

Data File : VU036742.D
Acq On : 12 Feb 2020 11:14
Operator : JC/MD
Sample : L1414-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA9

Quant Time: Feb 13 01:02:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	120360	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	111900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45868	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48819	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	43937	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	63894	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.67	46	112025	51.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.22%
24) Chloroform-d	5.11	84	77212	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	44240	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	169493	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.73	67	53791	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.92	98	156919	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.21	79	18877	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.66	63	96045	50.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39350	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	47326	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

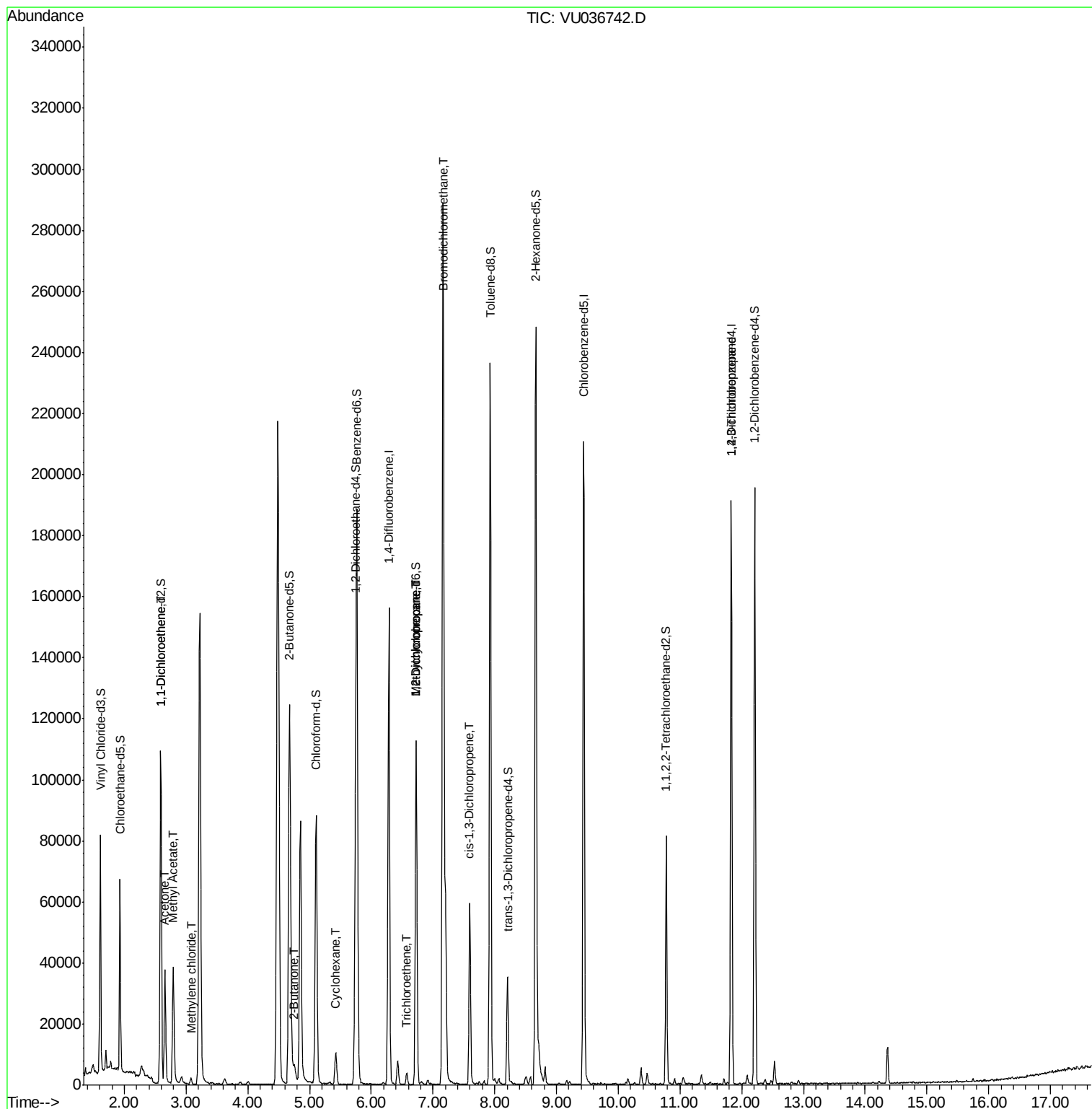
					Qvalue
12) 1,1-Dichloroethene	2.59	96	492	0.067 ug/L #	1
13) Acetone	2.66	43	41567	14.976 ug/L	100
15) Methyl Acetate	2.79	43	9847	2.674 ug/L #	52
16) Methylene chloride	3.08	84	837	0.068 ug/L	85
21) 2-Butanone	4.76	43	4308	1.334 ug/L	98
30) Cyclohexane	5.42	56	5204	0.399 ug/L	98
34) Trichloroethene	6.58	95	1420	0.162 ug/L	93
35) Methylcyclohexane	6.73	83	11700	0.839 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5897	0.626 ug/L #	89
38) Bromodichloromethane	7.16	83	2467	0.219 ug/L #	1
39) cis-1,3-Dichloropropene	7.60	75	1340	0.098 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	7222	1.161 ug/L #	88

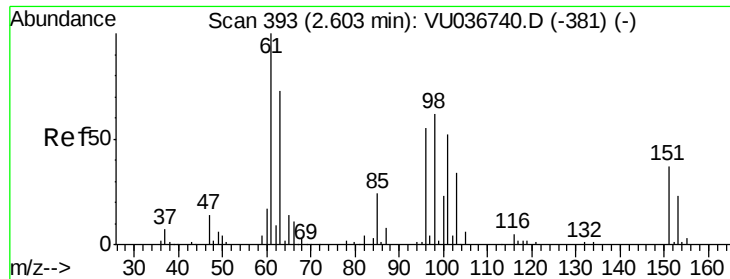
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
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#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU036742.D

Acq: 12 Feb 2020 11:14

Instrument :

MSVOA_U

ClientSampled :

C0AA9

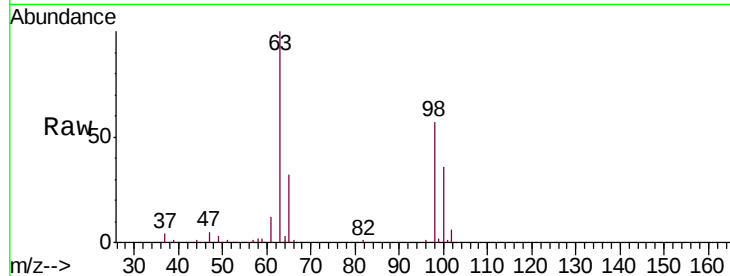
Tgt Ion: 96 Resp: 492

Ion Ratio Lower Upper

96 100

61 1316.5 126.4 234.8#

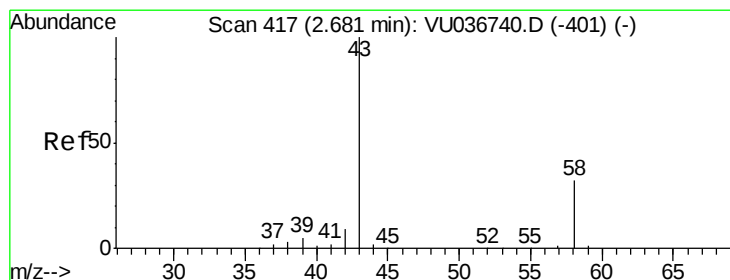
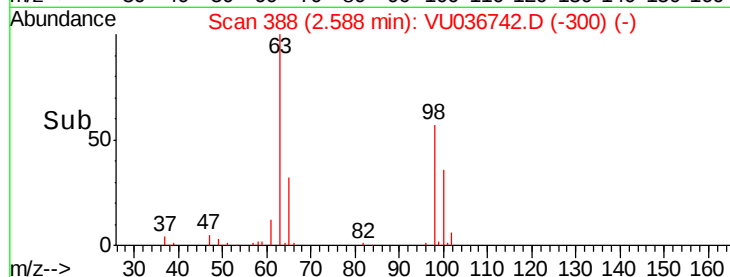
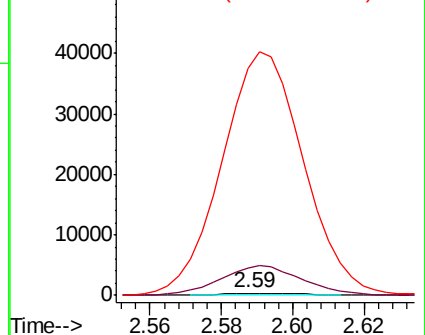
63 10847.5 89.5 166.3#



Abundance Ion 96.00 (95.70 to 96.70): VU036742.D (-388) (-)

Ion 61.05 (60.75 to 61.75): VU036742.D (-388) (-)

Ion 63.00 (62.70 to 63.70): VU036742.D (-388) (-)



#13

Acetone

Concen: 14.976 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036742.D

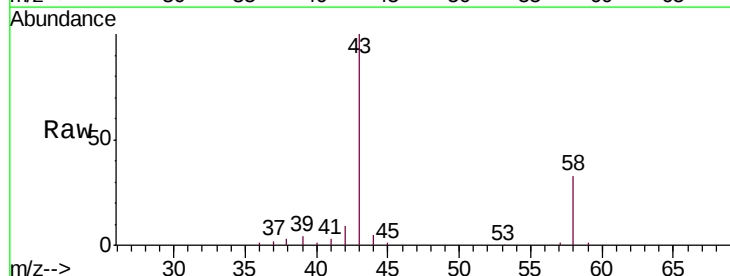
Acq: 12 Feb 2020 11:14

Tgt Ion: 43 Resp: 41567

Ion Ratio Lower Upper

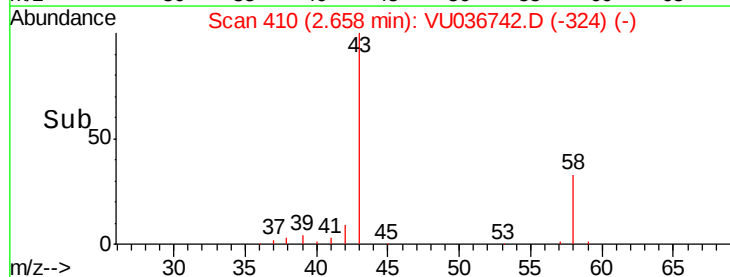
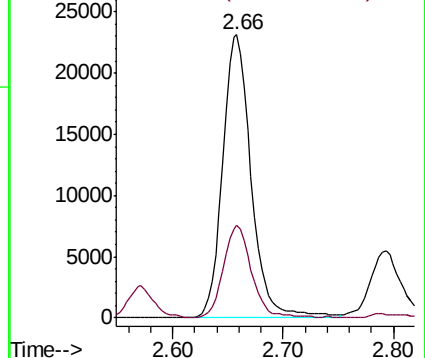
43 100

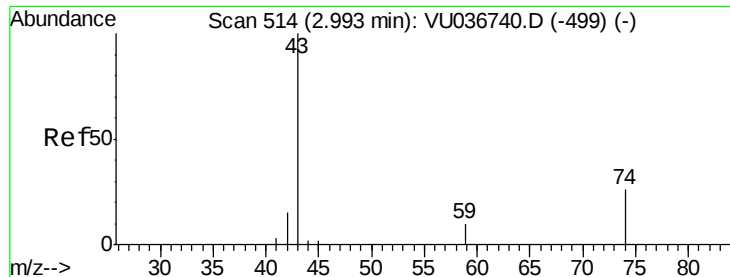
58 32.0 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036742.D (-410) (-)

Ion 58.05 (57.75 to 58.75): VU036742.D (-410) (-)

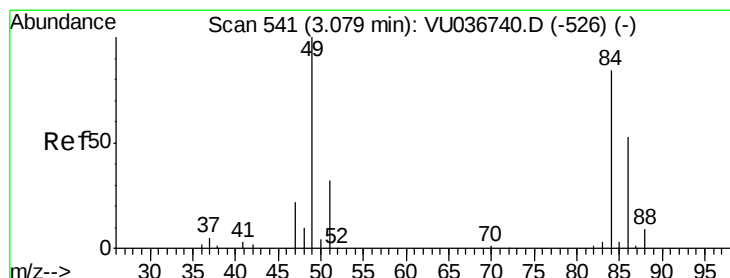
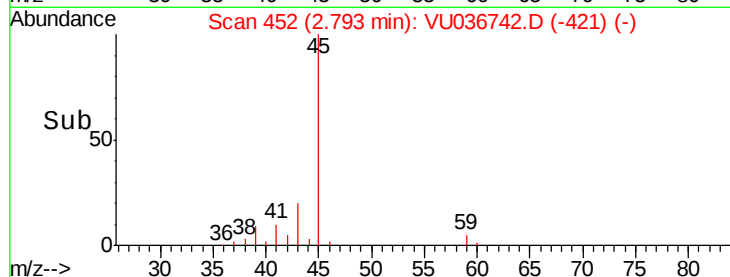
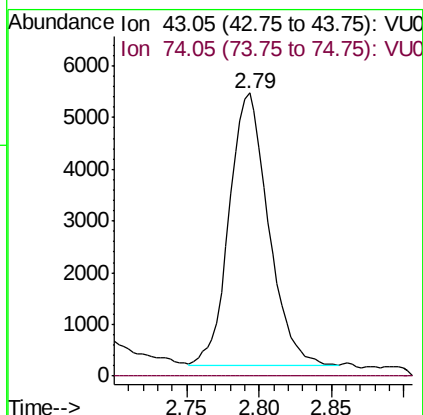
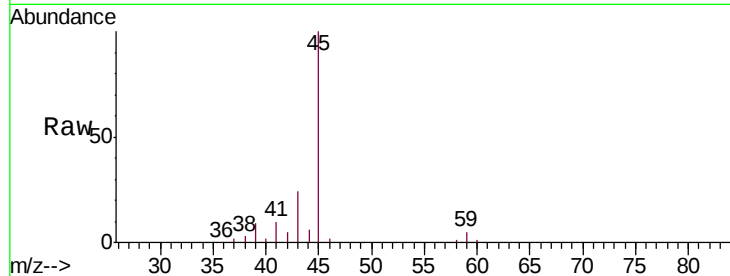




#15
Methyl Acetate
Concen: 2.674 ug/L
RT: 2.79 min Scan# 452
Delta R.T. -0.20 min
Lab File: VU036742.D
Acq: 12 Feb 2020 11:14

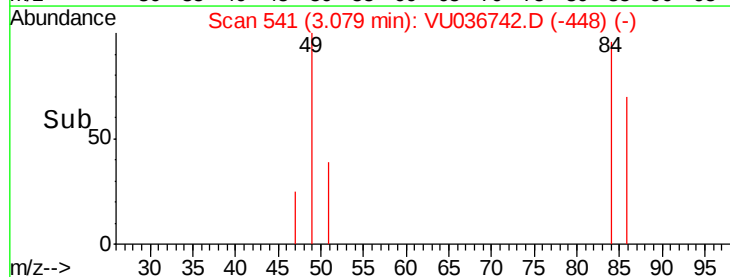
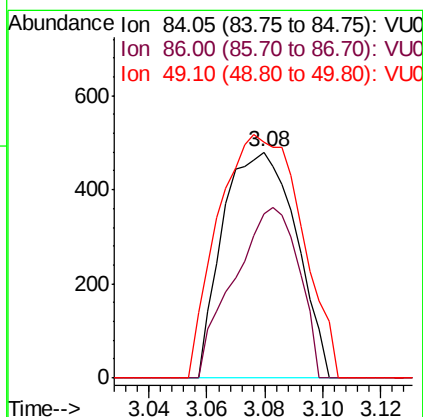
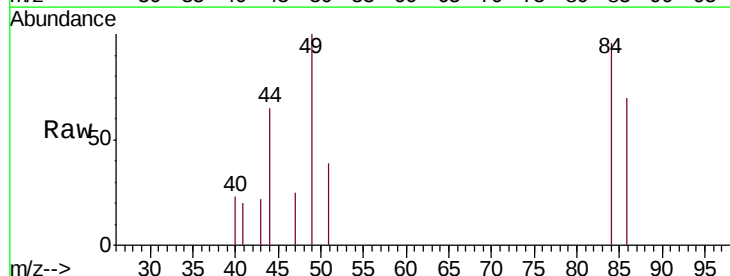
Instrument :
MSVOA_U
ClientSampleId :
C0AA9

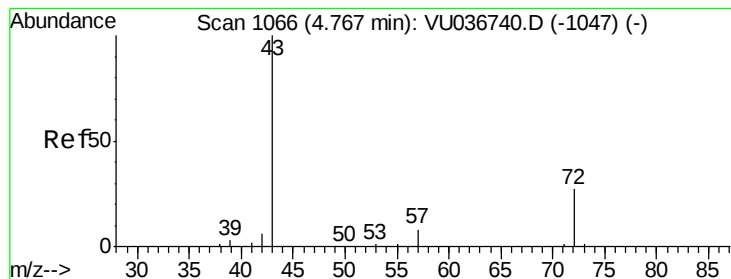
Tgt Ion: 43 Resp: 9847
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#16
Methylene chloride
Concen: 0.068 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036742.D
Acq: 12 Feb 2020 11:14

Tgt Ion: 84 Resp: 837
Ion Ratio Lower Upper
84 100
86 72.9 44.7 82.9
49 104.6 86.7 160.9





#21

2-Butanone

Concen: 1.334 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VU036742.D

Acq: 12 Feb 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

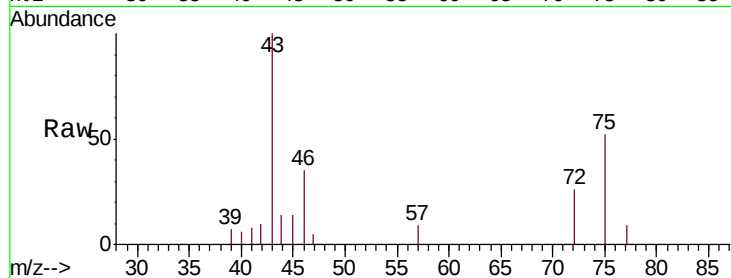
C0AA9

Tgt Ion: 43 Resp: 4308

Ion Ratio Lower Upper

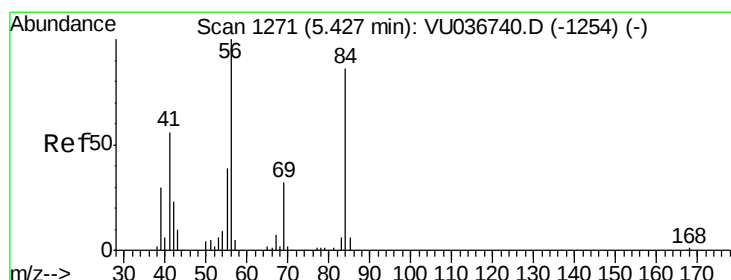
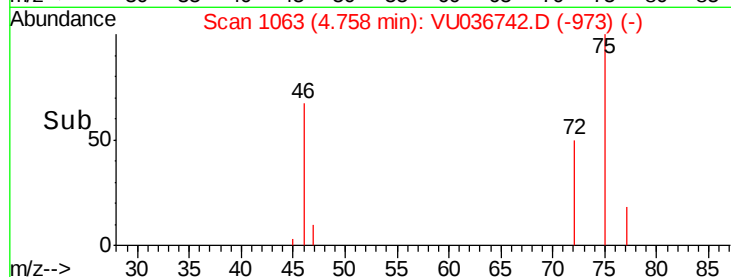
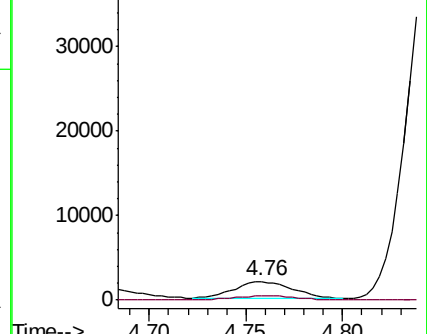
43 100

72 26.8 14.0 41.9



Abundance Ion 43.05 (42.75 to 43.75): VU036742.D (-1047) (-)

Ion 72.10 (71.80 to 72.80): VU036742.D (-1047) (-)



#30

Cyclohexane

Concen: 0.399 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU036742.D

Acq: 12 Feb 2020 11:14

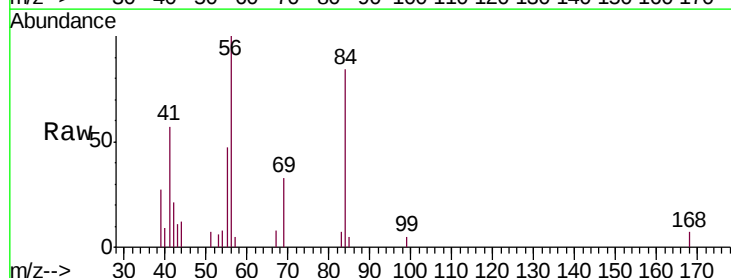
Tgt Ion: 56 Resp: 5204

Ion Ratio Lower Upper

56 100

69 33.4 24.6 37.0

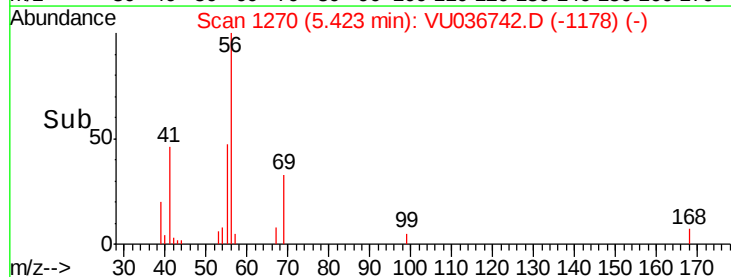
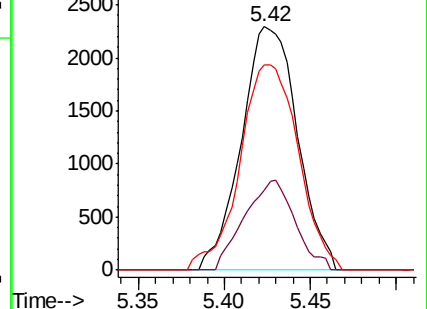
84 88.0 70.0 105.0

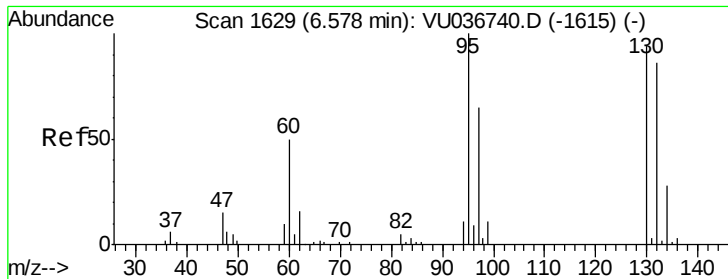


Abundance Ion 56.10 (55.80 to 56.80): VU036742.D (-1178) (-)

Ion 69.15 (68.85 to 69.85): VU036742.D (-1178) (-)

Ion 84.15 (83.85 to 84.85): VU036742.D (-1178) (-)





#34

Trichloroethene

Concen: 0.162 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU036742.D

Acq: 12 Feb 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

C0AA9

Tgt Ion: 95 Resp: 1420

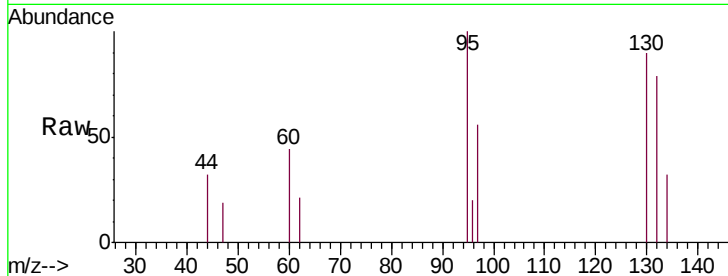
Ion Ratio Lower Upper

95 100

97 55.9 45.6 84.8

132 79.1 62.8 116.6

130 90.5 63.8 118.4

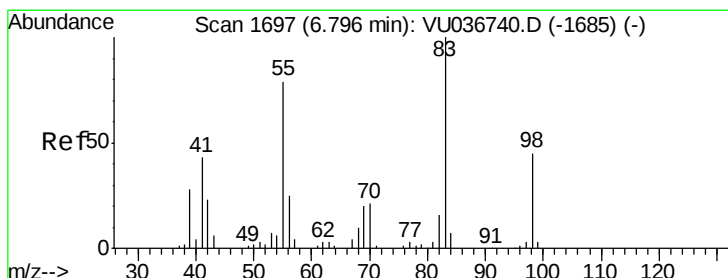
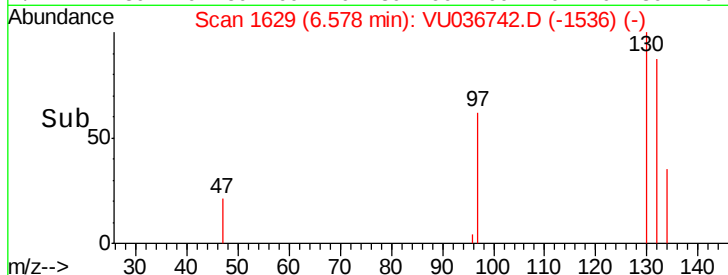
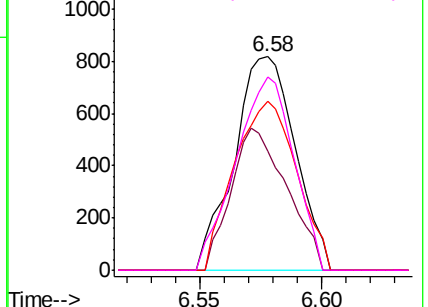


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.839 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036742.D

Acq: 12 Feb 2020 11:14

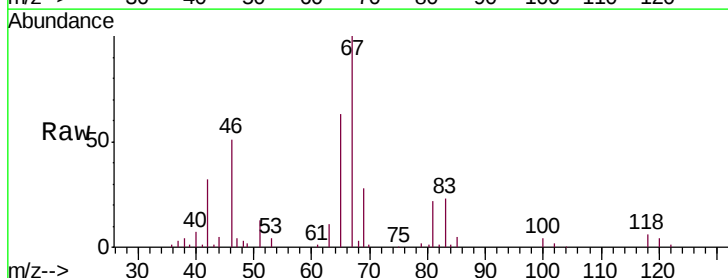
Tgt Ion: 83 Resp: 11700

Ion Ratio Lower Upper

83 100

55 0.2 61.0 91.4#

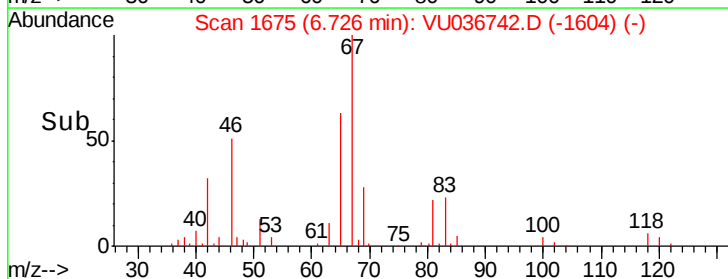
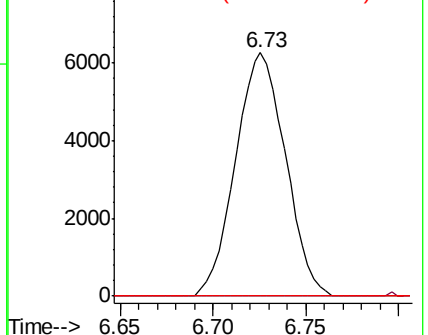
98 0.0 34.2 51.4#

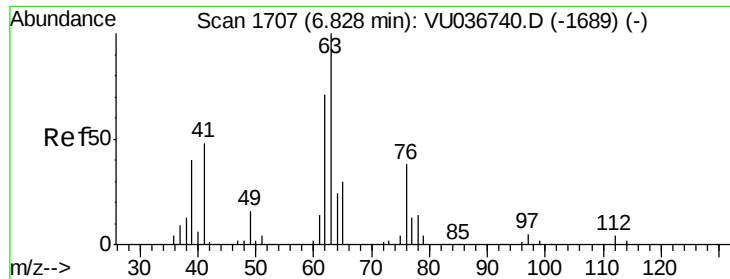


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

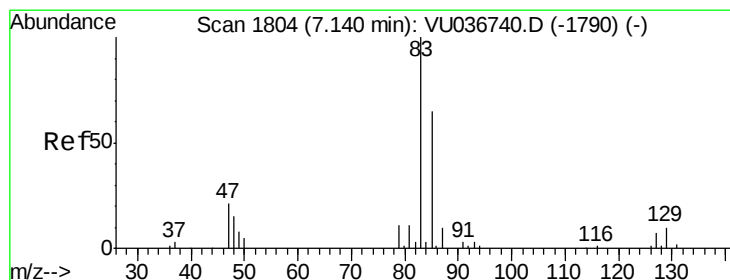
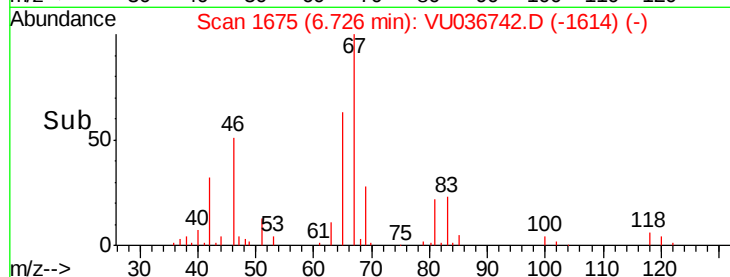
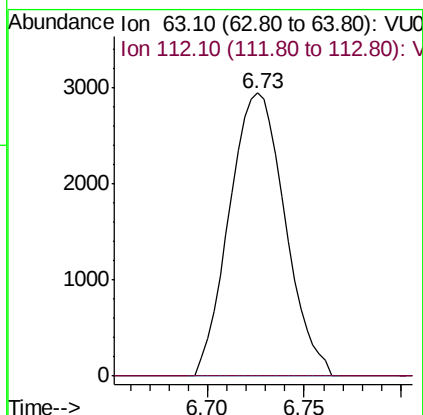
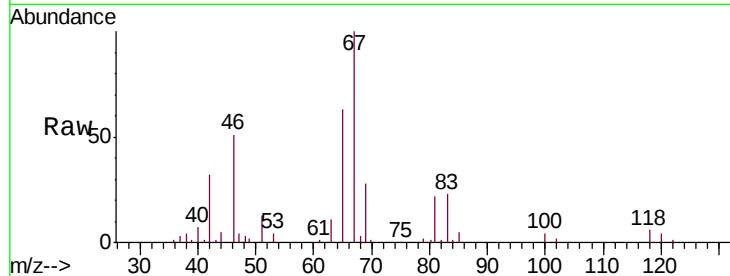




#37
 1,2-Dichloropropane
 Concen: 0.626 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036742.D
 Acq: 12 Feb 2020 11:14

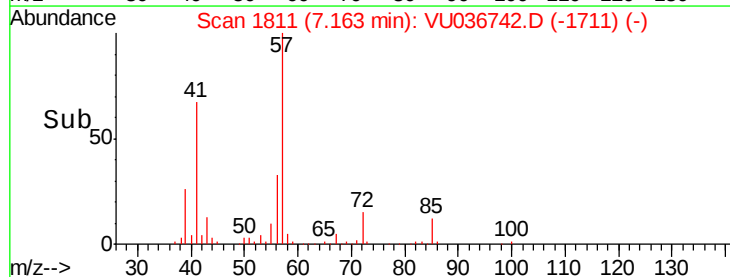
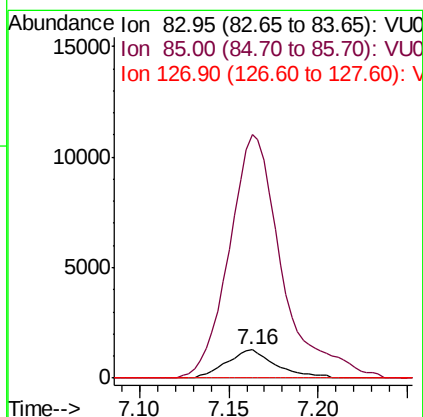
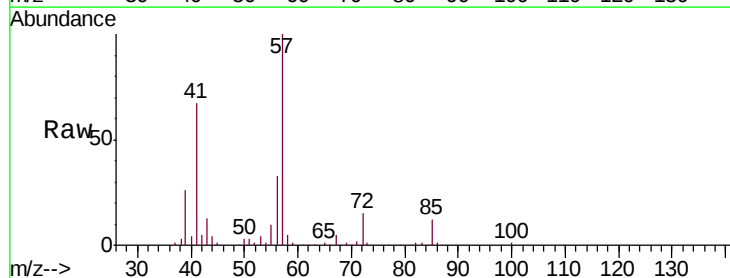
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9

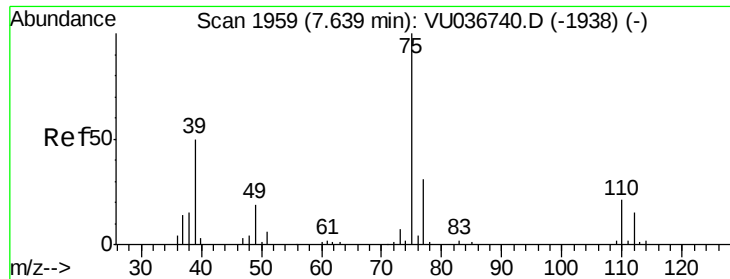
Tgt Ion: 63 Resp: 5897
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#38
 Bromodichloromethane
 Concen: 0.219 ug/L
 RT: 7.16 min Scan# 1811
 Delta R.T. 0.02 min
 Lab File: VU036742.D
 Acq: 12 Feb 2020 11:14

Tgt Ion: 83 Resp: 2467
 Ion Ratio Lower Upper
 83 100
 85 871.3 43.0 80.0#
 127 0.0 6.3 9.5#



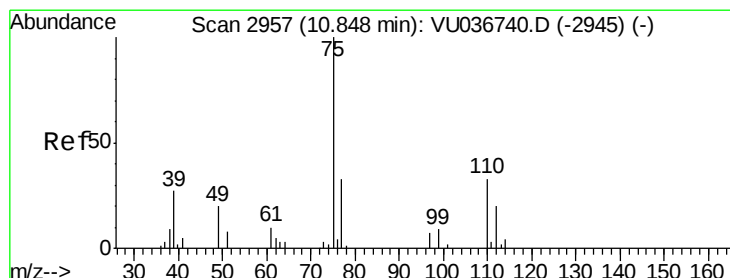
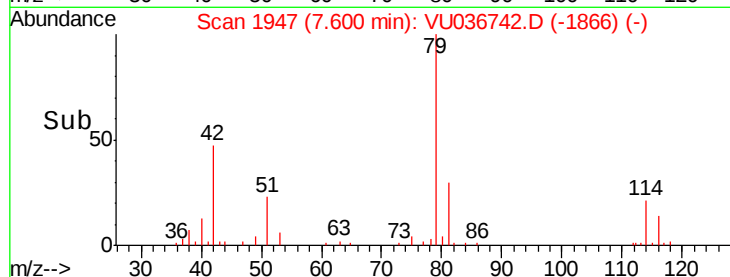
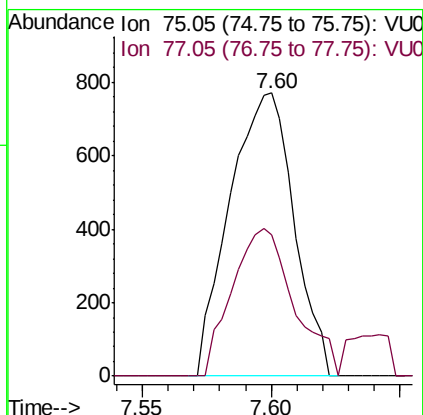
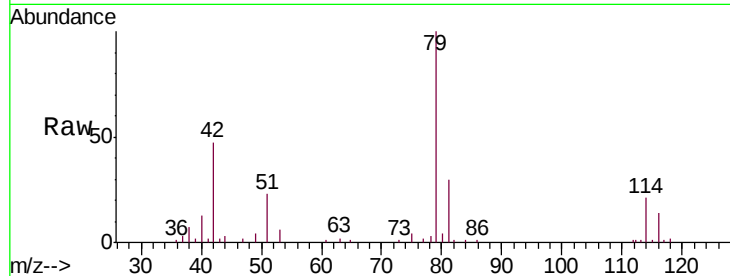


#39

cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036742.D
 Acq: 12 Feb 2020 11:14

Instrument :
 MSVOA_U
 ClientSampleID :
 C0AA9

Tgt Ion: 75 Resp: 1340
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.5 41.9#



#59

1,2,3-Trichloropropane
 Concen: 1.161 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036742.D
 Acq: 12 Feb 2020 11:14

Tgt Ion: 75 Resp: 7222
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.6 38.4#

