

Data File : VU036731.D
Acq On : 11 Feb 2020 19:35
Operator : JC/MD
Sample : L1414-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA9

Quant Time: Feb 12 08:16:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 12 08:13:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	124453	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	116717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	50641	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	44298	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.59	63	65663	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.68	46	88175	39.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.58%
24) Chloroform-d	5.11	84	70738	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.74	65	43594	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.77	84	170307	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.73	67	53708	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.93	98	155775	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.21	79	19472	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.67	63	96284	48.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40223	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	47737	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

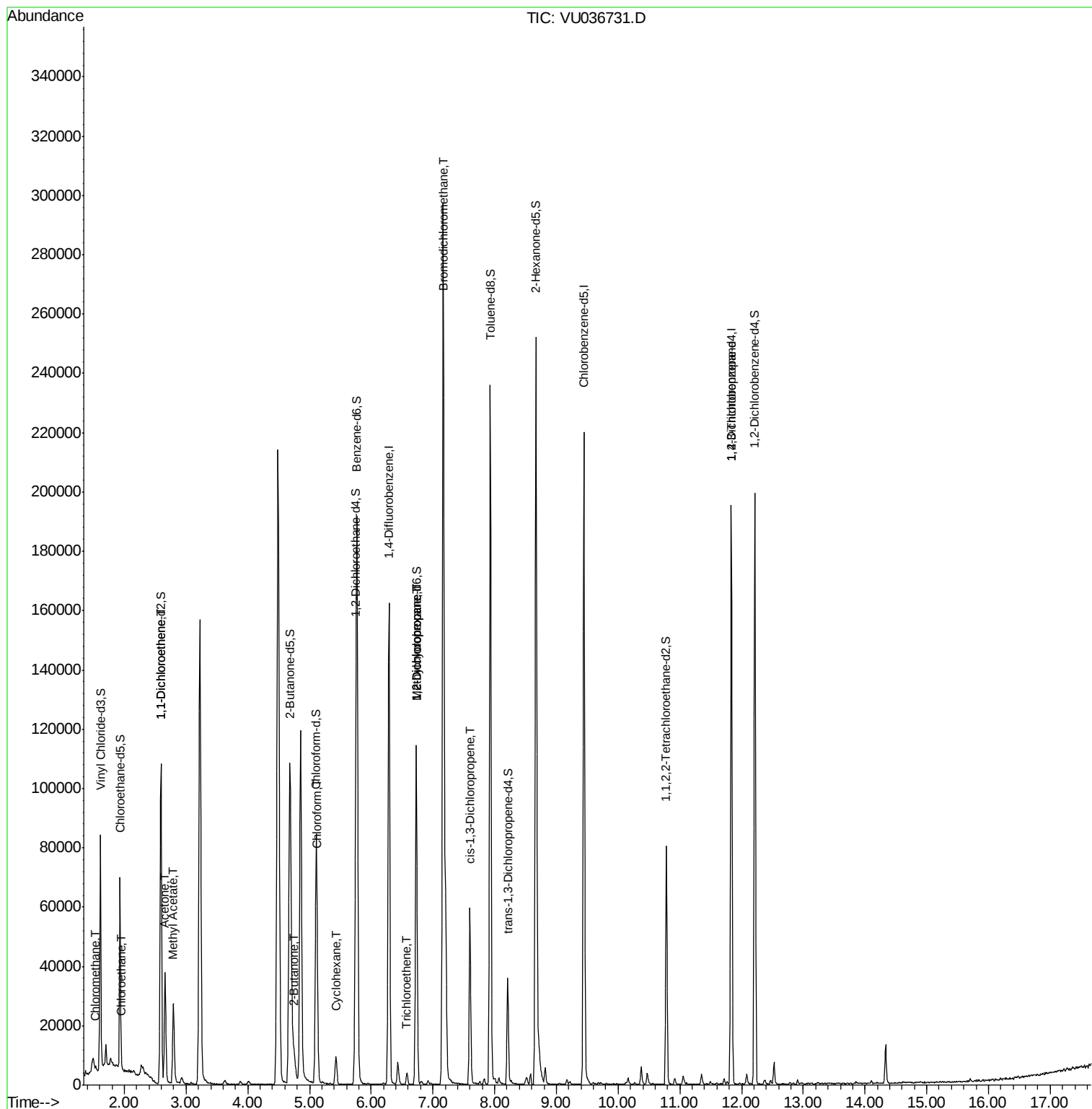
					Qvalue
3) Chloromethane	1.54	50	1168	0.137 ug/L	93
8) Chloroethane	1.96	64	834	0.119 ug/L #	43
12) 1,1-Dichloroethene	2.59	96	512	0.068 ug/L #	1
13) Acetone	2.66	43	41887	14.595 ug/L	99
15) Methyl Acetate	2.80	43	6781	1.781 ug/L #	52
21) 2-Butanone	4.76	43	8765	2.625 ug/L	85
25) Chloroform	5.13	83	6567	0.375 ug/L	97
30) Cyclohexane	5.43	56	4879	0.358 ug/L	97
34) Trichloroethene	6.58	95	1305	0.142 ug/L	95
35) Methylcyclohexane	6.73	83	11961	0.822 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	5767	0.587 ug/L #	89
38) Bromodichloromethane	7.16	83	2243	0.191 ug/L #	1
39) cis-1,3-Dichloropropene	7.60	75	1333	0.094 ug/L #	63
59) 1,2,3-Trichloropropane	11.83	75	6954	1.071 ug/L #	86

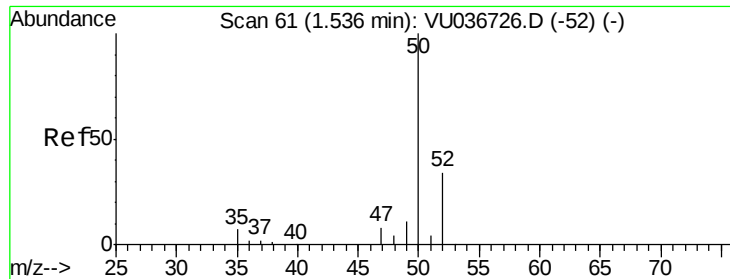
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.137 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036731.D

Acq: 11 Feb 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

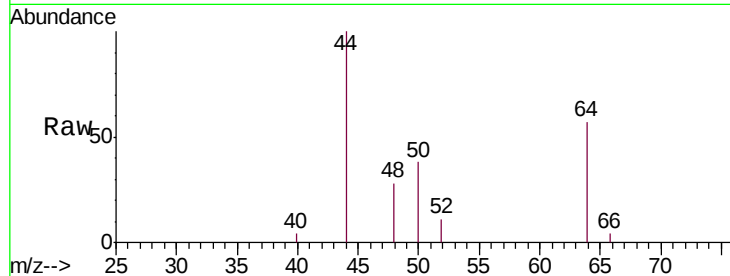
C0AA9

Tgt Ion: 50 Resp: 1168

Ion Ratio Lower Upper

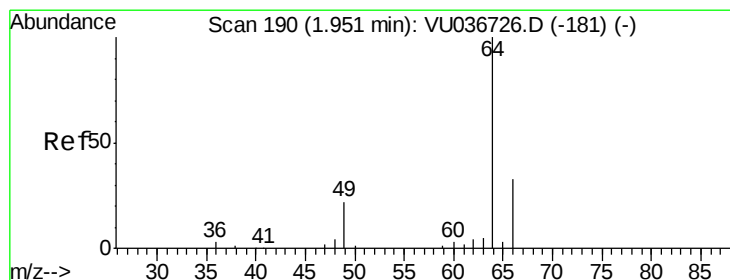
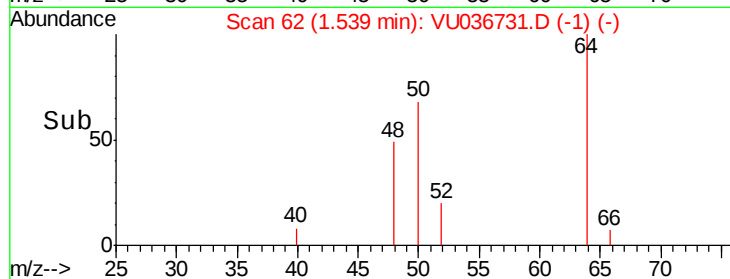
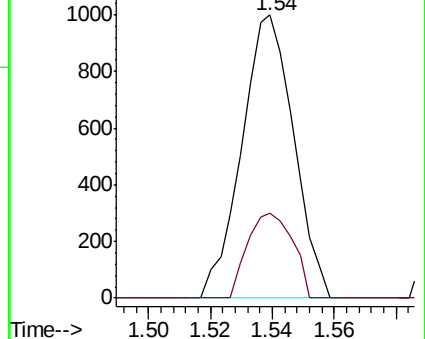
50 100

52 29.9 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU036731.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036731.D (-52) (-)



#8

Chloroethane

Concen: 0.119 ug/L

RT: 1.96 min Scan# 194

Delta R.T. 0.01 min

Lab File: VU036731.D

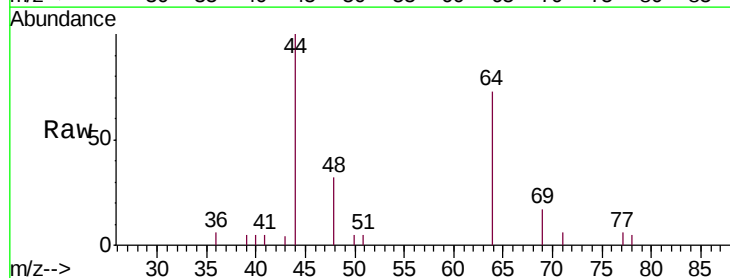
Acq: 11 Feb 2020 19:35

Tgt Ion: 64 Resp: 834

Ion Ratio Lower Upper

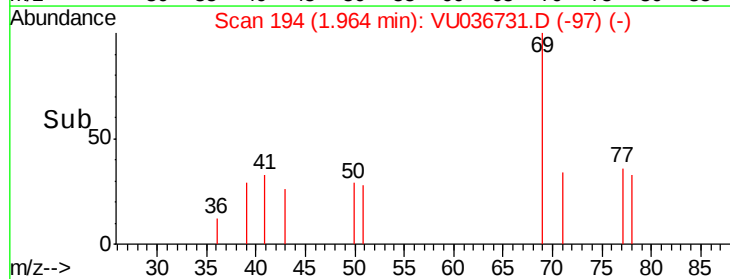
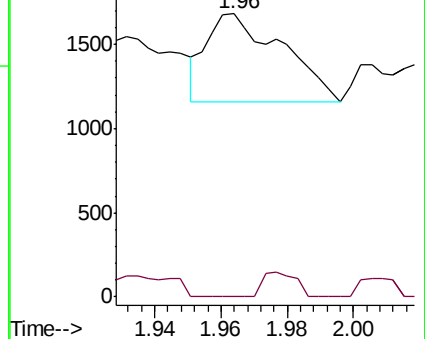
64 100

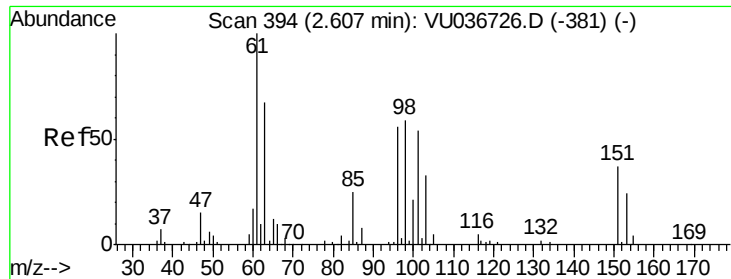
66 0.0 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VU036731.D (-181) (-)

Ion 66.05 (65.75 to 66.75): VU036731.D (-181) (-)

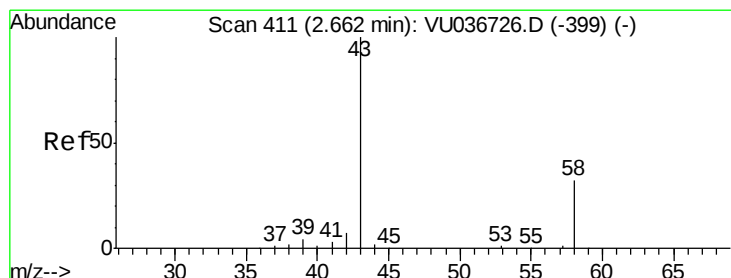
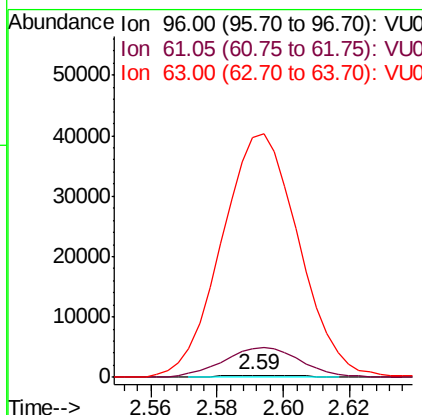
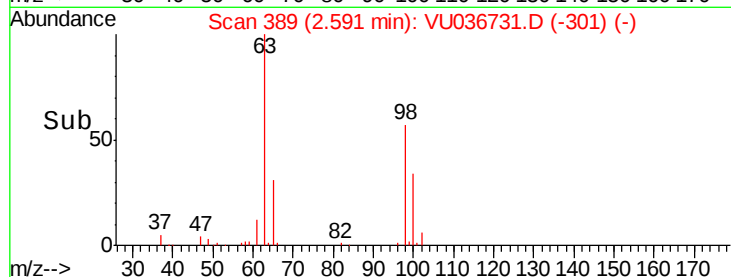
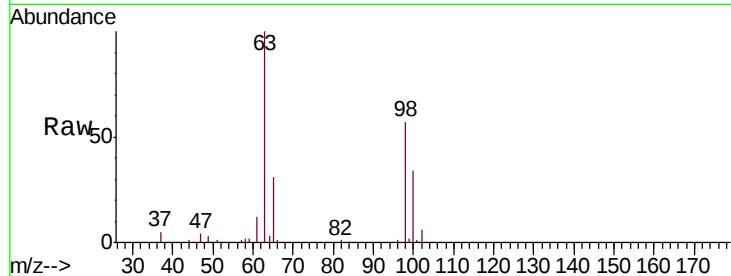




#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU036731.D
 Acq: 11 Feb 2020 19:35

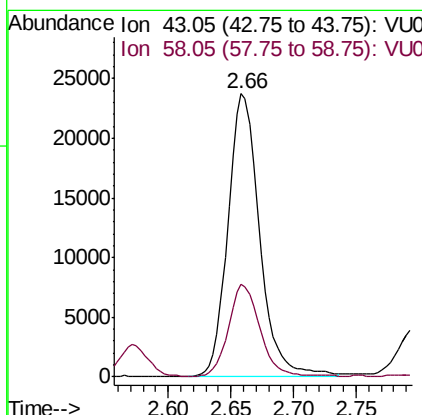
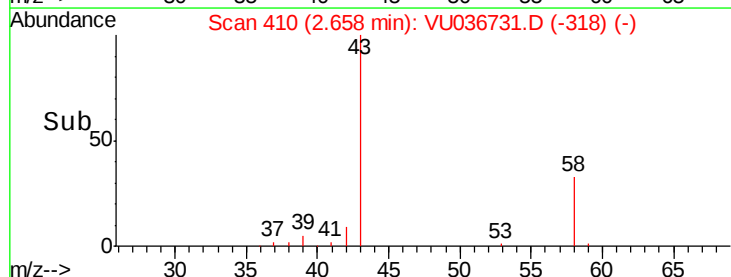
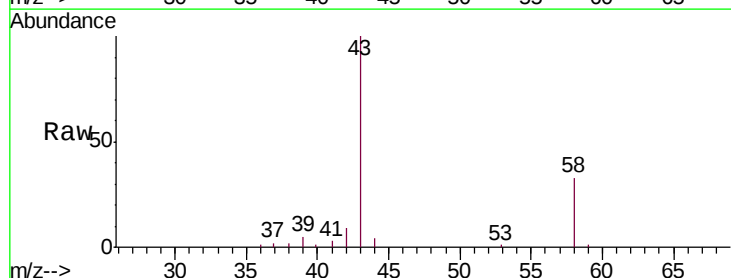
Instrument :
 MSVOA_U
 ClientSampleID :
 C0AA9

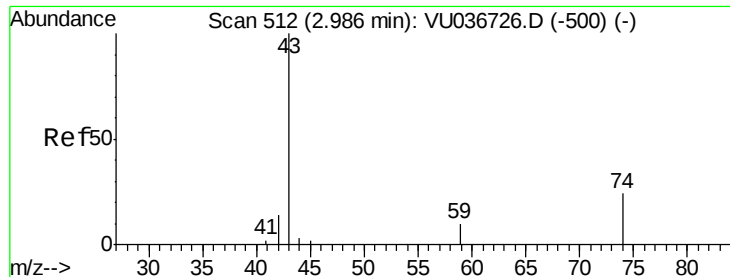
Tgt Ion: 96 Resp: 512
 Ion Ratio Lower Upper
 96 100
 61 1575.7 126.4 234.8#
 63 13216.0 89.5 166.3#



#13
 Acetone
 Concen: 14.595 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU036731.D
 Acq: 11 Feb 2020 19:35

Tgt Ion: 43 Resp: 41887
 Ion Ratio Lower Upper
 43 100
 58 32.6 0.0 64.2





#15

Methyl Acetate

Concen: 1.781 ug/L

RT: 2.80 min Scan# 453

Delta R.T. -0.19 min

Lab File: VU036731.D

Acq: 11 Feb 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

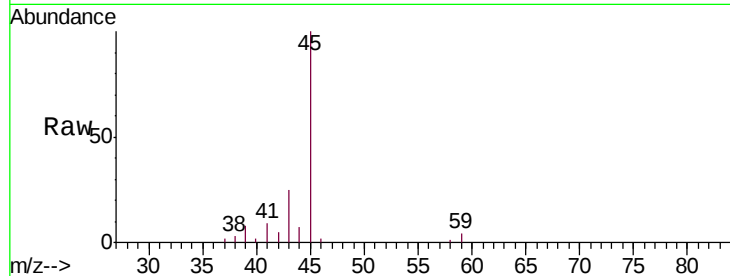
C0AA9

Tgt Ion: 43 Resp: 6781

Ion Ratio Lower Upper

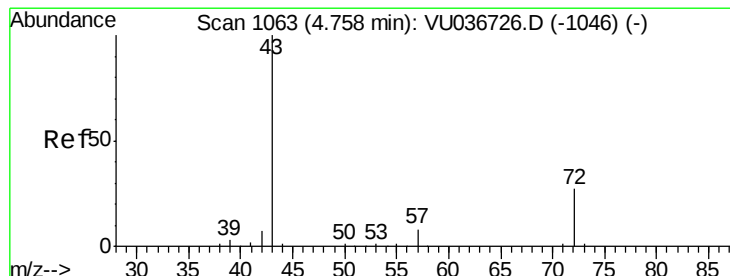
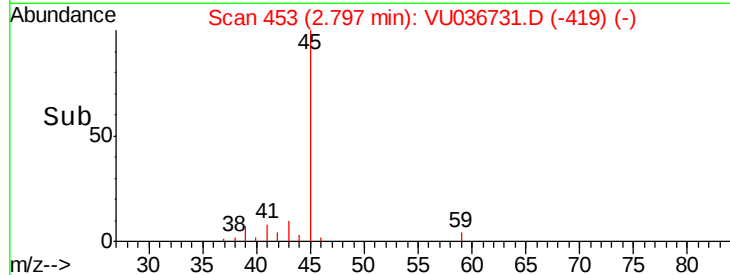
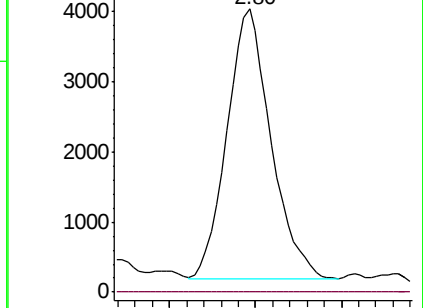
43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036731.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VU036731.D (-419) (-)



#21

2-Butanone

Concen: 2.625 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VU036731.D

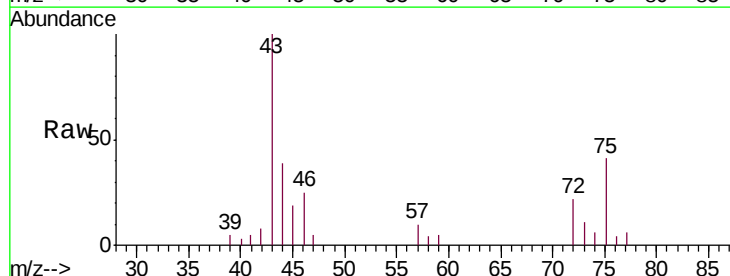
Acq: 11 Feb 2020 19:35

Tgt Ion: 43 Resp: 8765

Ion Ratio Lower Upper

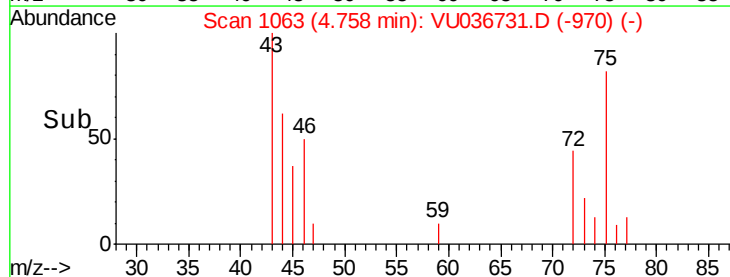
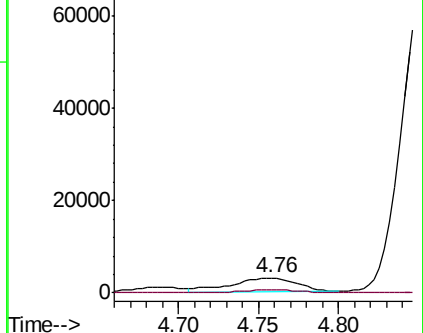
43 100

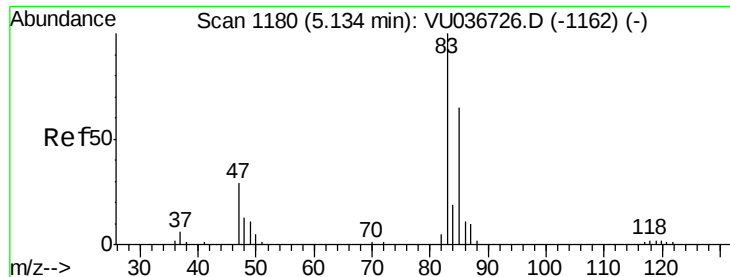
72 19.8 14.0 41.9



Abundance Ion 43.05 (42.75 to 43.75): VU036731.D (-970) (-)

Ion 72.10 (71.80 to 72.80): VU036731.D (-970) (-)

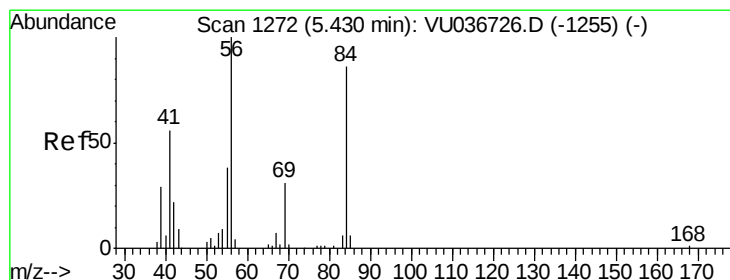
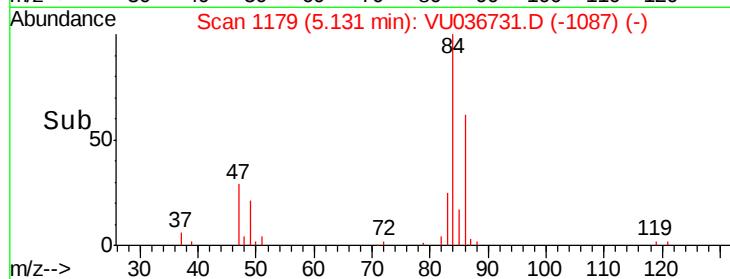
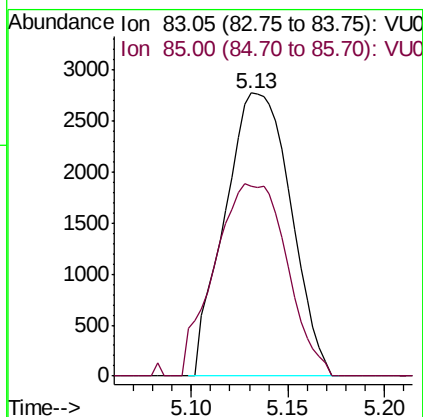
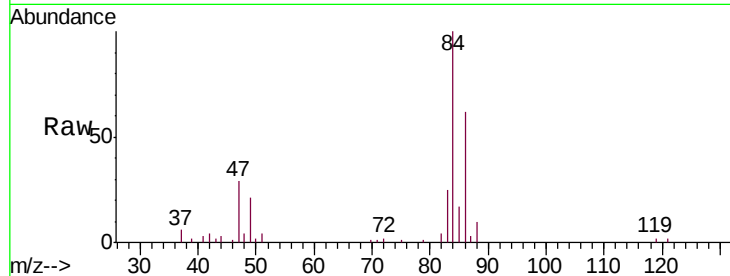




#25
Chloroform
Concen: 0.375 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036731.D
Acq: 11 Feb 2020 19:35

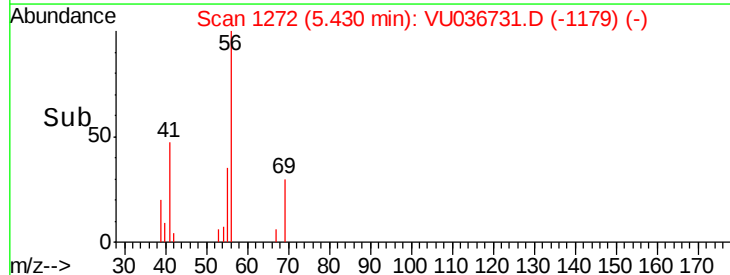
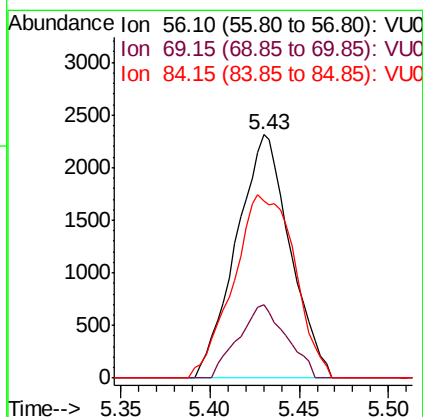
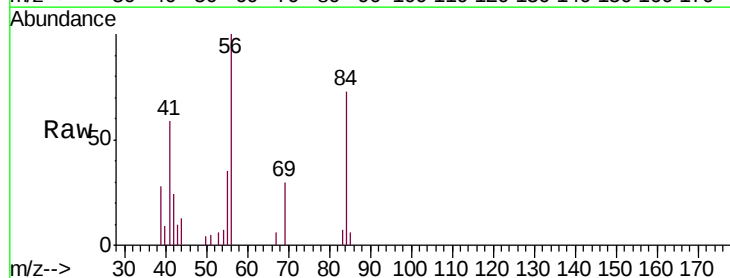
Instrument :
MSVOA_U
ClientSampleId :
C0AA9

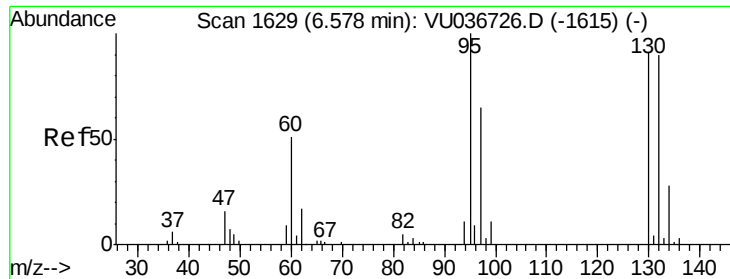
Tgt Ion: 83 Resp: 6567
Ion Ratio Lower Upper
83 100
85 67.0 45.4 84.2



#30
Cyclohexane
Concen: 0.358 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU036731.D
Acq: 11 Feb 2020 19:35

Tgt Ion: 56 Resp: 4879
Ion Ratio Lower Upper
56 100
69 26.8 24.6 37.0
84 85.7 70.0 105.0





#34

Trichloroethene

Concen: 0.142 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036731.D

Acq: 11 Feb 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

C0AA9

Tgt Ion: 95 Resp: 1305

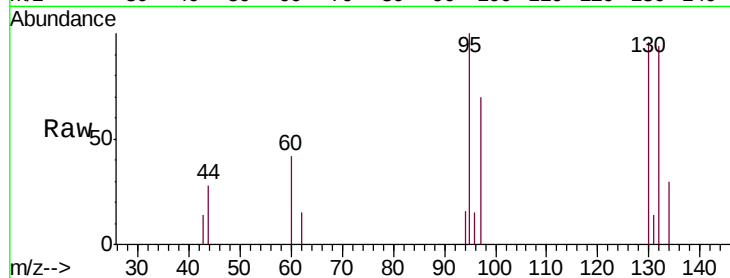
Ion Ratio Lower Upper

95 100

97 70.0 45.6 84.8

132 94.2 62.8 116.6

130 95.7 63.8 118.4

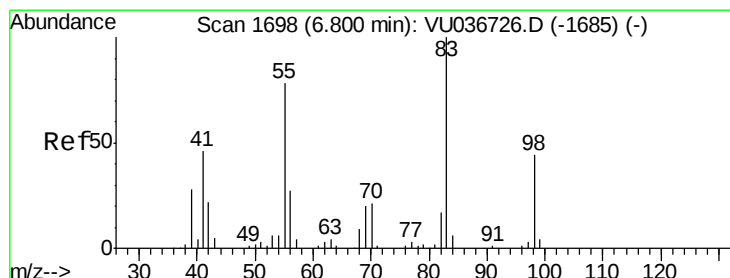
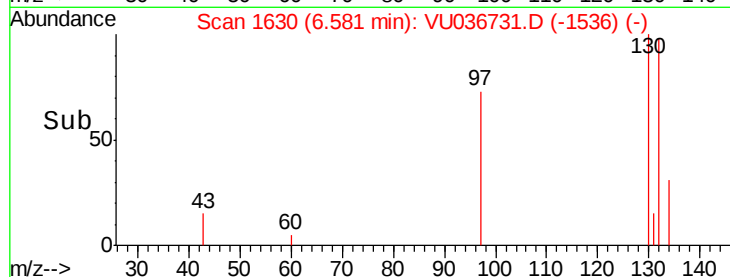
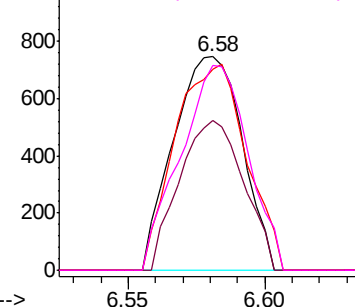


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036731.D

Acq: 11 Feb 2020 19:35

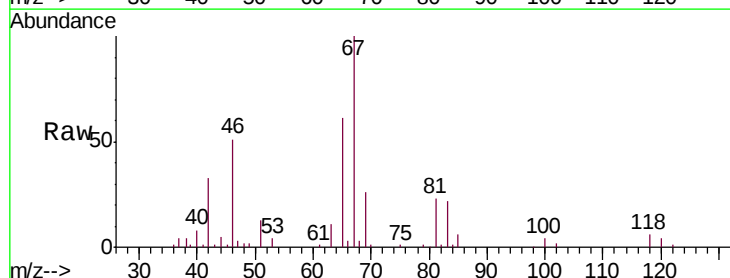
Tgt Ion: 83 Resp: 11961

Ion Ratio Lower Upper

83 100

55 0.4 61.0 91.4#

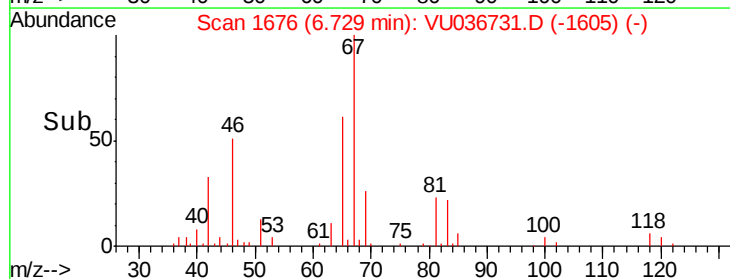
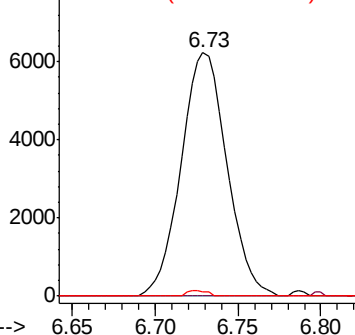
98 1.0 34.2 51.4#

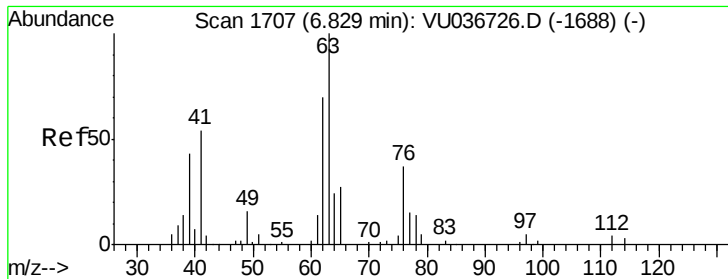


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

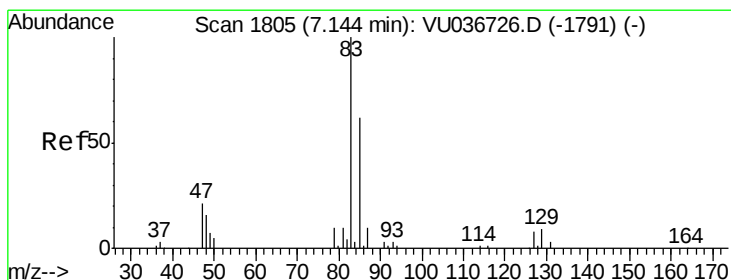
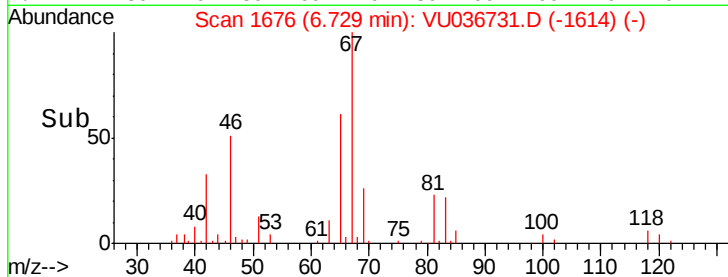
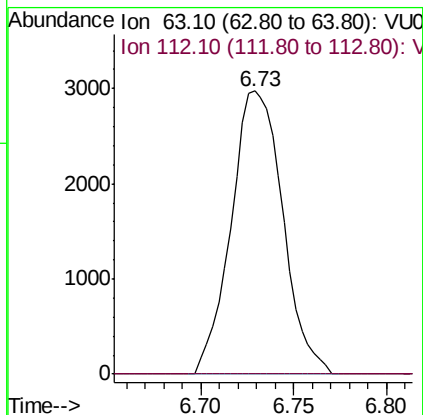
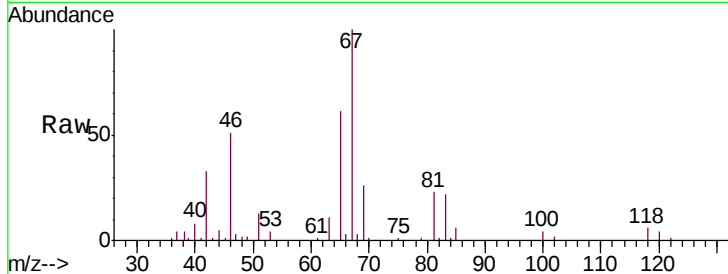




#37
 1,2-Dichloropropane
 Concen: 0.587 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036731.D
 Acq: 11 Feb 2020 19:35

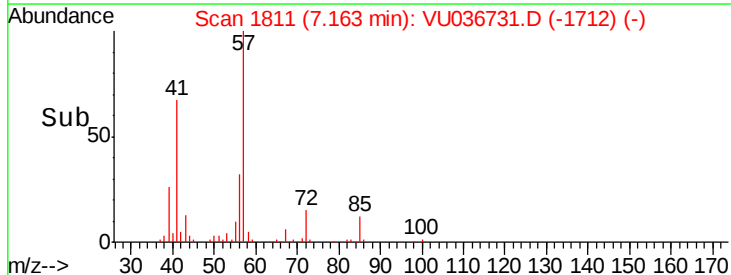
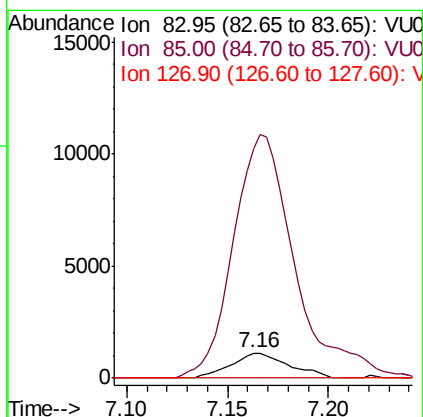
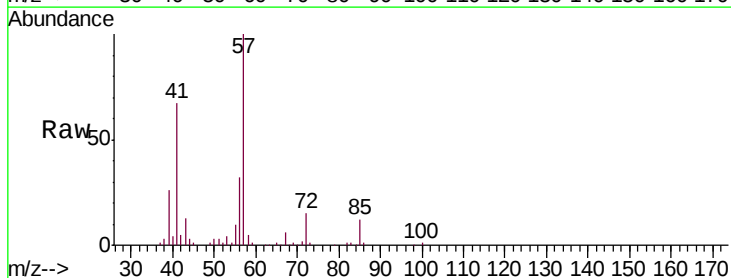
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9

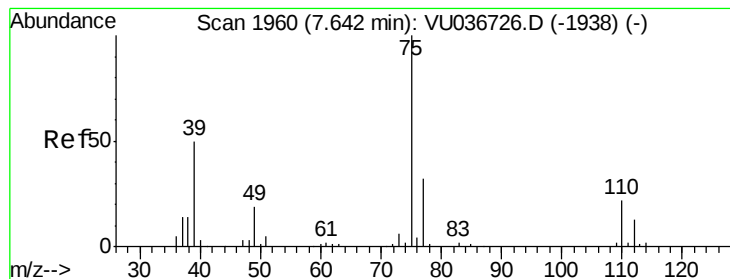
Tgt Ion: 63 Resp: 5767
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#38
 Bromodichloromethane
 Concen: 0.191 ug/L
 RT: 7.16 min Scan# 1811
 Delta R.T. 0.02 min
 Lab File: VU036731.D
 Acq: 11 Feb 2020 19:35

Tgt Ion: 83 Resp: 2243
 Ion Ratio Lower Upper
 83 100
 85 919.8 43.0 80.0#
 127 0.0 6.3 9.5#



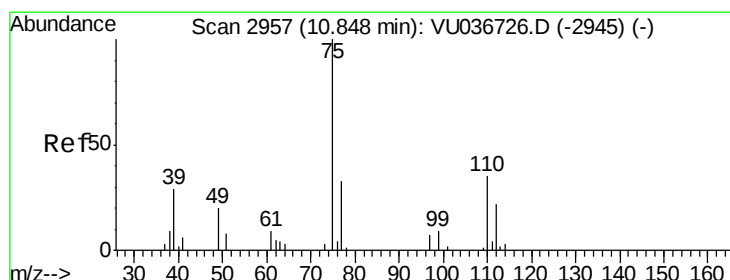
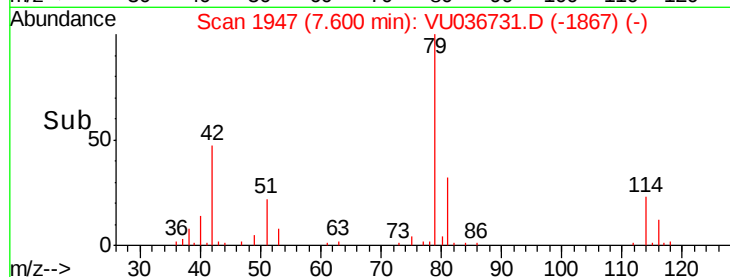
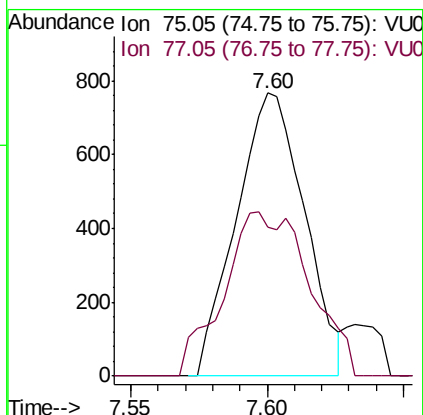
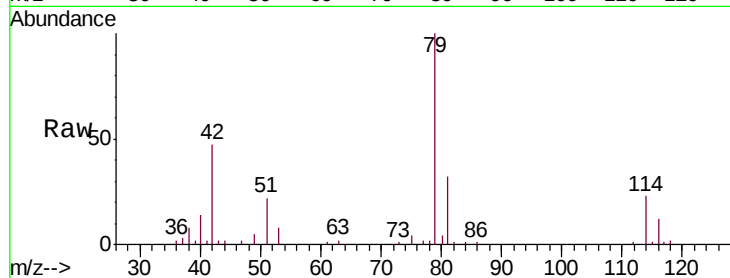


#39

cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036731.D
Acq: 11 Feb 2020 19:35

Instrument :
MSVOA_U
ClientSampleId :
C0AA9

Tgt Ion: 75 Resp: 1333
Ion Ratio Lower Upper
75 100
77 52.7 22.5 41.9#



#59

1,2,3-Trichloropropane
Concen: 1.071 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036731.D
Acq: 11 Feb 2020 19:35

Tgt Ion: 75 Resp: 6954
Ion Ratio Lower Upper
75 100
77 39.6 25.6 38.4#

