-d2	2.59	63	102276	28.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.48%#
21) 2-Butanone-d5	4.67	46	147829	103.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.72%
24) Chloroform-d	5.11	84	148042	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
26) 1,2-Dichloroethane-d4	5.74	65	102594	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
32) Benzene-d6	5.76	84	316314	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.94%
36) 1,2-Dichloropropane-d6	6.72	67	106933	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.88%
41) Toluene-d8	7.92	98	283758	43.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.94%
43) trans-1,3-Dichloropropene-	8.20	79	44088	42.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.18%
47) 2-Hexanone-d5	8.66	63	107567	97.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.61%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153031	48.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.32%
64) 1,2-Dichlorobenzene-d4	12.21	152	87681	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

Target Compounds

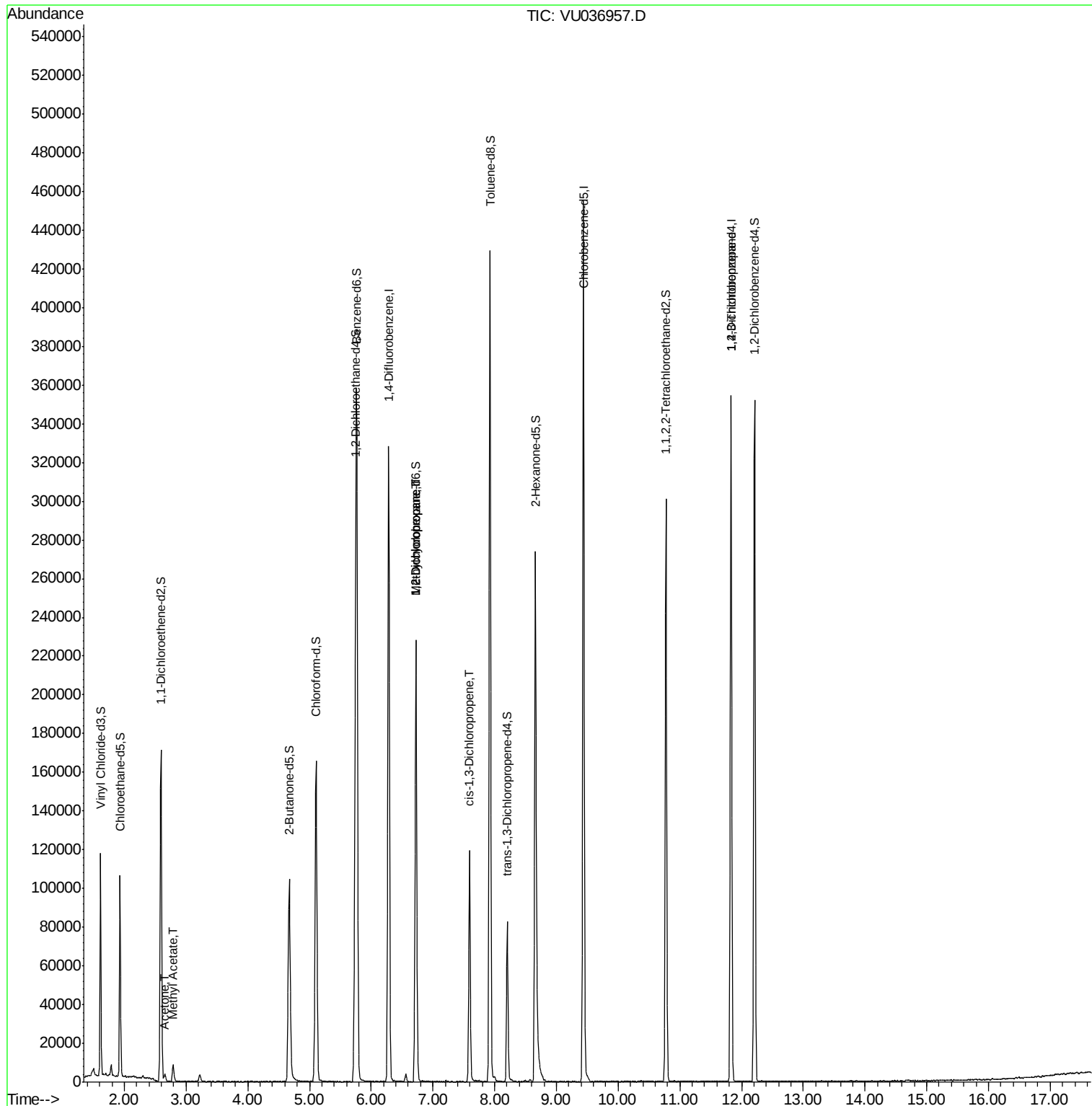
					Qvalue
13) Acetone	2.66	43	4264	2.908 ug/L	94
15) Methyl Acetate	2.79	43	2426	1.086 ug/L #	52
35) Methylcyclohexane	6.73	83	23093	7.130 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11449	5.595 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2595	0.823 ug/L #	51
59) 1,2,3-Trichloropropane	11.83	75	13112	4.981 ug/L	92

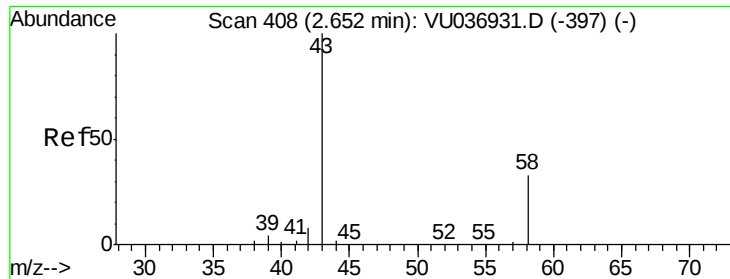
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.908 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU036957.D

Acq: 27 Feb 2020 20:44

Instrument :

MSVOA_U

ClientSampleId :

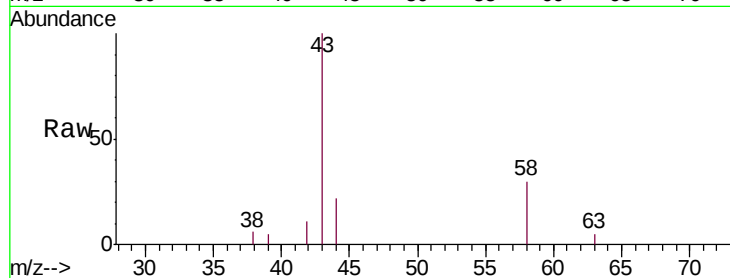
C0CE2

Tgt Ion: 43 Resp: 4264

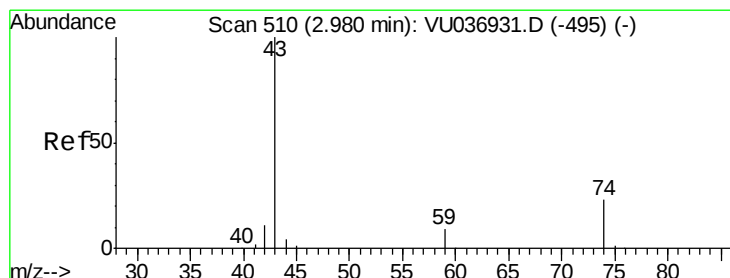
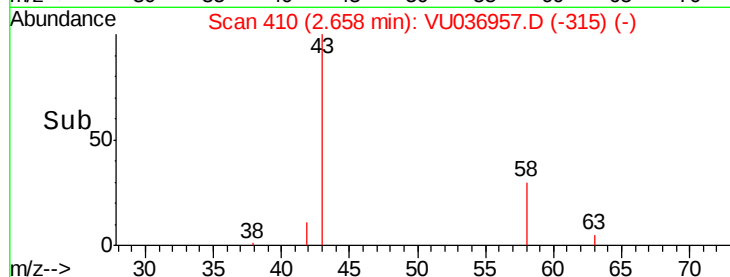
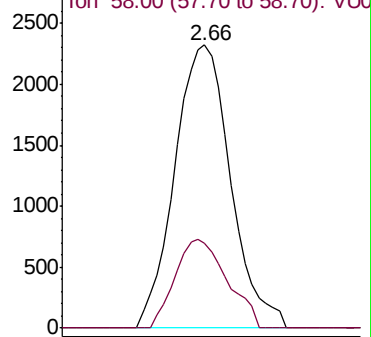
Ion Ratio Lower Upper

43 100

58 29.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036957.D (-410) (-)



#15

Methyl Acetate

Concen: 1.086 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU036957.D

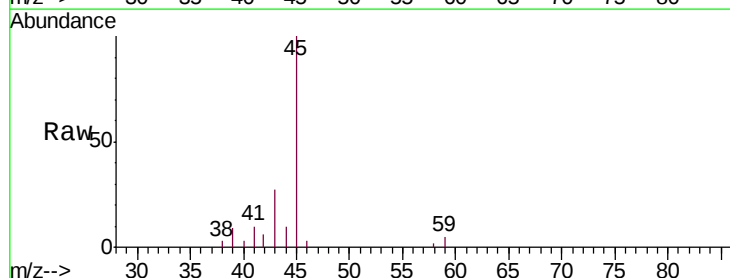
Acq: 27 Feb 2020 20:44

Tgt Ion: 43 Resp: 2426

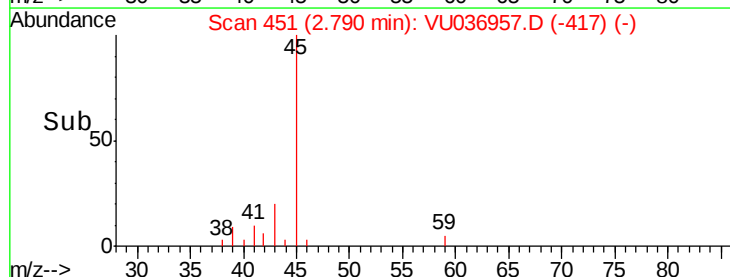
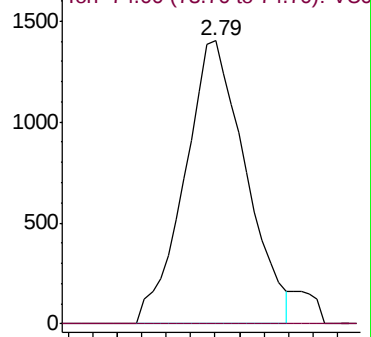
Ion Ratio Lower Upper

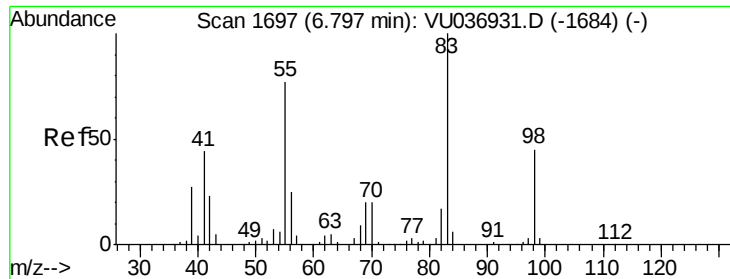
43 100

74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036957.D (-451) (-)

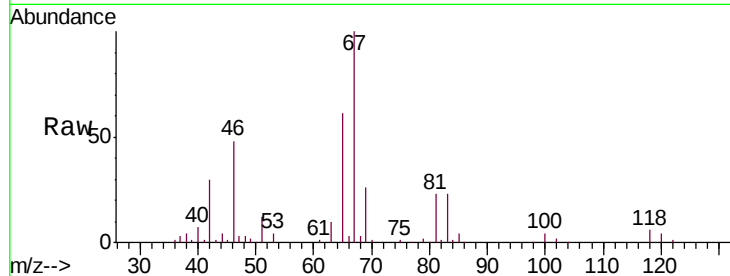




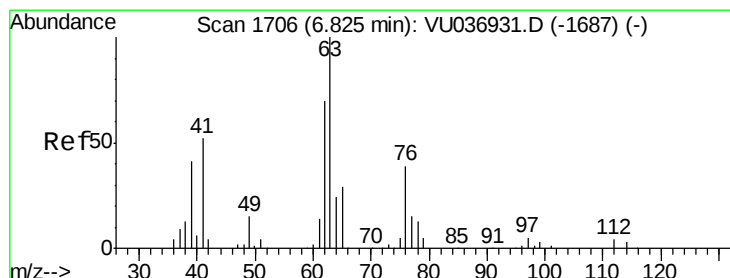
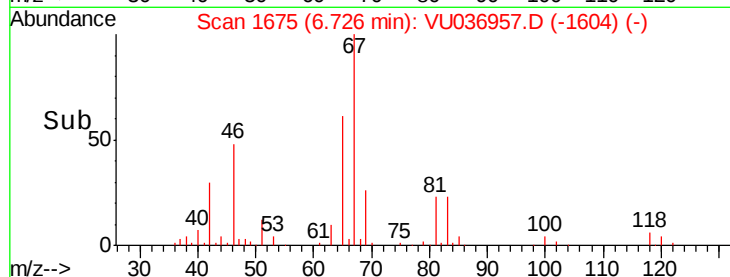
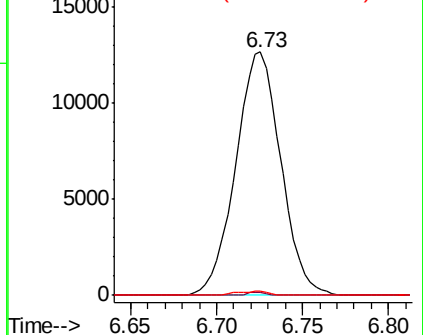
#35
Methylcyclohexane
Concen: 7.130 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036957.D
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Instrument :
MSVOA_U
ClientSampleId :
C0CE2

Tgt Ion: 83 Resp: 23093
Ion Ratio Lower Upper
83 100
55 0.5 62.6 93.8#
98 1.2 35.1 52.7#

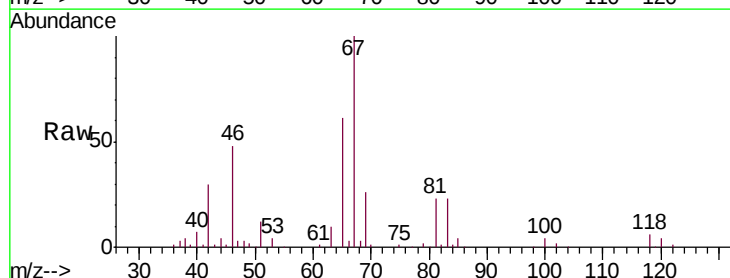


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

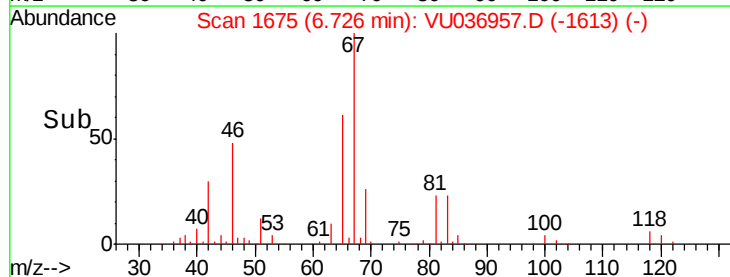
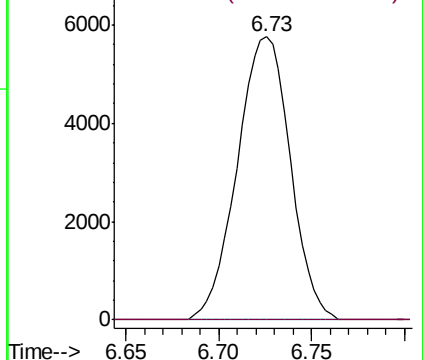


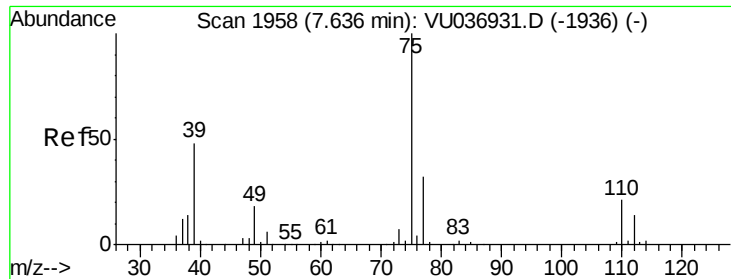
#37
1,2-Dichloropropane
Concen: 5.595 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036957.D
Acq: 27 Feb 2020 20:44

Tgt Ion: 63 Resp: 11449
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

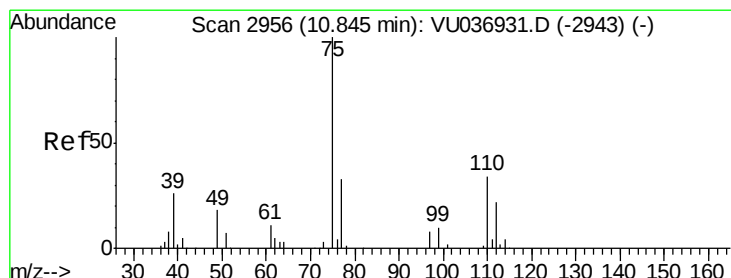
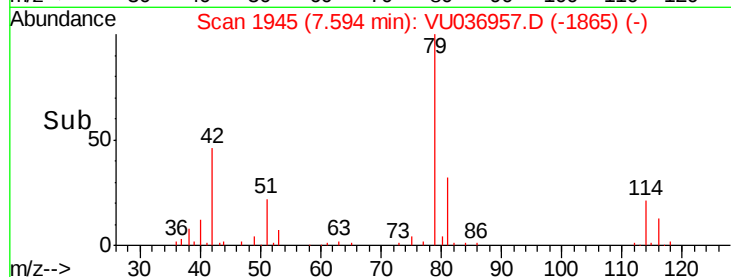
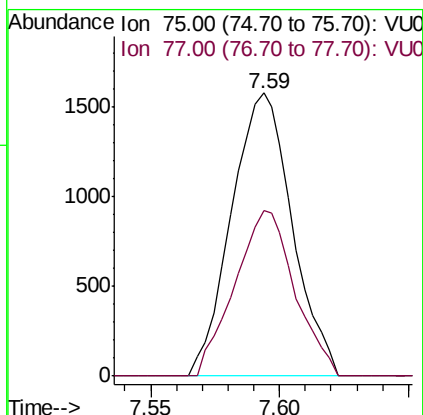
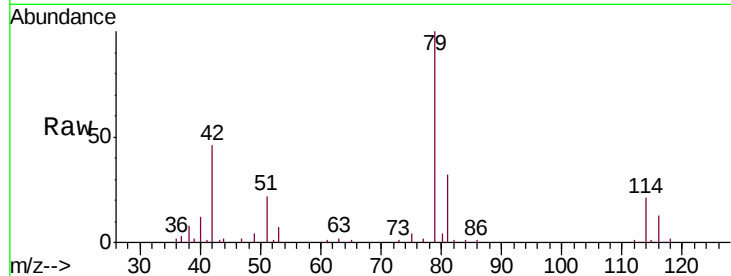




#39
 cis-1,3-Dichloropropene
 Concen: 0.823 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036957.D
 Acq: 27 Feb 2020 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CE2

Tgt Ion: 75 Resp: 2595
 Ion Ratio Lower Upper
 75 100
 77 58.5 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.981 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036957.D
 Acq: 27 Feb 2020 20:44

Tgt Ion: 75 Resp: 13112
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.2 39.2

