

Data File : VU036966.D
Acq On : 28 Feb 2020 12:28
Operator : JC/MD
Sample : L1687-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT4

Quant Time: Feb 29 00:33:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	246427	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	233183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86539	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87563	42.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.62%
7) Chloroethane-d5	1.93	69	80866	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.46%
11) 1,1-Dichloroethene-d2	2.59	63	116349	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	4.67	46	140212	101.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.01%
24) Chloroform-d	5.11	84	154743	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
26) 1,2-Dichloroethane-d4	5.74	65	106511	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.76	84	336217	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.72	67	111525	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.10%
41) Toluene-d8	7.93	98	302978	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%
43) trans-1,3-Dichloropropene-	8.20	79	46096	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
47) 2-Hexanone-d5	8.66	63	104597	97.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153802	49.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.86%
64) 1,2-Dichlorobenzene-d4	12.21	152	91518	54.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

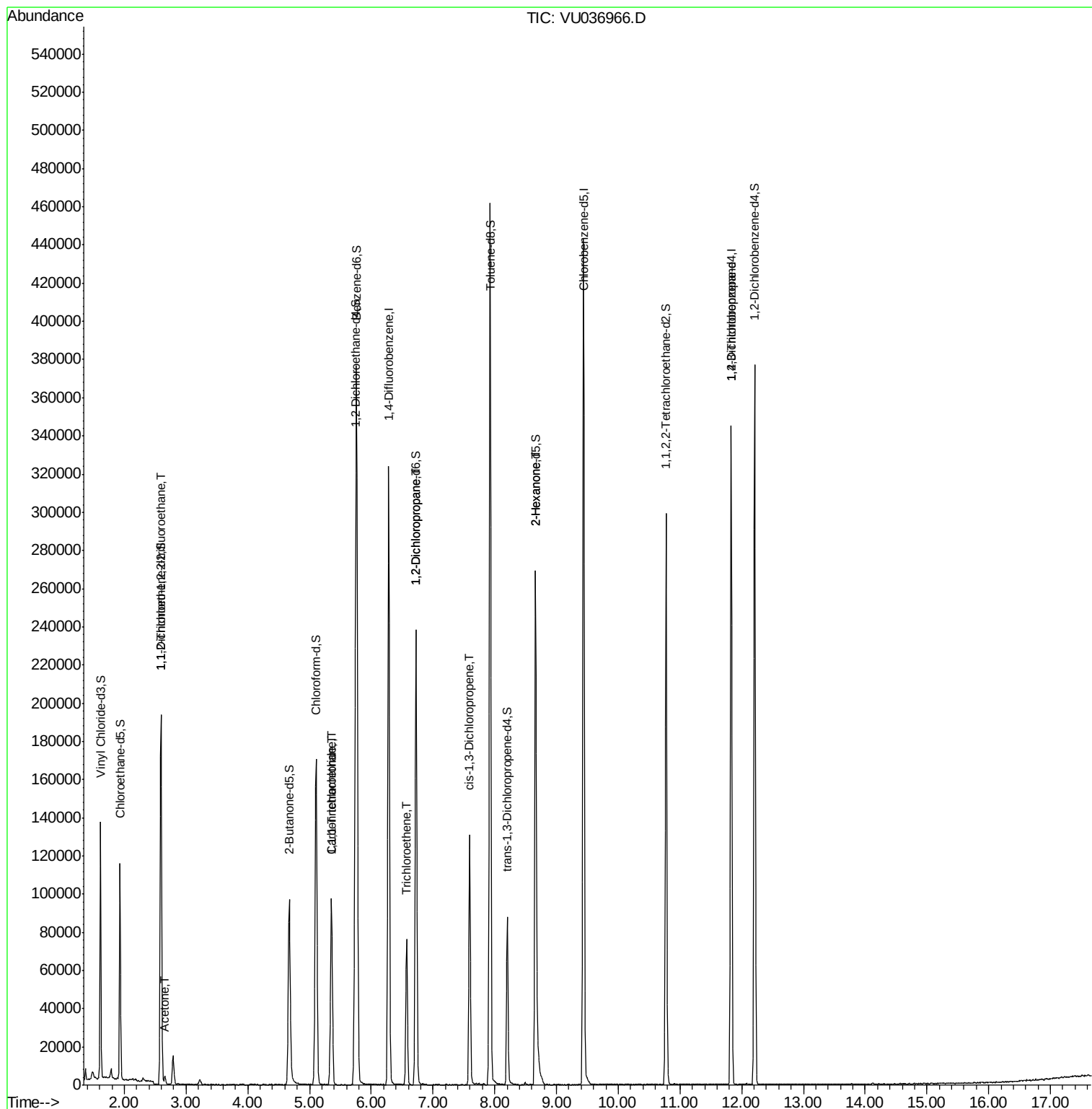
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1988	1.263	ug/L #	58
13) Acetone	2.66	43	4873	3.413	ug/L	89
30) 1,1,1-Trichloroethane	5.36	97	67624	27.049	ug/L	99
31) Carbon tetrachloride	5.35	117	8722	4.451	ug/L	99
34) Trichloroethene	6.57	95	25978	14.348	ug/L	100
37) 1,2-Dichloropropane	6.73	63	12347	6.225	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3142	1.028	ug/L #	70
48) 2-Hexanone	8.66	43	12052	5.167	ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	12744	4.994	ug/L	93

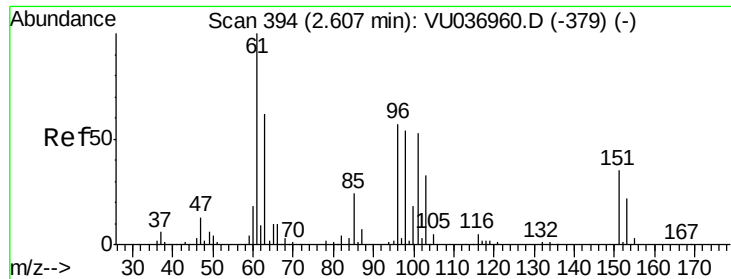
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.263 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036966.D

Acq: 28 Feb 2020 12:28

Instrument :

MSVOA_U

ClientSampleId :

C0AT4

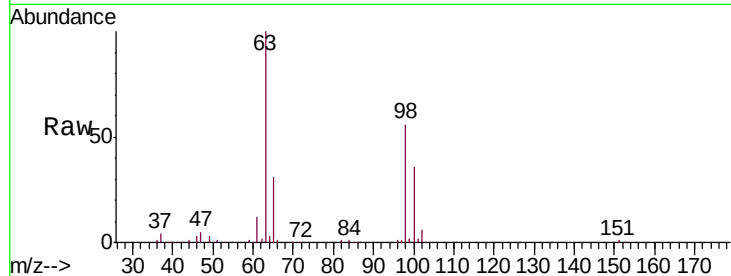
Tgt Ion:101 Resp: 1988

Ion Ratio Lower Upper

101 100

85 16.6 36.4 54.6#

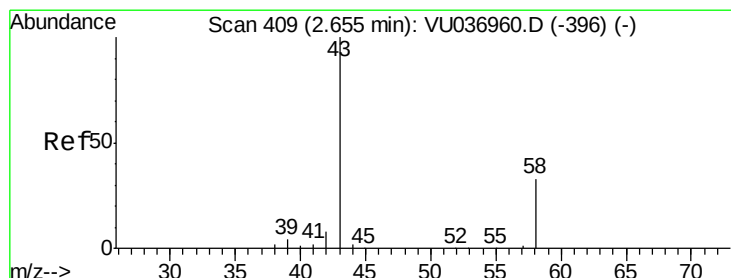
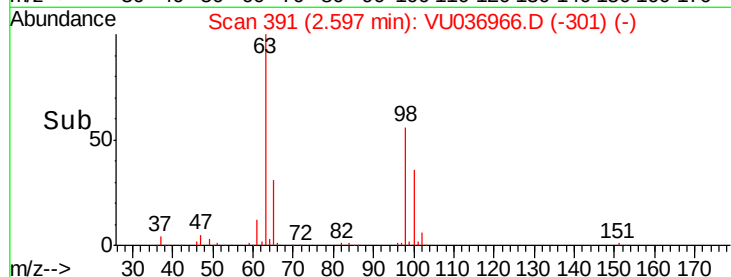
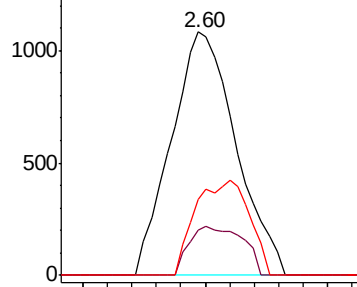
151 32.7 52.4 78.6#



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



#13

Acetone

Concen: 3.413 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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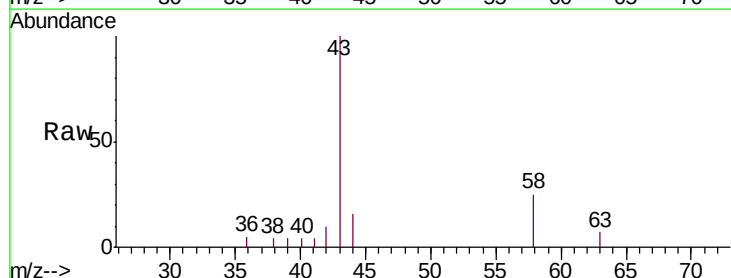
Acq: 28 Feb 2020 12:28

Tgt Ion: 43 Resp: 4873

Ion Ratio Lower Upper

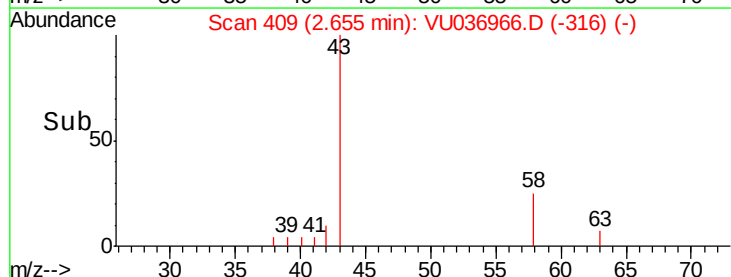
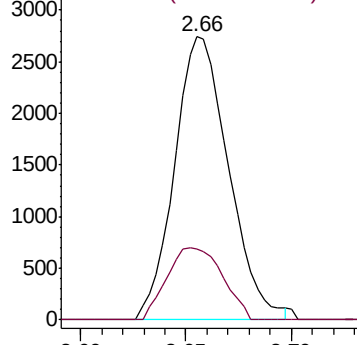
43 100

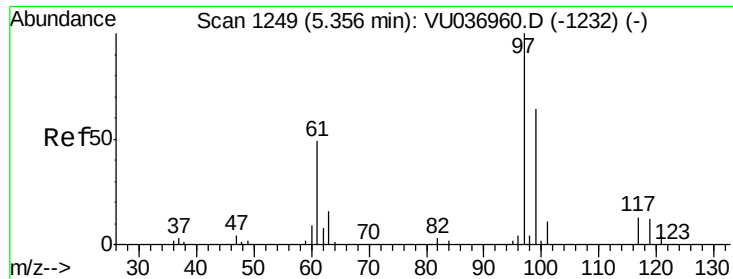
58 26.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

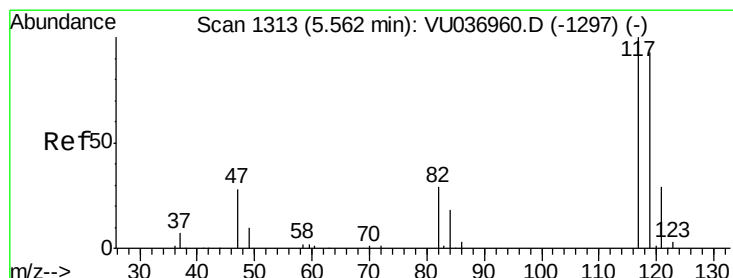
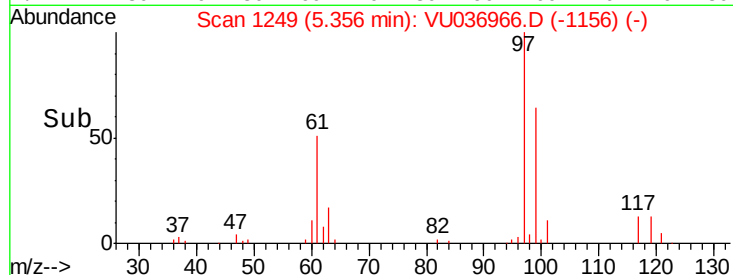
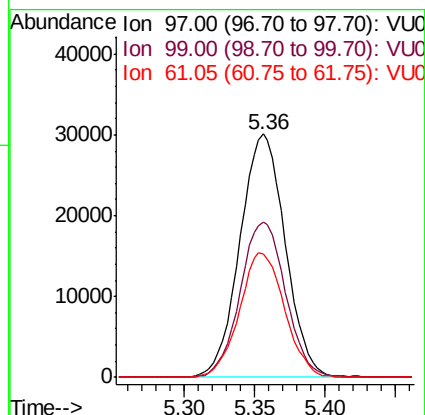
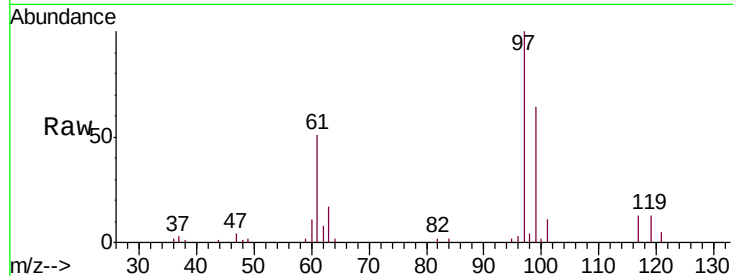




#30
 1,1,1-Trichloroethane
 Concen: 27.049 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU036966.D
 Acq: 28 Feb 2020 12:28

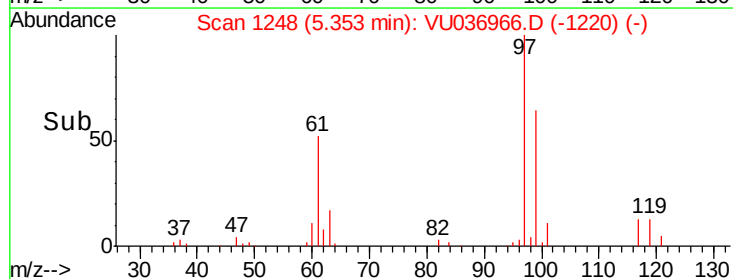
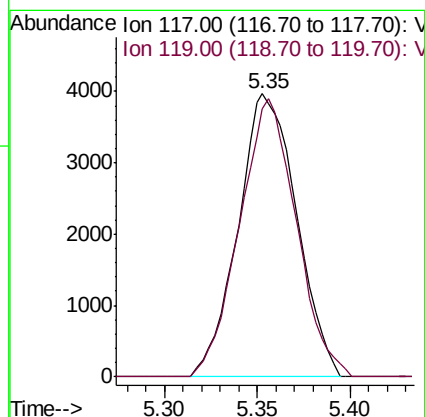
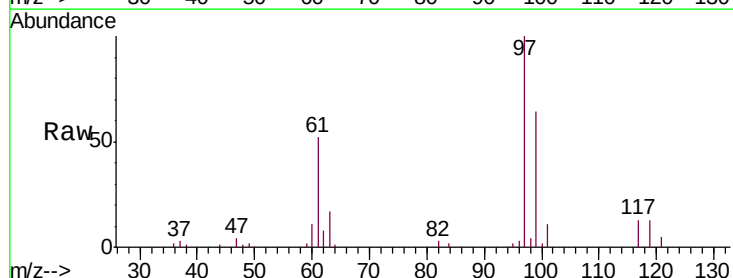
Instrument :
 MSVOA_U
 ClientSampled :
 C0AT4

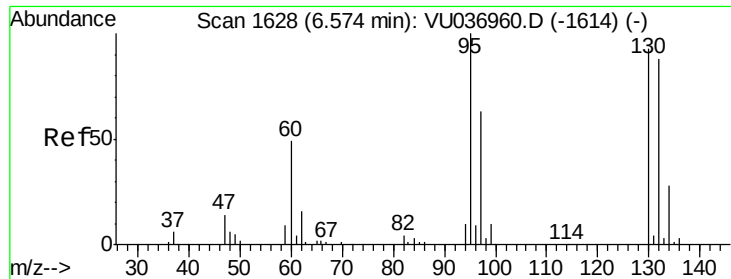
Tgt Ion: 97 Resp: 67624
 Ion Ratio Lower Upper
 97 100
 99 64.1 50.4 75.6
 61 51.0 40.3 60.5



#31
 Carbon tetrachloride
 Concen: 4.451 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.21 min
 Lab File: VU036966.D
 Acq: 28 Feb 2020 12:28

Tgt Ion: 117 Resp: 8722
 Ion Ratio Lower Upper
 117 100
 119 95.4 77.2 115.8





#34

Trichloroethene

Concen: 14.348 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036966.D

Acq: 28 Feb 2020 12:28

Instrument :

MSVOA_U

ClientSampleId :

C0AT4

Tgt Ion: 95 Resp: 25978

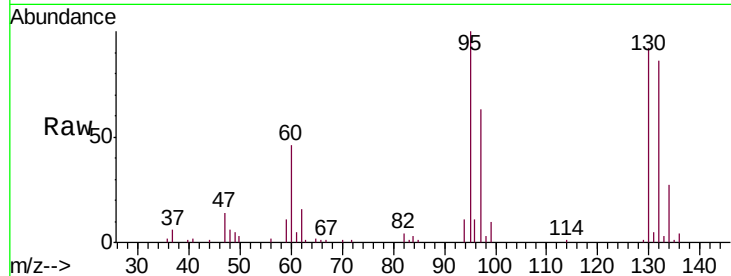
Ion Ratio Lower Upper

95 100

97 63.3 44.1 81.9

132 86.3 60.6 112.6

130 92.4 64.9 120.5

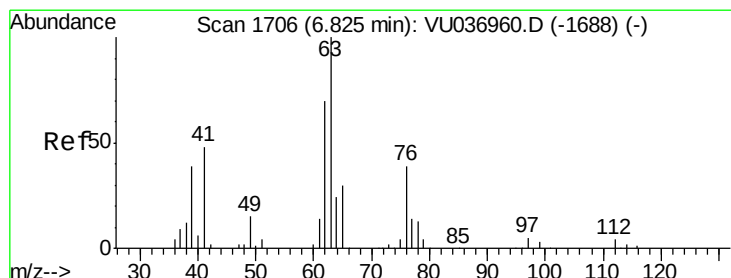
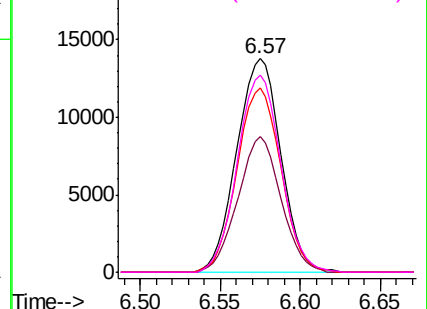
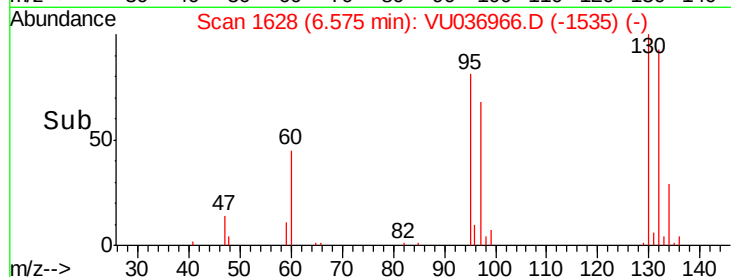


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 6.225 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036966.D

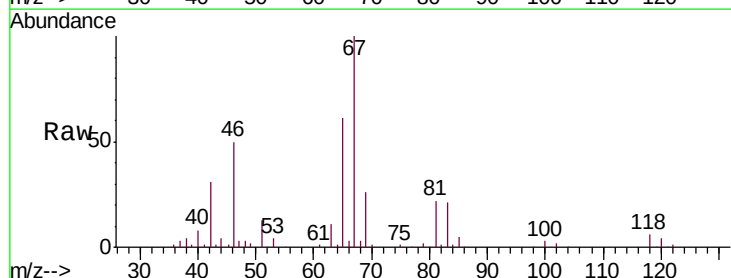
Acq: 28 Feb 2020 12:28

Tgt Ion: 63 Resp: 12347

Ion Ratio Lower Upper

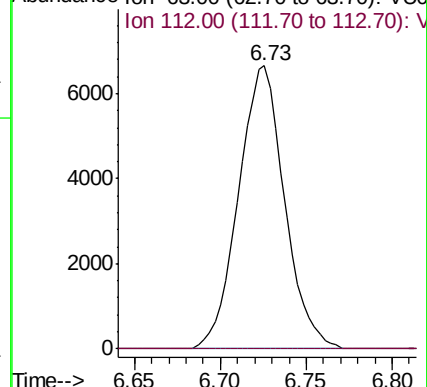
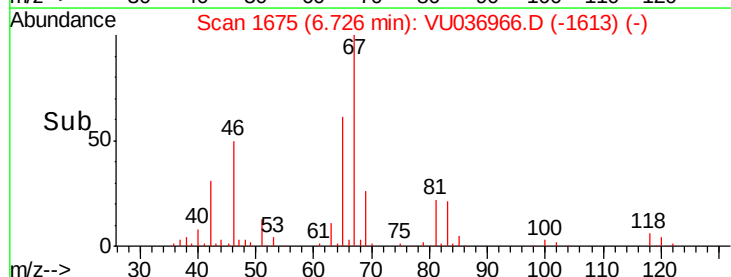
63 100

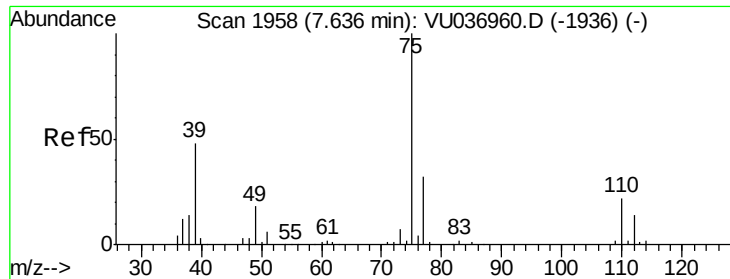
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

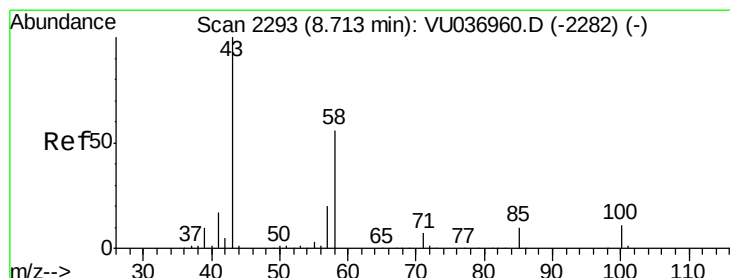
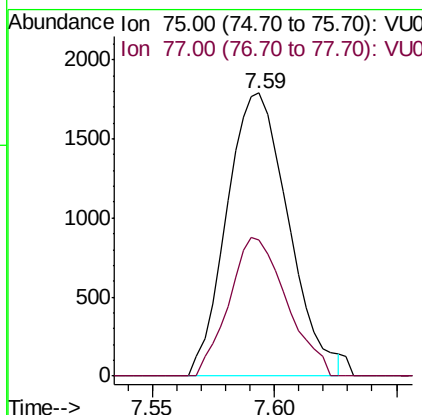
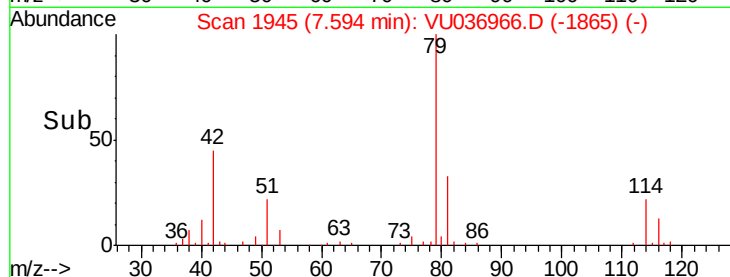
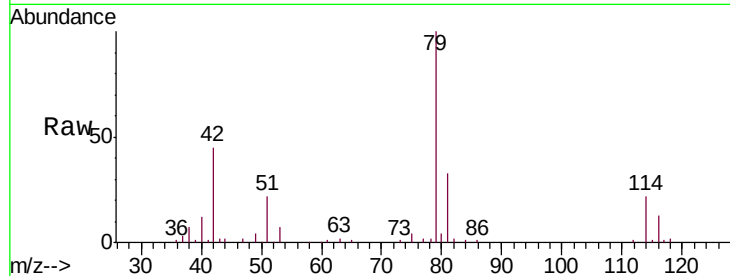




#39
 cis-1,3-Dichloropropene
 Concen: 1.028 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036966.D
 Acq: 28 Feb 2020 12:28

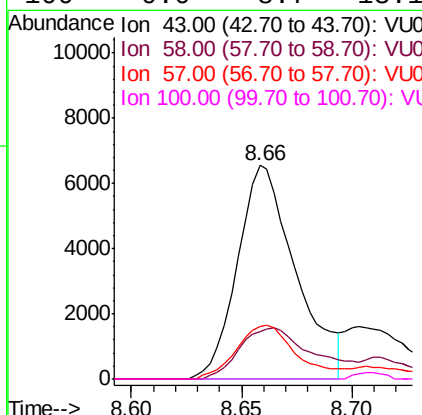
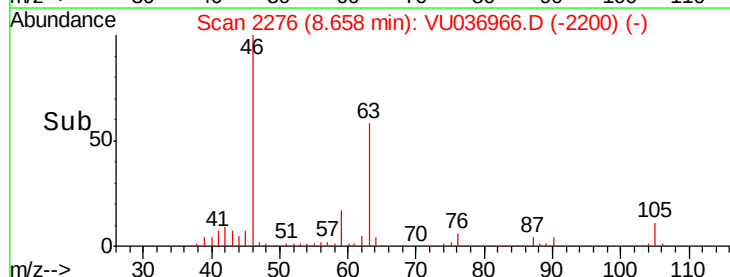
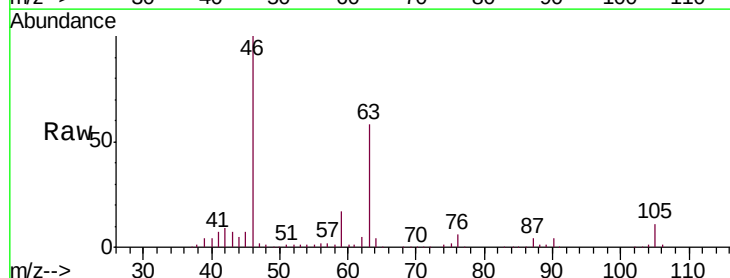
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT4

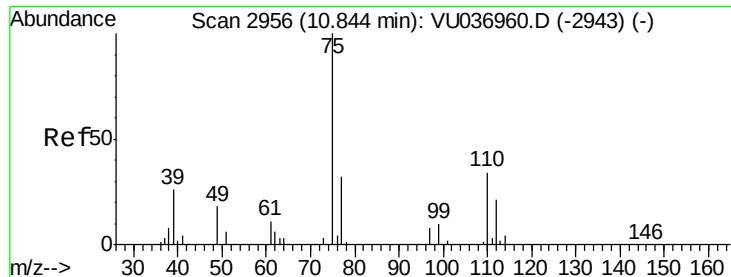
Tgt Ion: 75 Resp: 3142
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.0 41.0#



#48
 2-Hexanone
 Concen: 5.167 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU036966.D
 Acq: 28 Feb 2020 12:28

Tgt Ion: 43 Resp: 12052
 Ion Ratio Lower Upper
 43 100
 58 30.8 43.5 65.3#
 57 26.0 15.1 22.7#
 100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 4.994 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036966.D

Acq: 28 Feb 2020 12:28

Instrument :

MSVOA_U

ClientSampleId :

C0AT4

Tgt Ion: 75 Resp: 12744

Ion Ratio Lower Upper

75 100

77 36.5 26.2 39.2

