

Data File : VU036798.D
Acq On : 14 Feb 2020 19:49
Operator : JC/MD
Sample : L1537-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AR3

Quant Time: Feb 14 23:44:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	124959	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	116549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41309	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.93	69	39651	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.59	63	57034	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.67	46	116004	51.48	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.96%
24) Chloroform-d	5.11	84	74857	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.74	65	44462	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.76	84	161016	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	53873	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	145155	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.20	79	18284	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.66	63	99179	49.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.36%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41871	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	43008	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

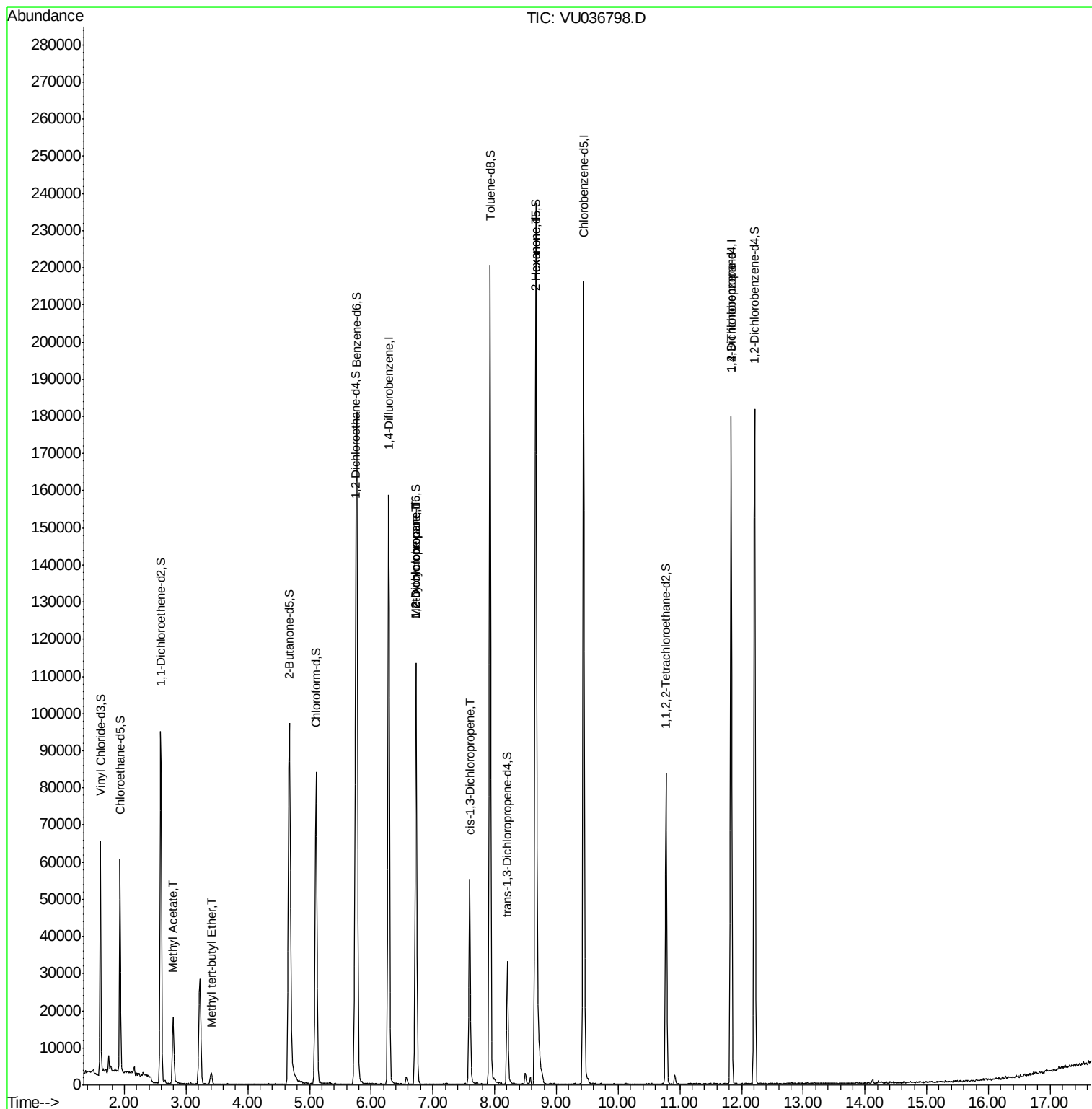
					Qvalue
15) Methyl Acetate	2.79	43	5220	1.365 ug/L #	52
17) Methyl tert-butyl Ether	3.41	73	3789	0.168 ug/L	91
35) Methylcyclohexane	6.73	83	11560	0.796 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5725	0.583 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1346	0.095 ug/L #	64
48) 2-Hexanone	8.66	43	10979	2.025 ug/L #	75
59) 1,2,3-Trichloropropane	11.83	75	6776	1.046 ug/L	92

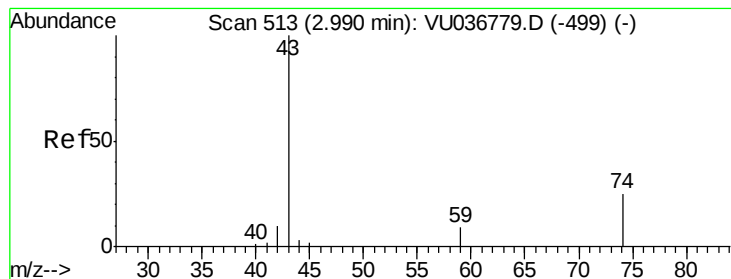
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 1.365 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.20 min

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ClientSampleId :

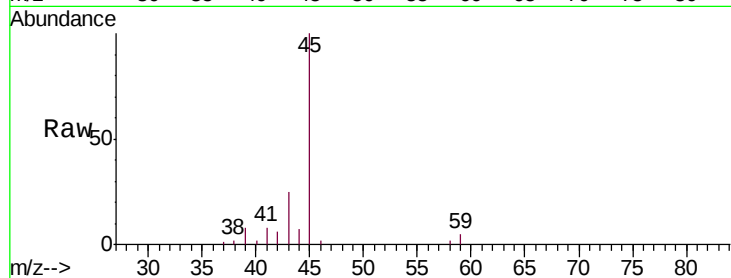
C0AR3

Tgt Ion: 43 Resp: 5220

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



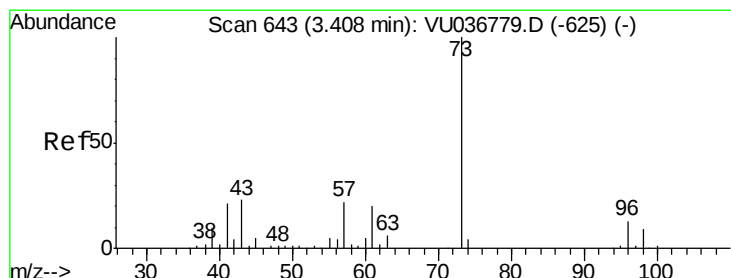
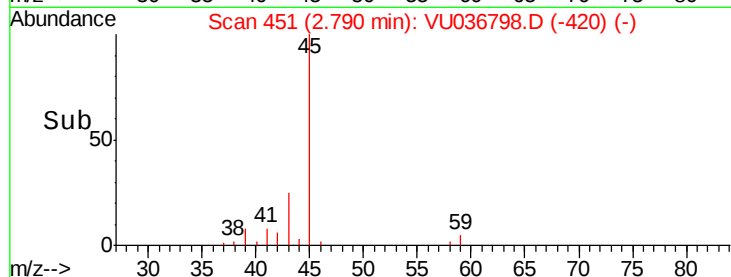
Abundance Ion 43.05 (42.75 to 43.75): VU036798.D (-420) (-)

Ion 74.05 (73.75 to 74.75): VU036798.D (-420) (-)

2.79

Time-->

2.75 2.80 2.85



#17

Methyl tert-butyl Ether

Concen: 0.168 ug/L

RT: 3.41 min Scan# 644

Delta R.T. 0.00 min

Lab File: VU036798.D

Acq: 14 Feb 2020 19:49

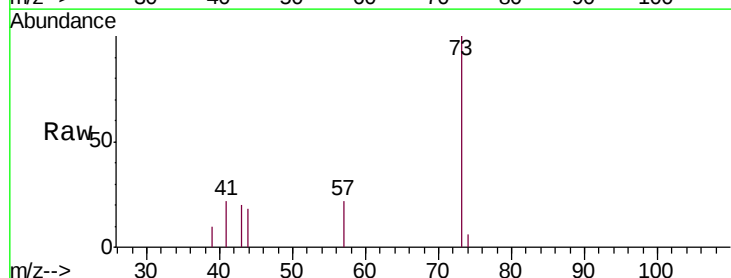
Tgt Ion: 73 Resp: 3789

Ion Ratio Lower Upper

73 100

43 19.1 18.7 28.1

57 18.3 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU036798.D (-550) (-)

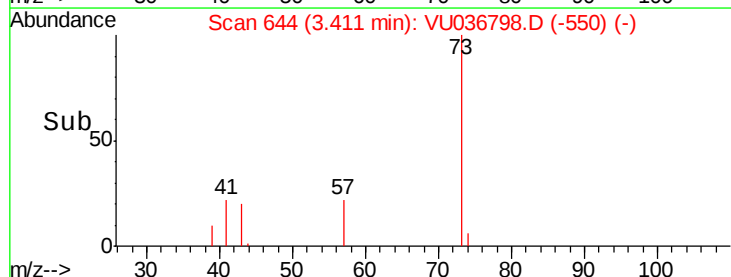
Ion 43.05 (42.75 to 43.75): VU036798.D (-550) (-)

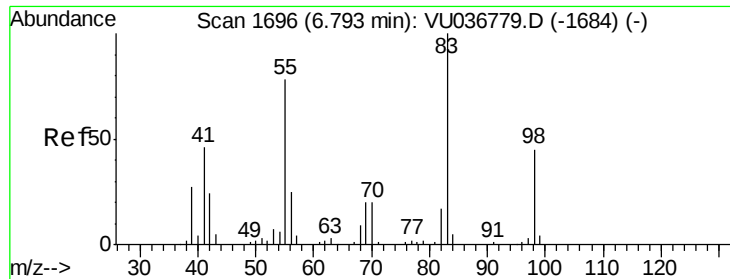
Ion 57.10 (56.80 to 57.80): VU036798.D (-550) (-)

3.41

Time-->

3.35 3.40 3.45

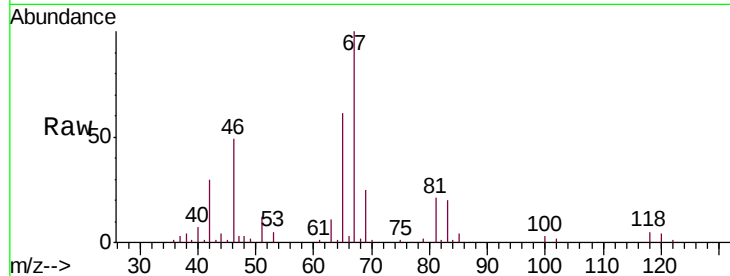




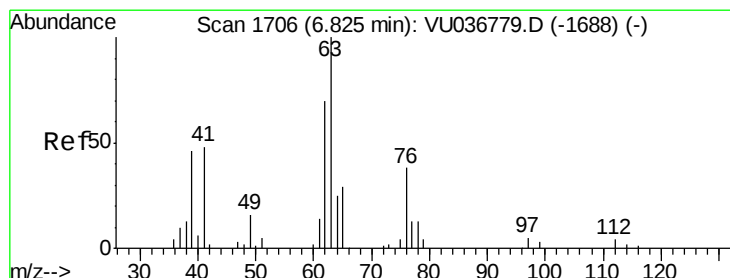
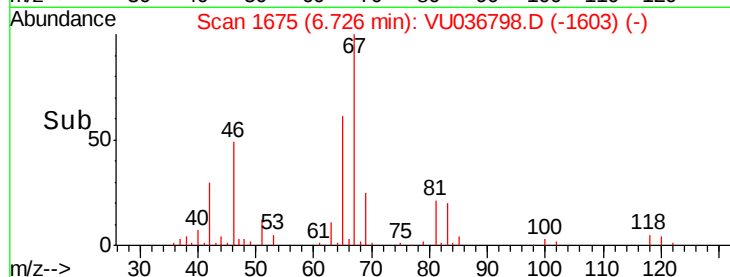
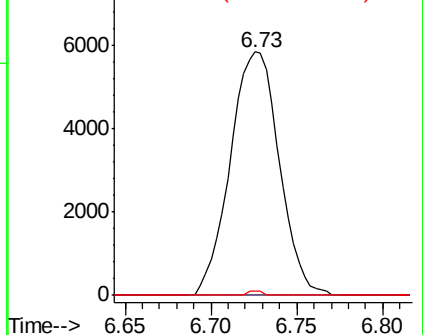
#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036798.D
Acq: 14 Feb 2020 19:49

Instrument :
MSVOA_U
ClientSampleId :
C0AR3

Tgt Ion: 83 Resp: 11560
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.5 34.2 51.4#

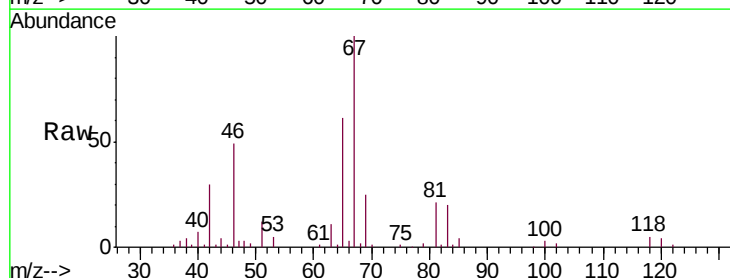


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

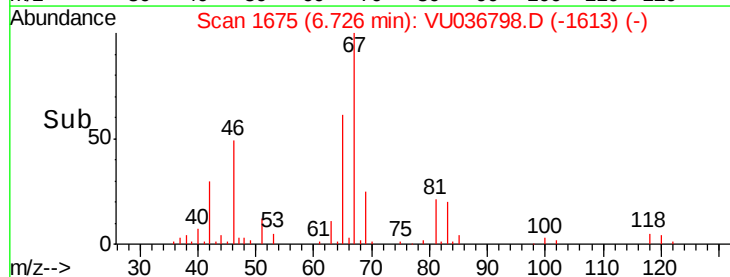
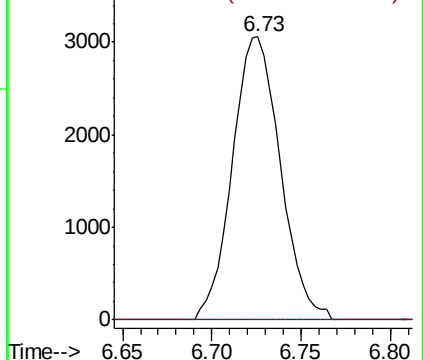


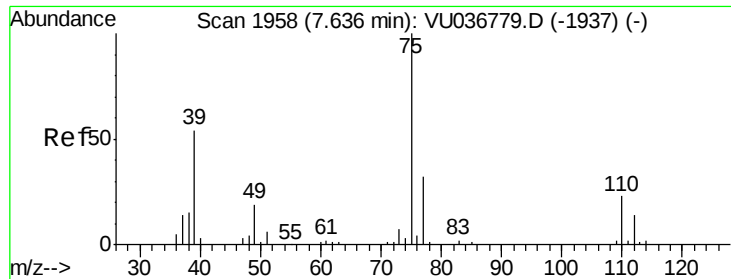
#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036798.D
Acq: 14 Feb 2020 19:49

Tgt Ion: 63 Resp: 5725
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

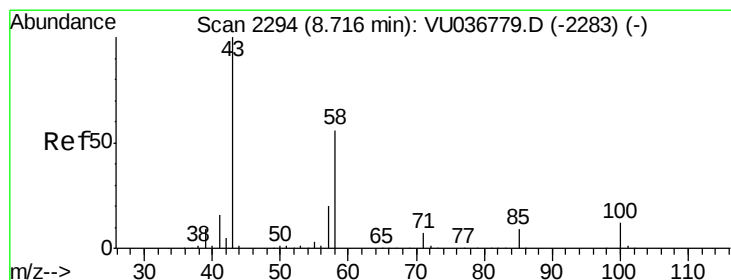
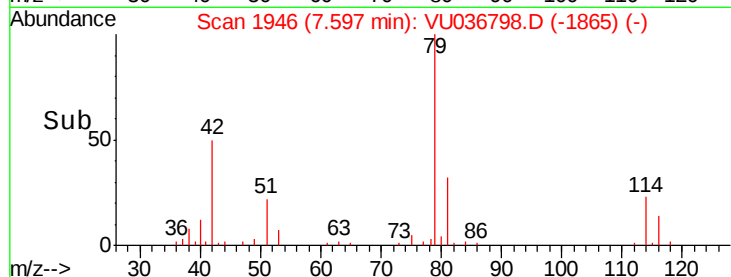
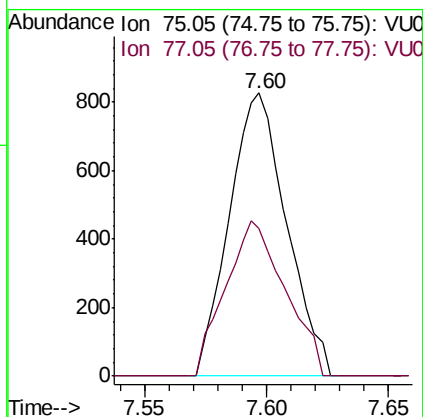
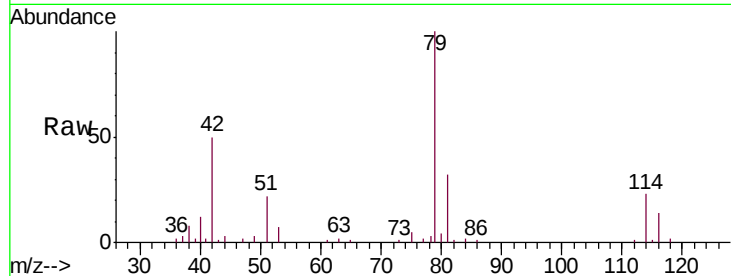




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036798.D
 Acq: 14 Feb 2020 19:49

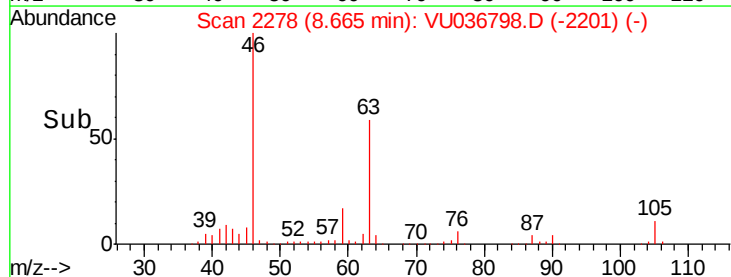
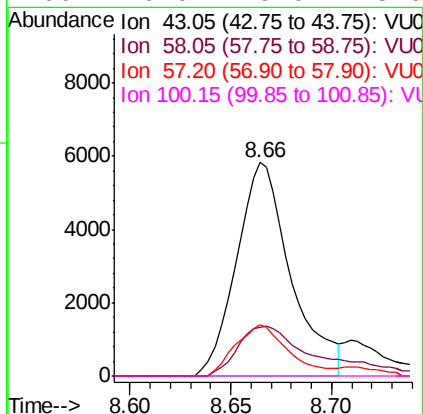
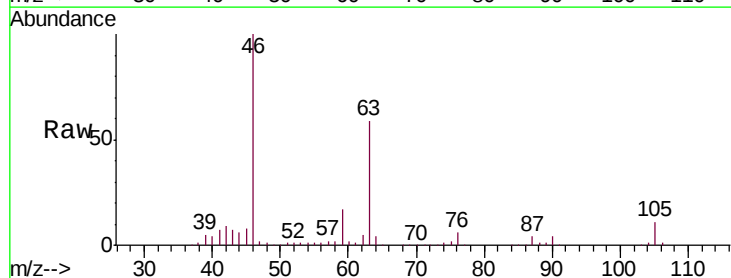
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR3

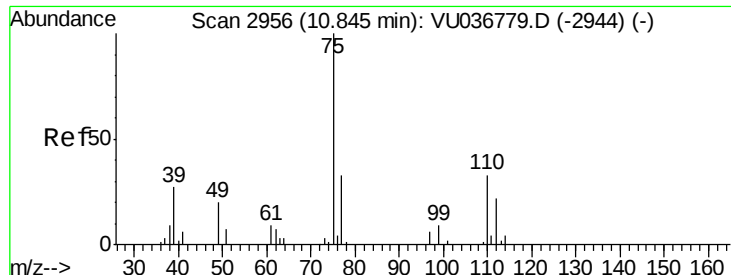
Tgt Ion: 75 Resp: 1346
 Ion Ratio Lower Upper
 75 100
 77 52.2 22.5 41.9#



#48
 2-Hexanone
 Concen: 2.025 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036798.D
 Acq: 14 Feb 2020 19:49

Tgt Ion: 43 Resp: 10979
 Ion Ratio Lower Upper
 43 100
 58 33.3 43.6 65.4#
 57 23.4 15.0 22.4#
 100 0.0 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.046 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036798.D

Acq: 14 Feb 2020 19:49

Instrument :

MSVOA_U

ClientSampleId :

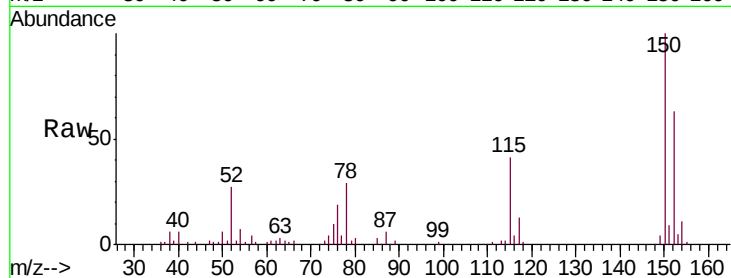
C0AR3

Tgt Ion: 75 Resp: 6776

Ion Ratio Lower Upper

75 100

77 36.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

