

Data File : VU036918.D
Acq On : 26 Feb 2020 16:26
Operator : JC/MD
Sample : L1687-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS2

Quant Time: Feb 27 04:50:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232904	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	218319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94520	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.66%
7) Chloroethane-d5	1.93	69	83536	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.24%
11) 1,1-Dichloroethene-d2	2.59	63	121849	37.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.40%
21) 2-Butanone-d5	4.67	46	152470	116.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.22%
24) Chloroform-d	5.11	84	157716	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
26) 1,2-Dichloroethane-d4	5.74	65	110475	54.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.32%
32) Benzene-d6	5.76	84	342872	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.62%
36) 1,2-Dichloropropane-d6	6.73	67	112703	55.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.20%
41) Toluene-d8	7.92	98	308901	52.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.48%
43) trans-1,3-Dichloropropene-	8.20	79	49381	51.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.90%
47) 2-Hexanone-d5	8.66	63	114250	114.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157547	54.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.26%
64) 1,2-Dichlorobenzene-d4	12.21	152	94895	56.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.58%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1136	0.764	ug/L #	23
13) Acetone	2.66	43	3536	2.620	ug/L	96
34) Trichloroethene	6.57	95	41165	24.284	ug/L	98
35) Methylcyclohexane	6.73	83	24980	8.499	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11661	6.279	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3131	1.095	ug/L #	79
59) 1,2,3-Trichloropropane	11.83	75	12707	5.319	ug/L	93

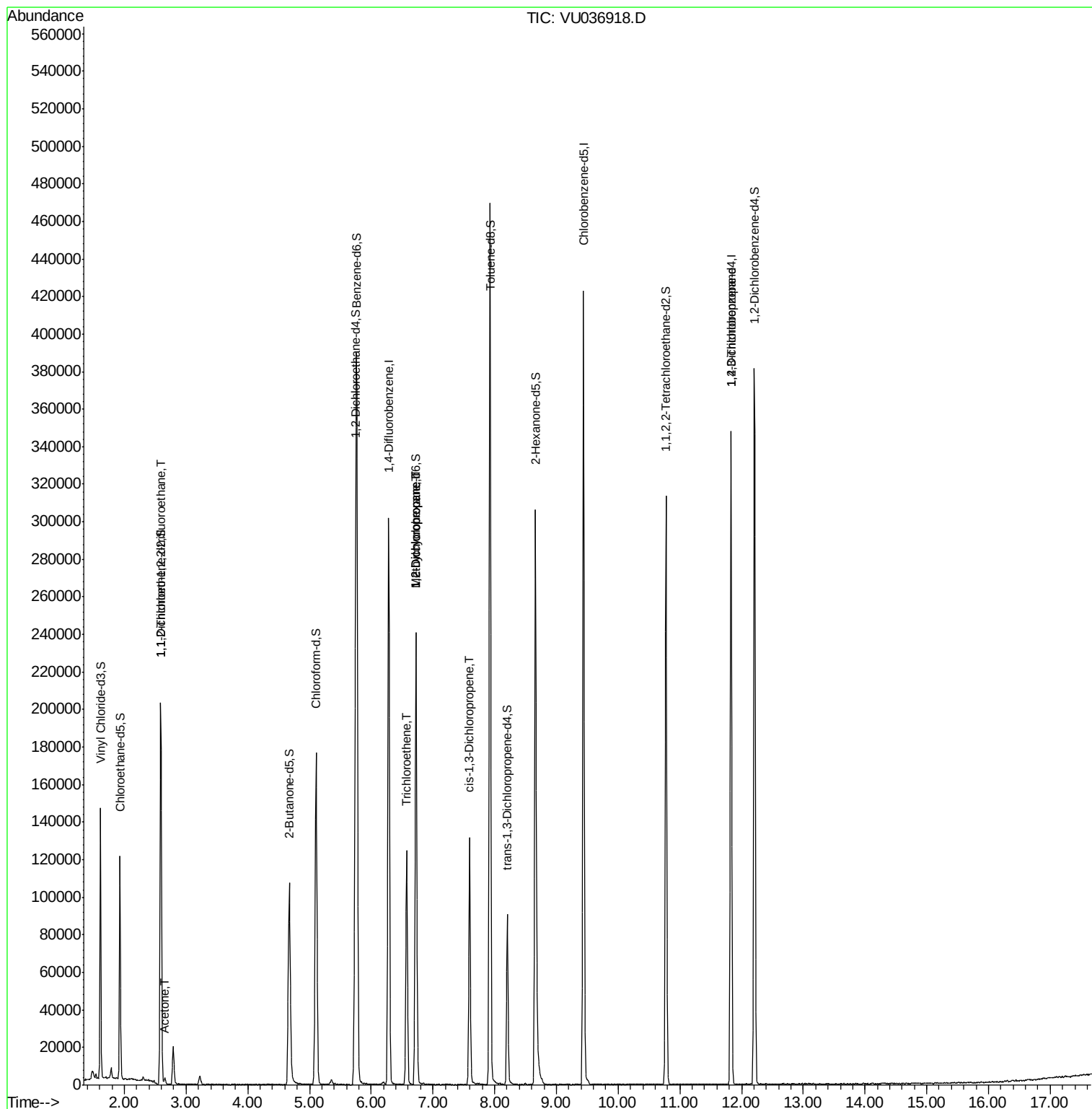
(#) = qualifier out of range (m) = manual integration (+) = signals summed

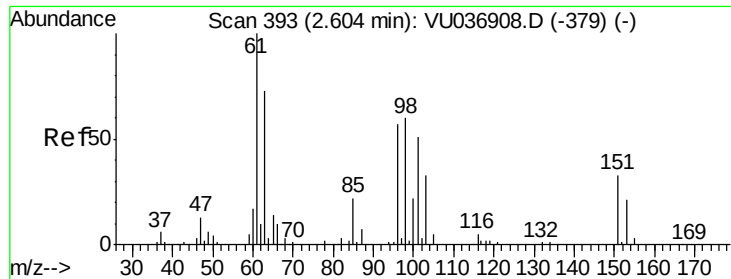
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#10

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

Concen: 0.764 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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Acq: 26 Feb 2020 16:26

Instrument :

MSVOA_U

ClientSampled :

C0AS2

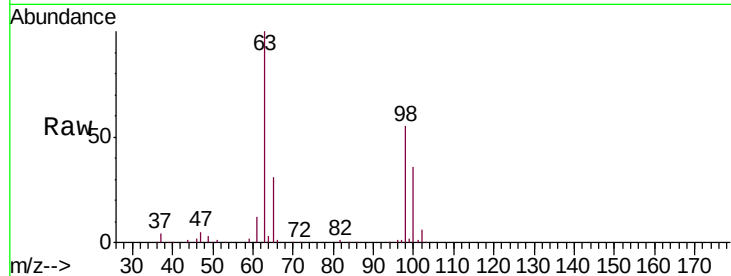
Tgt Ion:101 Resp: 1136

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

151 0.0 52.4 78.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.59

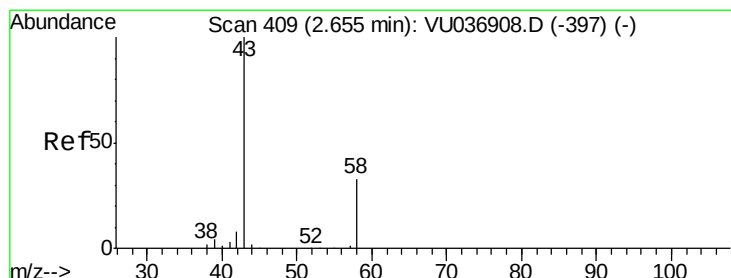
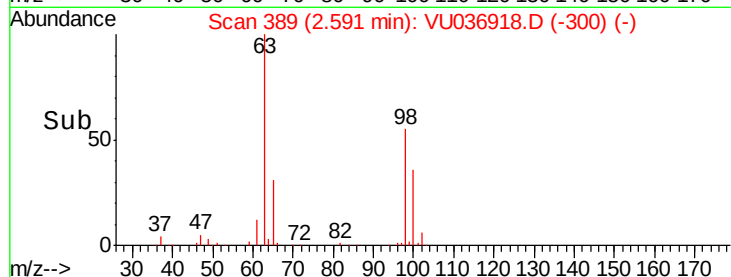
600

400

200

0

Time-->



#13

Acetone

Concen: 2.620 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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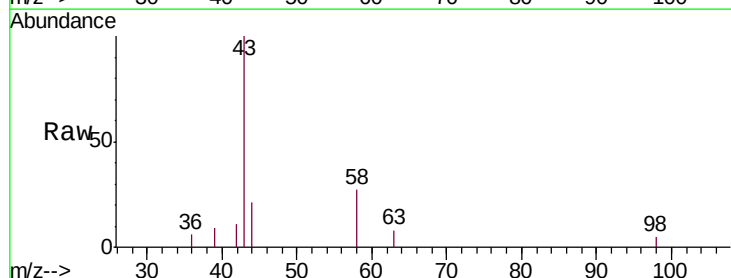
Acq: 26 Feb 2020 16:26

Tgt Ion: 43 Resp: 3536

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.66

2000

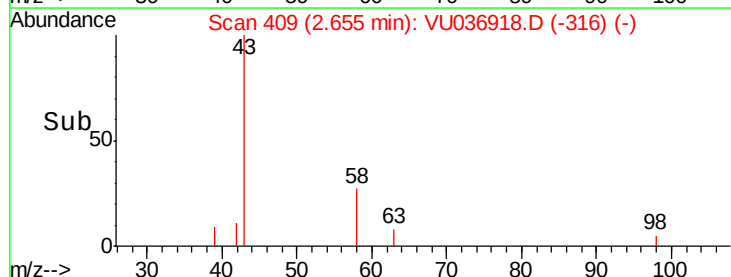
1500

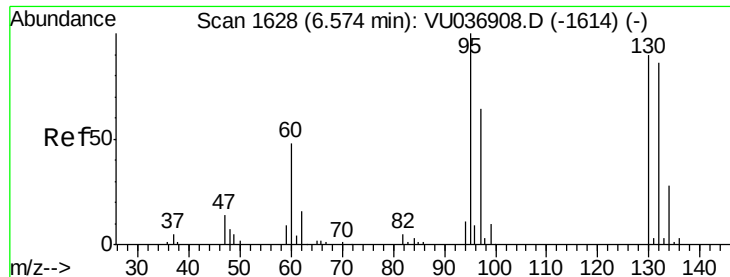
1000

500

0

Time-->





#34

Trichloroethene

Concen: 24.284 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

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Acq: 26 Feb 2020 16:26

Instrument :

MSVOA_U

ClientSampleId :

C0AS2

Tgt Ion: 95 Resp: 41165

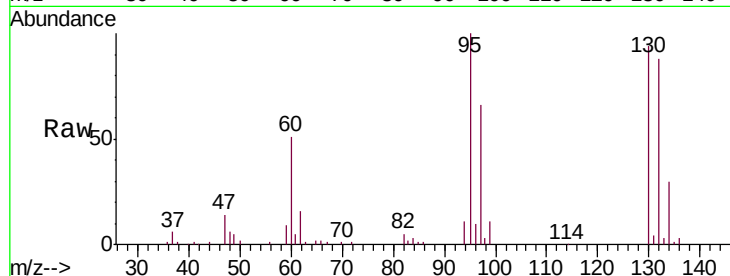
Ion Ratio Lower Upper

95 100

97 66.1 44.1 81.9

132 87.8 60.6 112.6

130 94.3 64.9 120.5

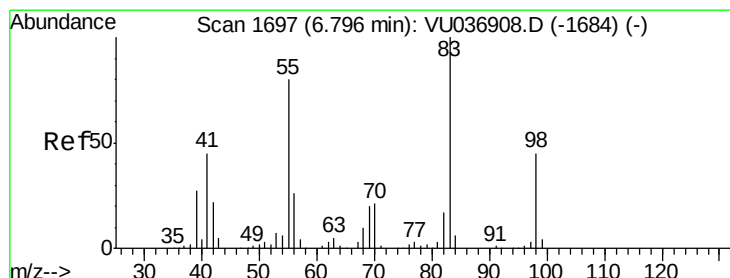
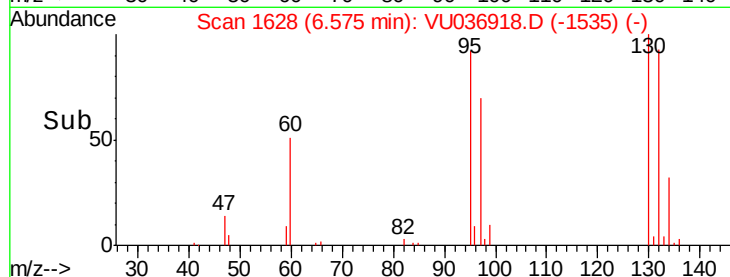
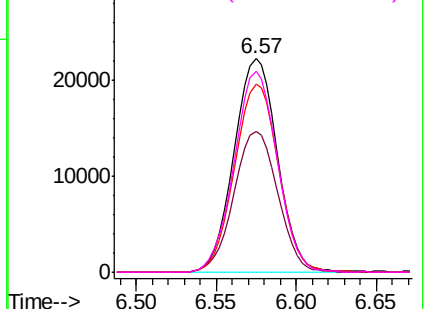


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 8.499 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036918.D

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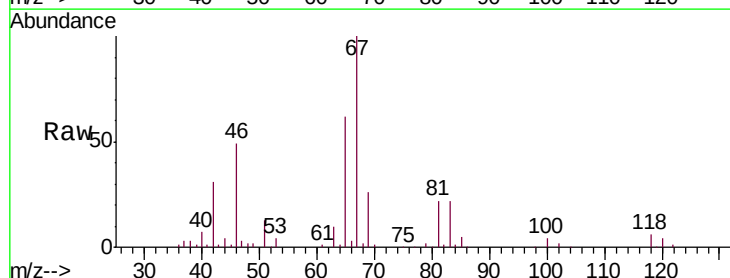
Tgt Ion: 83 Resp: 24980

Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

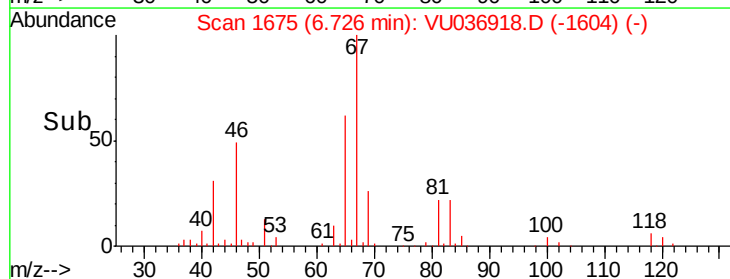
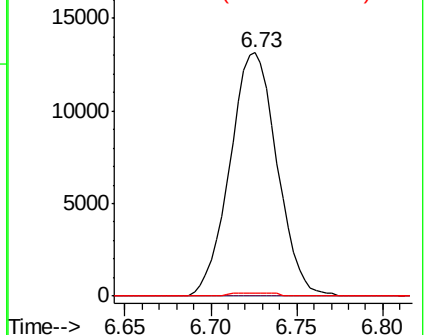
98 0.2 35.1 52.7#

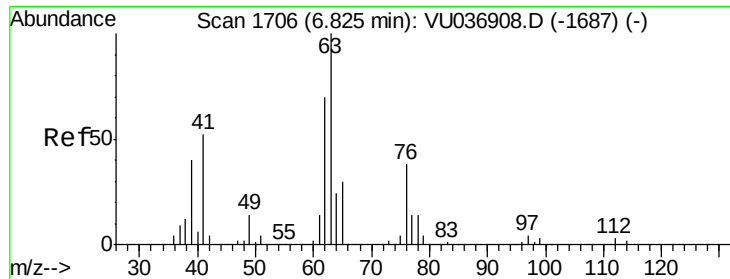


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

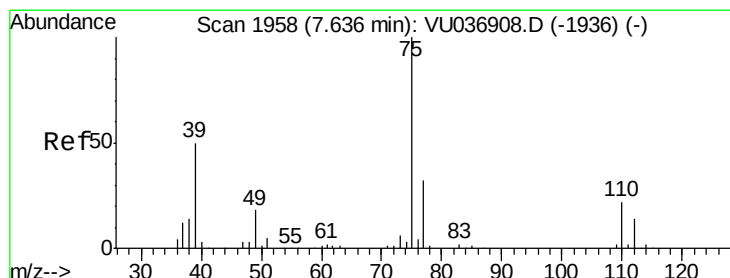
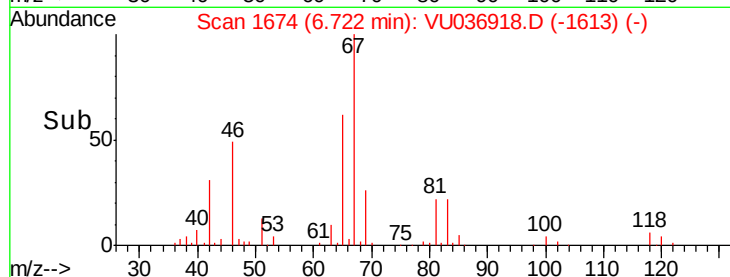
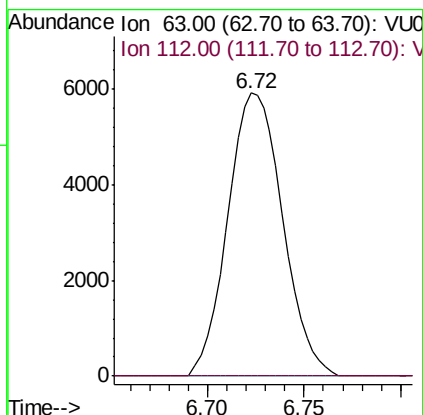
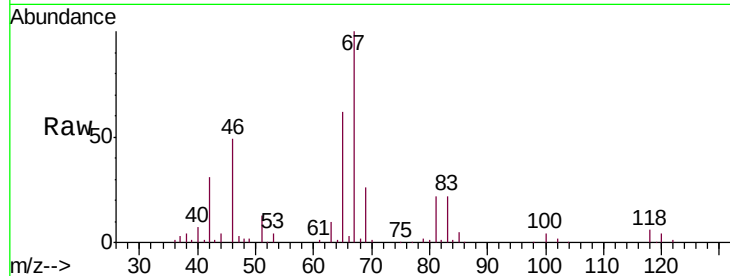




#37
 1,2-Dichloropropane
 Concen: 6.279 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036918.D
 Acq: 26 Feb 2020 16:26

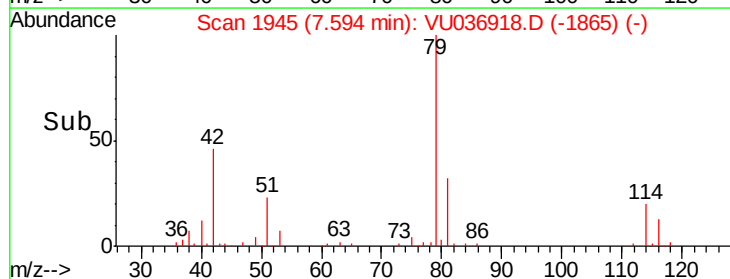
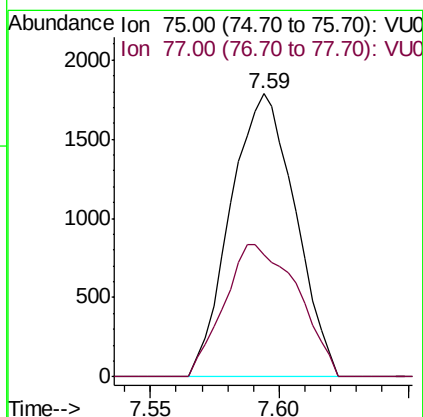
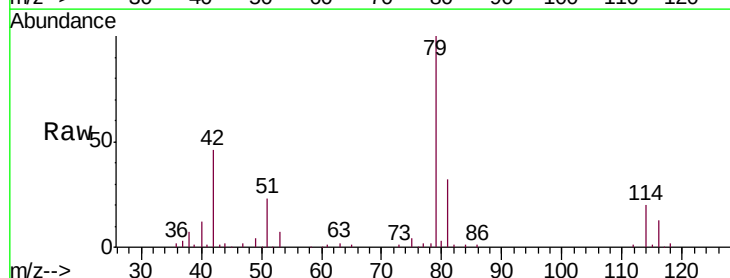
Instrument :
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 C0AS2

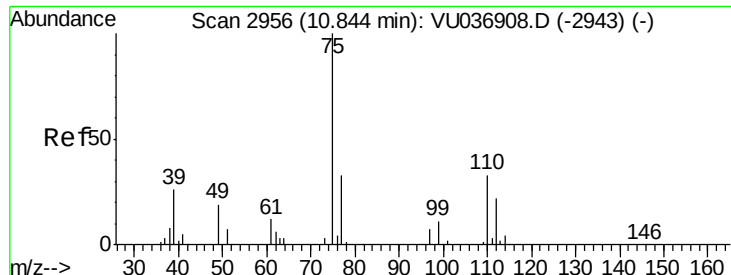
Tgt Ion: 63 Resp: 11661
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.095 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036918.D
 Acq: 26 Feb 2020 16:26

Tgt Ion: 75 Resp: 3131
 Ion Ratio Lower Upper
 75 100
 77 43.3 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.319 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036918.D

Acq: 26 Feb 2020 16:26

Instrument :

MSVOA_U

ClientSampleId :

C0AS2

Tgt Ion: 75 Resp: 12707

Ion Ratio Lower Upper

75 100

77 36.5 26.2 39.2

