

Data File : VU036924.D
Acq On : 26 Feb 2020 18:43
Operator : JC/MD
Sample : L1687-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT2

Quant Time: Feb 27 04:51:48 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	6.28	114	251345	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	237214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89287	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88670	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.02%
7) Chloroethane-d5	1.93	69	81838	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.72%
11) 1,1-Dichloroethene-d2	2.59	63	115733	32.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.48%
21) 2-Butanone-d5	4.67	46	152782	107.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.91%
24) Chloroform-d	5.11	84	153344	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.74	65	106232	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.76	84	333683	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
36) 1,2-Dichloropropane-d6	6.73	67	110120	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.10%
41) Toluene-d8	7.92	98	298683	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%
43) trans-1,3-Dichloropropene-	8.20	79	45802	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.70%
47) 2-Hexanone-d5	8.66	63	110511	101.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153630	49.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.06%
64) 1,2-Dichlorobenzene-d4	12.21	152	91961	52.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.38%

Target Compounds

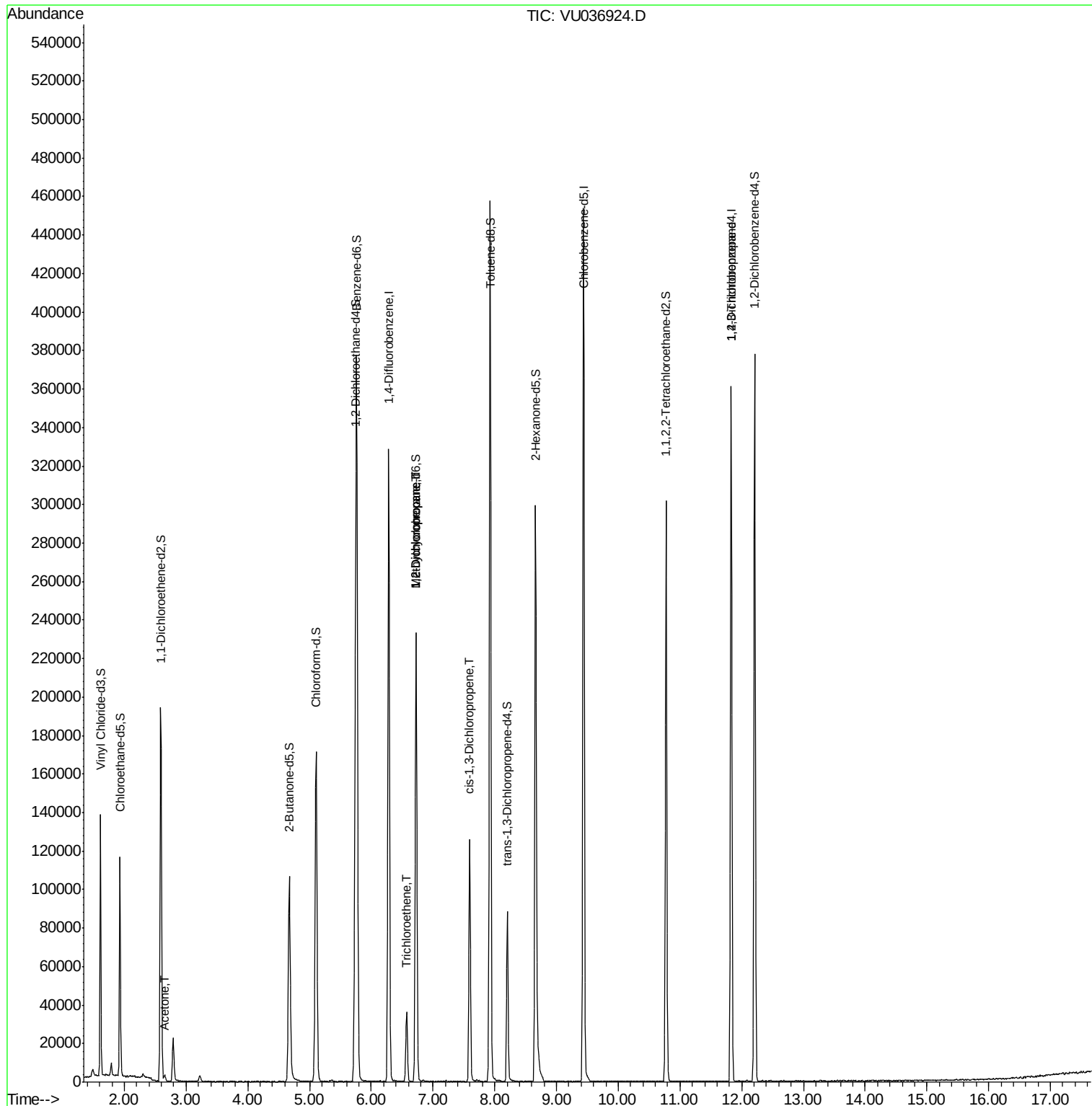
					Qvalue
13) Acetone	2.65	43	3613	2.481 ug/L	91
34) Trichloroethene	6.57	95	11468	6.226 ug/L	97
35) Methylcyclohexane	6.73	83	23387	7.323 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11768	5.832 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2917	0.938 ug/L #	64
59) 1,2,3-Trichloropropane	11.83	75	13528	5.212 ug/L	94

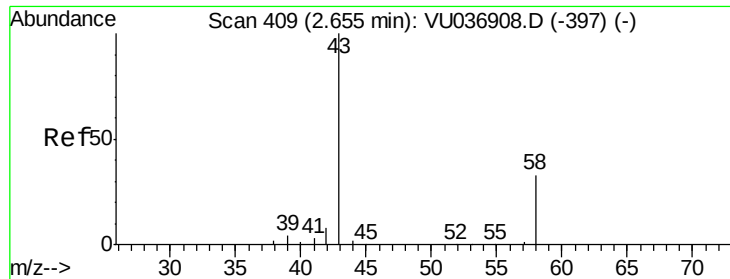
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.481 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU036924.D

Acq: 26 Feb 2020 18:43

Instrument :

MSVOA_U

ClientSampleId :

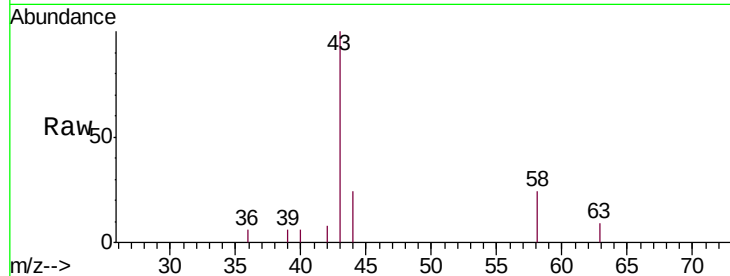
C0AT2

Tgt Ion: 43 Resp: 3613

Ion Ratio Lower Upper

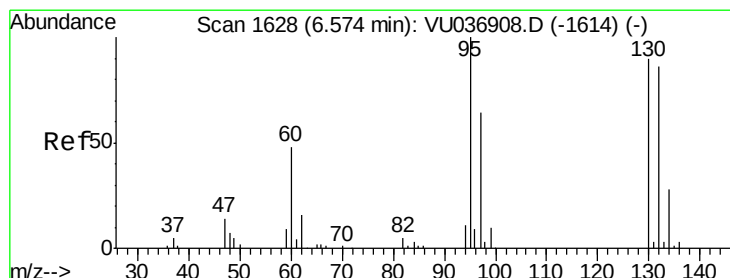
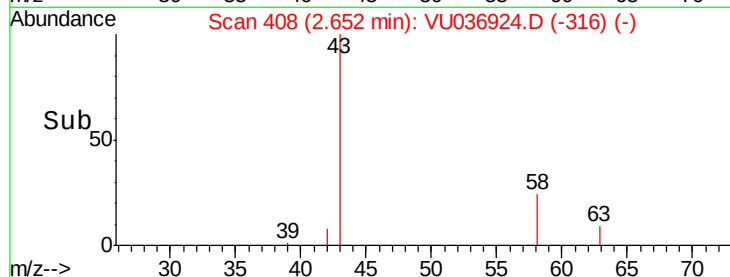
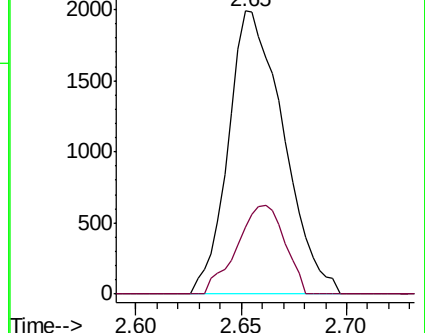
43 100

58 27.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036908.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036908.D (-397) (-)



#34

Trichloroethene

Concen: 6.226 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036924.D

Acq: 26 Feb 2020 18:43

Tgt Ion: 95 Resp: 11468

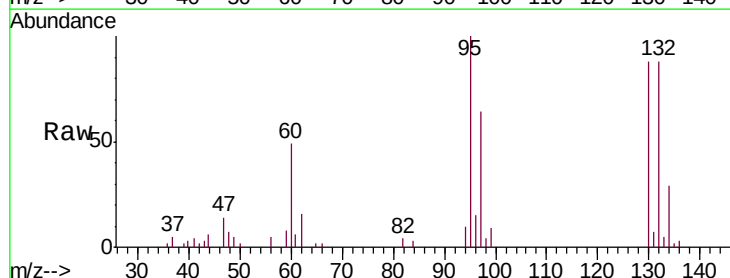
Ion Ratio Lower Upper

95 100

97 63.9 44.1 81.9

132 87.9 60.6 112.6

130 88.3 64.9 120.5

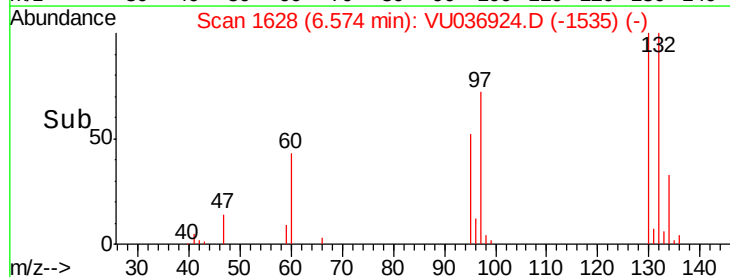
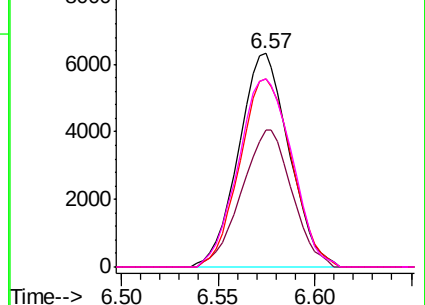


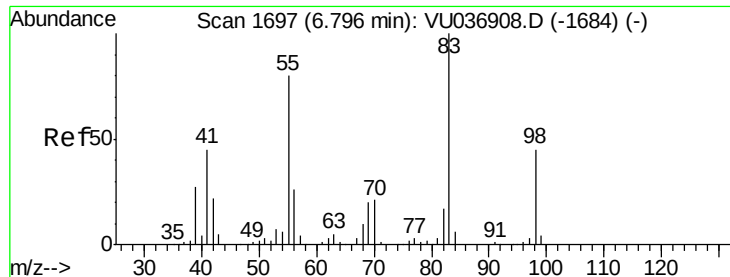
Abundance Ion 95.00 (94.70 to 95.70): VU036908.D (-1614) (-)

Ion 97.00 (96.70 to 97.70): VU036908.D (-1614) (-)

Ion 132.00 (131.70 to 132.70): VU036908.D (-1614) (-)

Ion 130.00 (129.70 to 130.70): VU036908.D (-1614) (-)

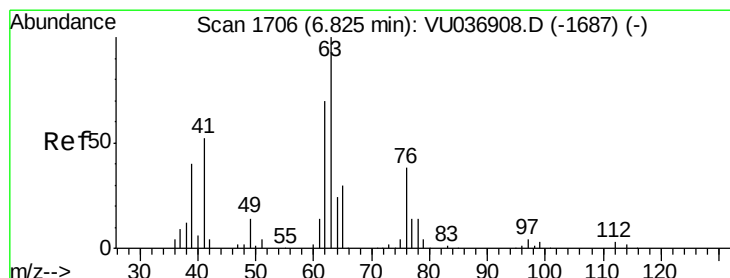
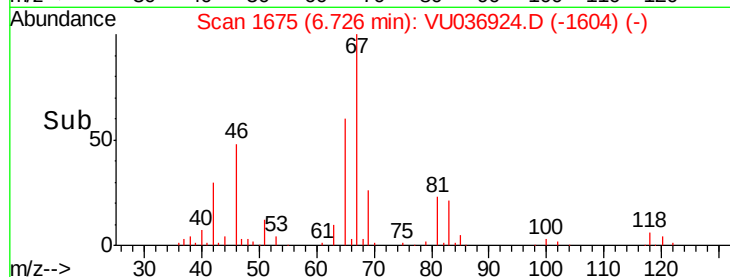
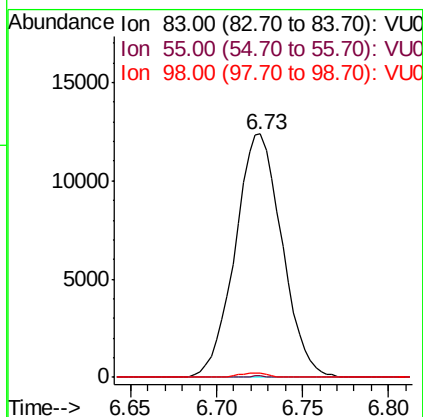
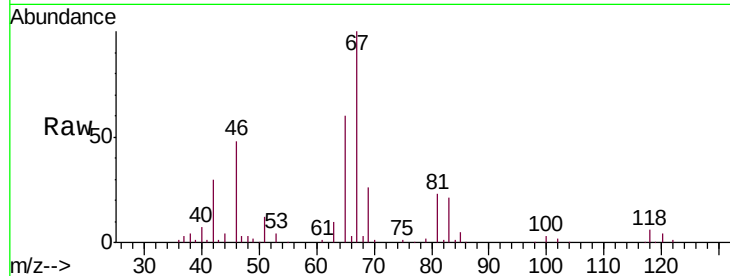




#35
Methylcyclohexane
Concen: 7.323 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
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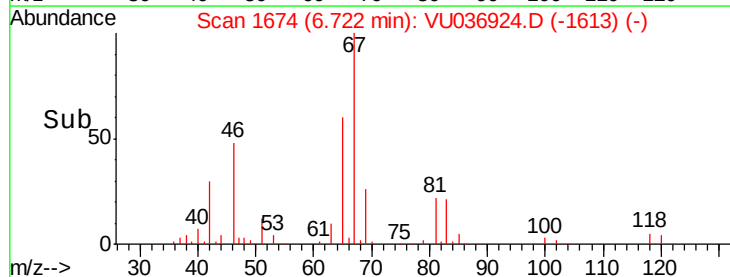
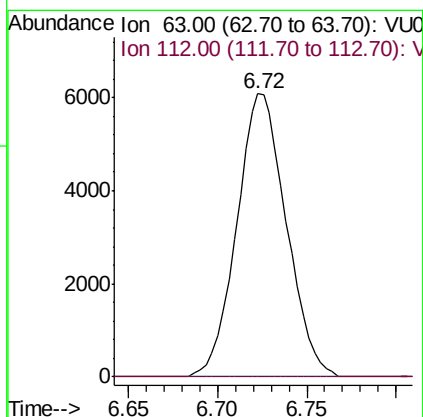
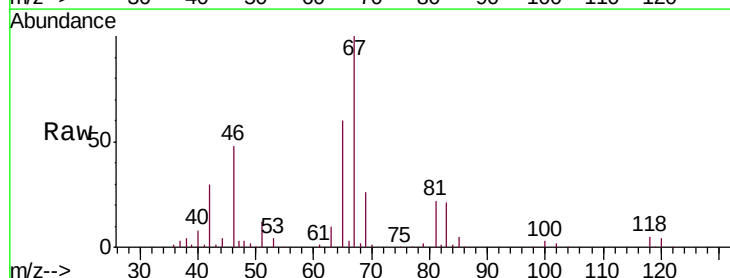
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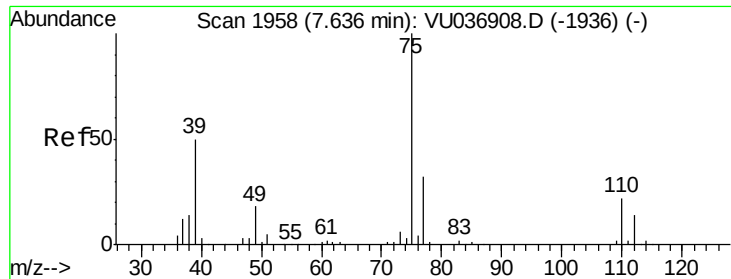
Tgt Ion: 83 Resp: 23387
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 1.1 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 5.832 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036924.D
Acq: 26 Feb 2020 18:43

Tgt Ion: 63 Resp: 11768
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

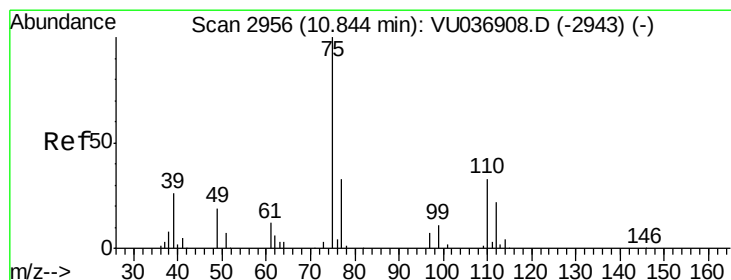
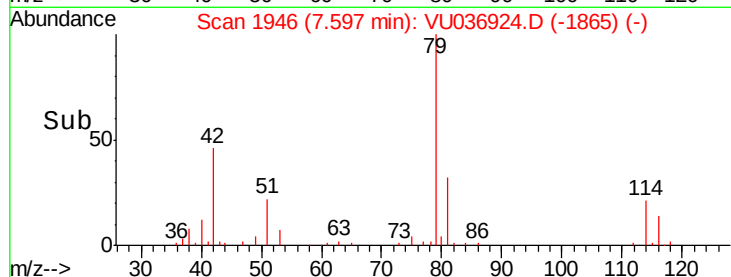
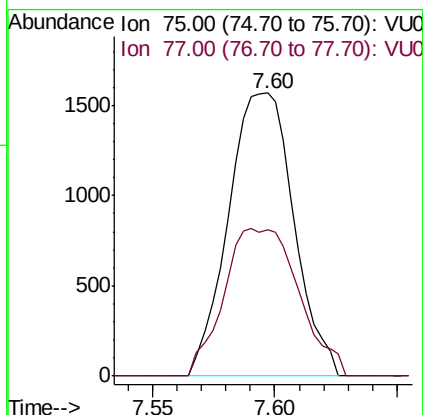
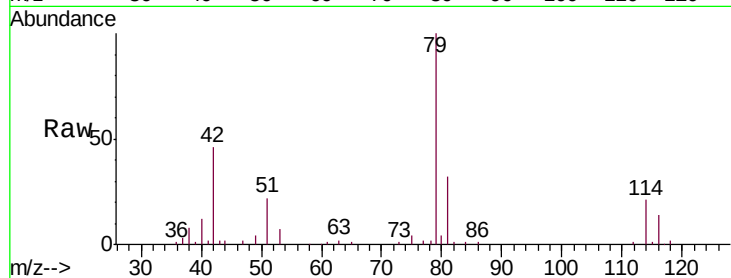




#39
 cis-1,3-Dichloropropene
 Concen: 0.938 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036924.D
 Acq: 26 Feb 2020 18:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT2

Tgt Ion: 75 Resp: 2917
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.212 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036924.D
 Acq: 26 Feb 2020 18:43

Tgt Ion: 75 Resp: 13528
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.2 39.2

