

Data File : VU035847.D
Acq On : 26 Nov 2019 10:33
Operator : JC/SP
Sample : VV1126WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK14

Quant Time: Nov 27 01:21:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	237387	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	275557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	103291	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	171033	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.93	69	156344	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.59	63	207034	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.70	46	413537	57.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.24%
24) Chloroform-d	5.11	84	265630	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.75	65	150831	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.77	84	512449	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.73	67	176233	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	407331	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.21	79	61398	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.68	63	301499	54.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.84%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	141966	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	122245	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

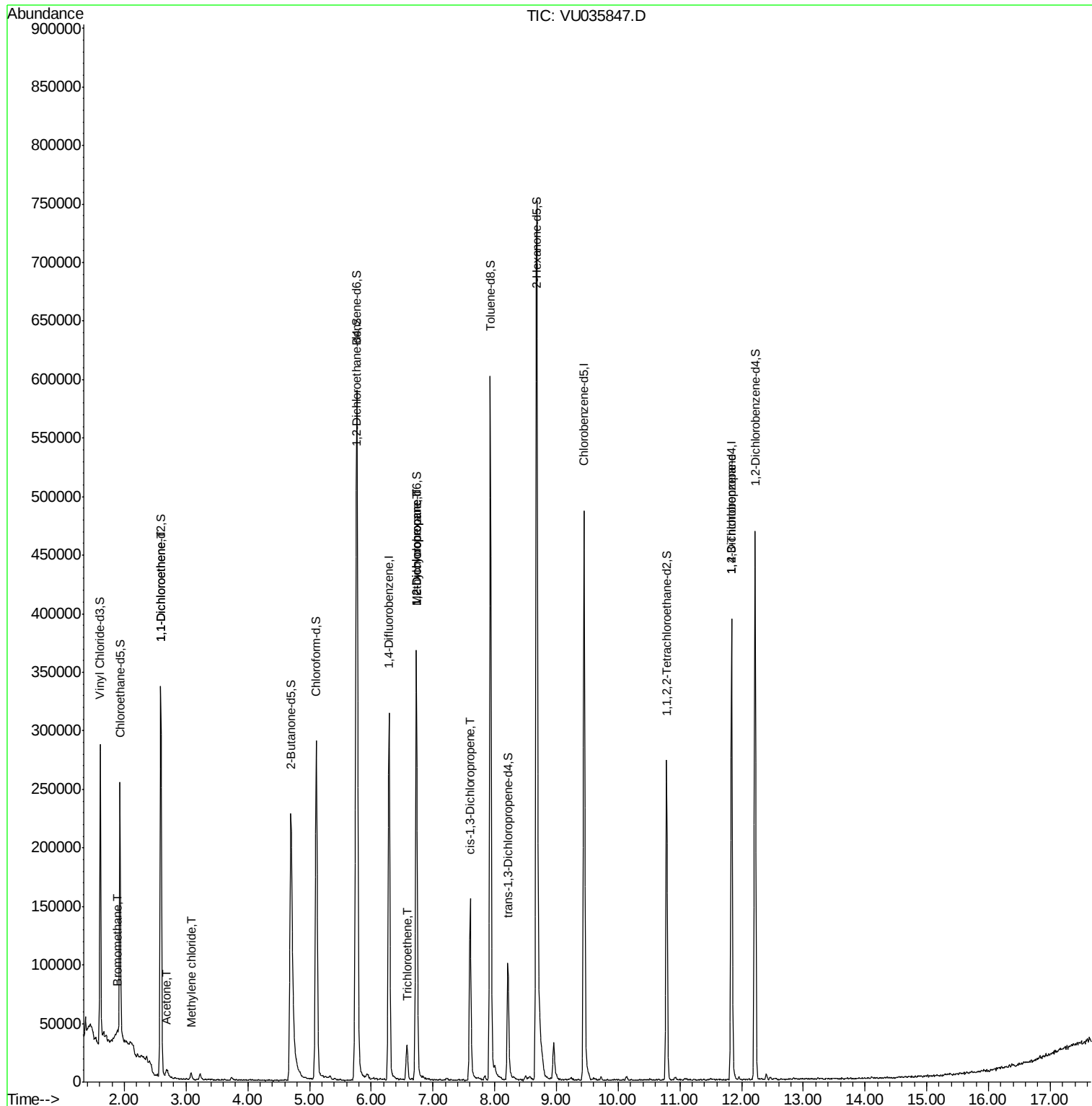
					Qvalue
6) Bromomethane	1.88	94	1907	0.094 ug/L	74
12) 1,1-Dichloroethene	2.59	96	1826	0.074 ug/L #	1
13) Acetone	2.69	43	10052	1.595 ug/L	96
16) Methylene chloride	3.08	84	2285	0.077 ug/L	89
34) Trichloroethene	6.58	95	9315	0.330 ug/L	91
35) Methylcyclohexane	6.73	83	39049	0.943 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	18830	0.577 ug/L #	91
39) cis-1,3-Dichloropropene	7.60	75	4232	0.100 ug/L #	24
59) 1,2,3-Trichloropropane	11.83	75	15036	0.709 ug/L #	88

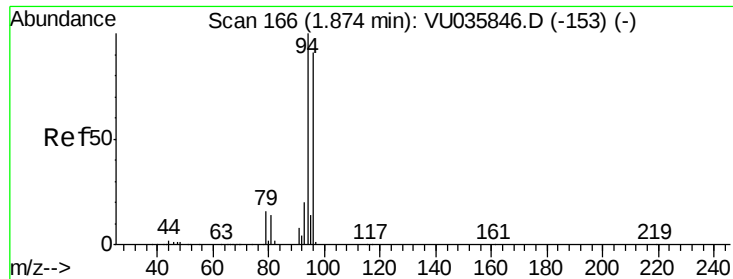
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.094 ug/L

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035847.D

Acq: 26 Nov 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

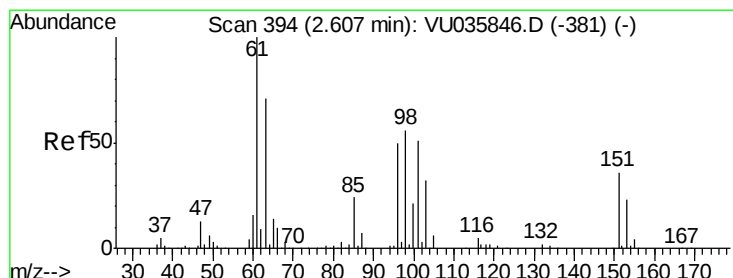
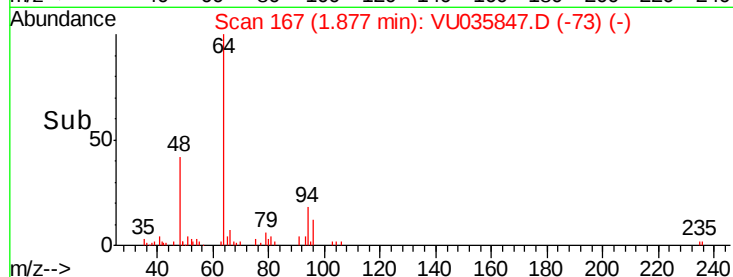
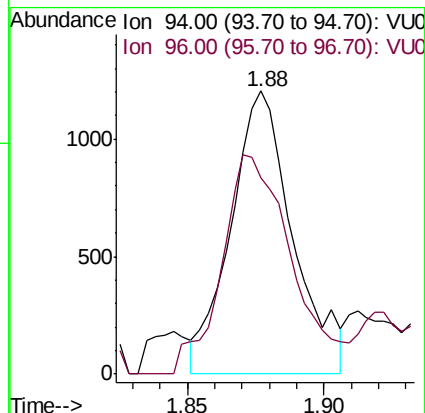
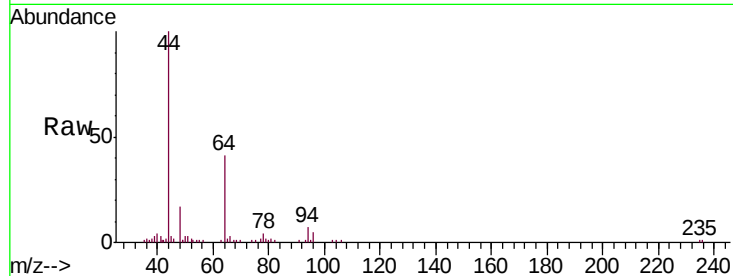
VBLK14

Tgt Ion: 94 Resp: 1907

Ion Ratio Lower Upper

94 100

96 69.3 66.5 123.5



#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU035847.D

Acq: 26 Nov 2019 10:33

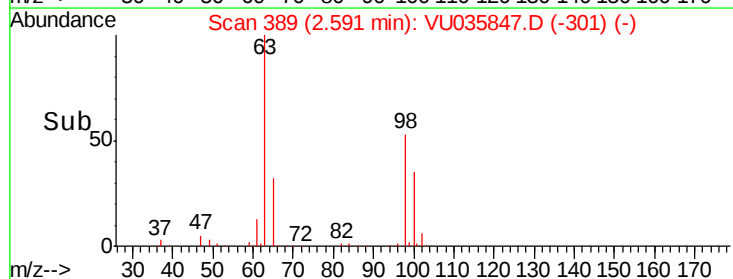
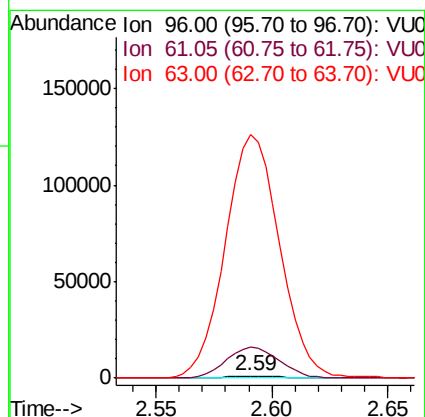
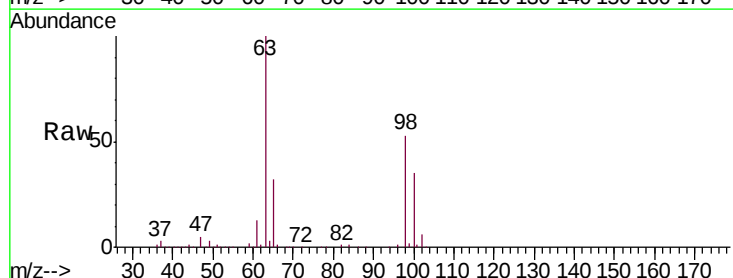
Tgt Ion: 96 Resp: 1826

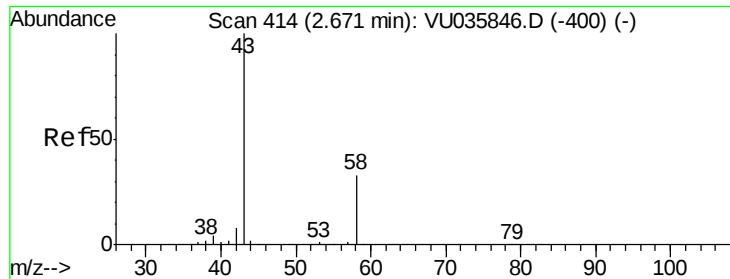
Ion Ratio Lower Upper

96 100

61 1559.7 139.3 258.7#

63 12202.7 93.7 174.1#





#13

Acetone

Concen: 1.595 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.02 min

Lab File: VU035847.D

Acq: 26 Nov 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

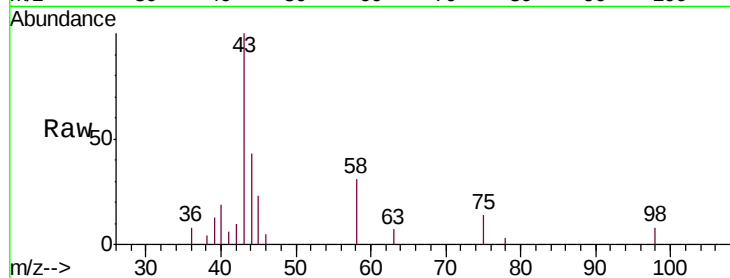
VBLK14

Tgt Ion: 43 Resp: 10052

Ion Ratio Lower Upper

43 100

58 28.6 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035846.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035846.D (-400) (-)

2.69

3000

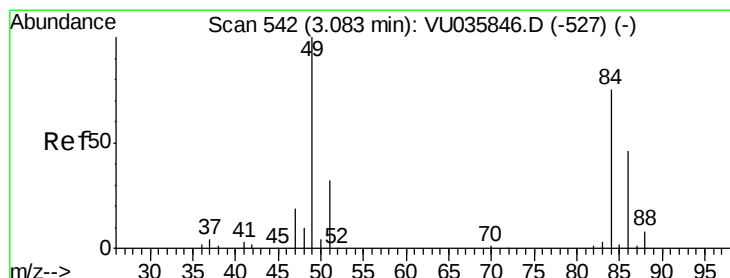
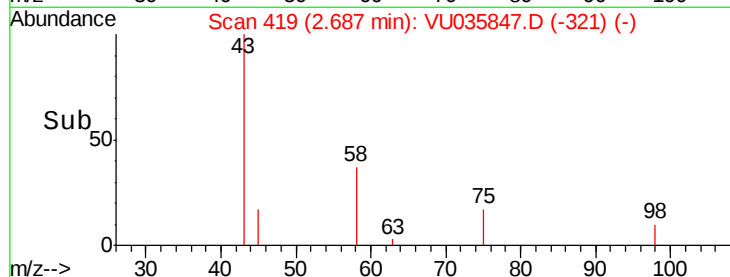
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.077 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035847.D

Acq: 26 Nov 2019 10:33

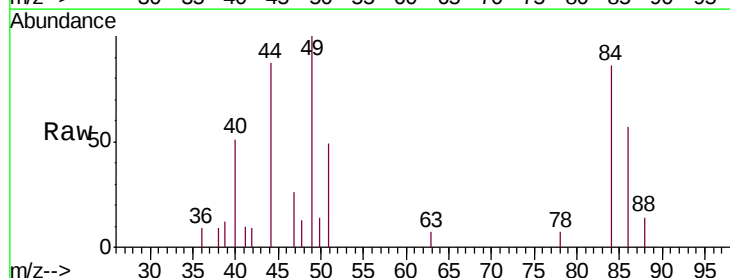
Tgt Ion: 84 Resp: 2285

Ion Ratio Lower Upper

84 100

86 66.1 44.4 82.5

49 116.9 94.0 174.6



Abundance Ion 84.05 (83.75 to 84.75): VU035846.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU035846.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU035846.D (-527) (-)

2000

1500

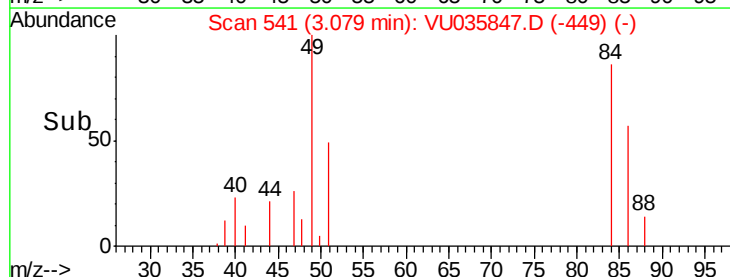
1000

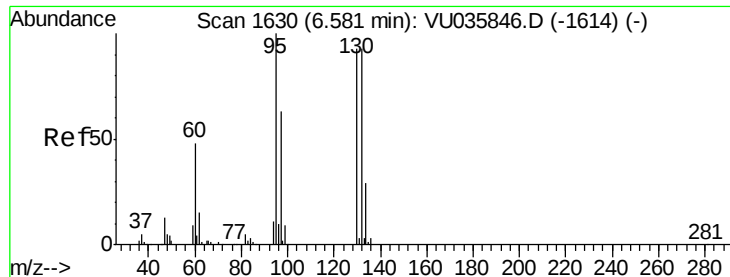
500

0

Time-->

3.05 3.10





#34

Trichloroethene

Concen: 0.330 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035847.D

Acq: 26 Nov 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

VBLK14

Tgt Ion: 95 Resp: 9315

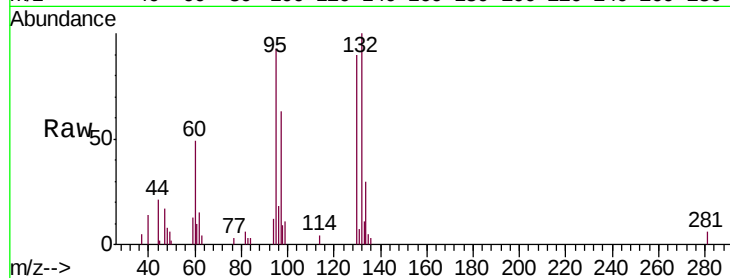
Ion Ratio Lower Upper

95 100

97 68.2 45.1 83.9

132 107.5 61.9 114.9

130 96.9 66.3 123.1

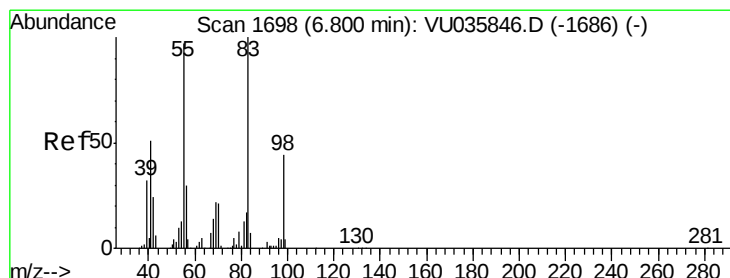
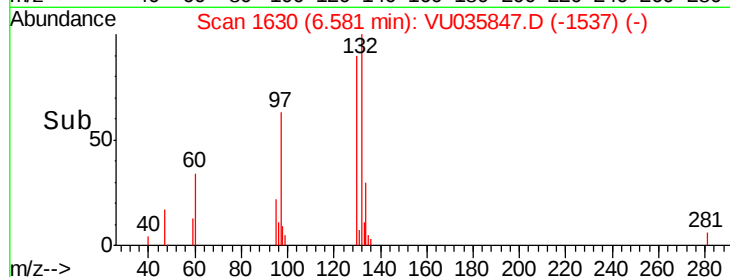
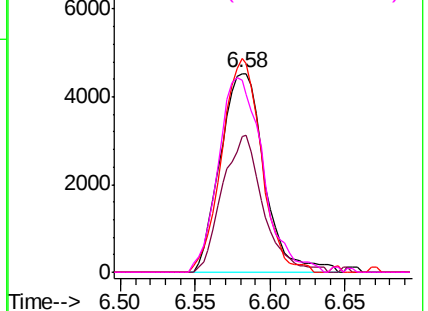


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.943 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU035847.D

Acq: 26 Nov 2019 10:33

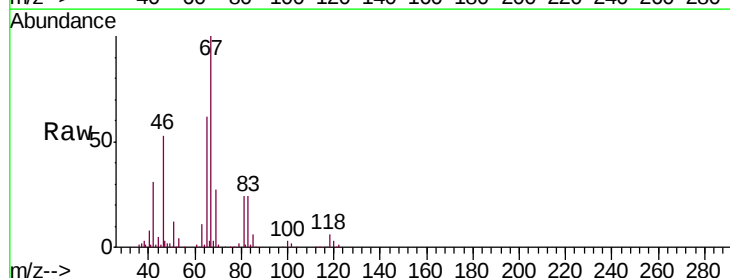
Tgt Ion: 83 Resp: 39049

Ion Ratio Lower Upper

83 100

55 0.7 72.7 109.1#

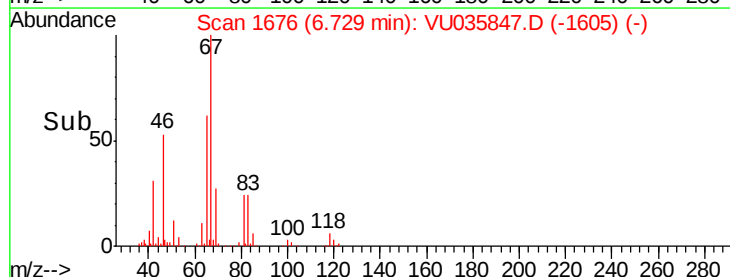
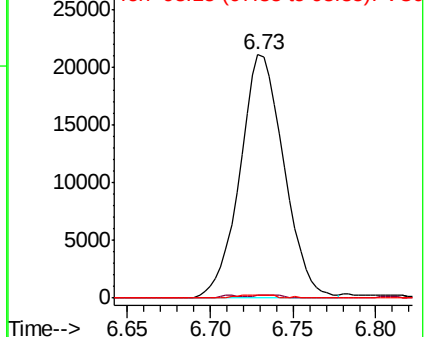
98 1.2 36.2 54.4#

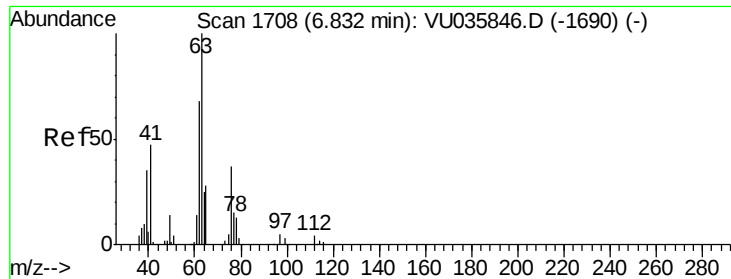


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

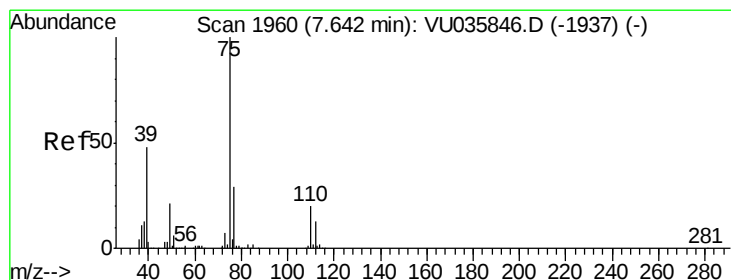
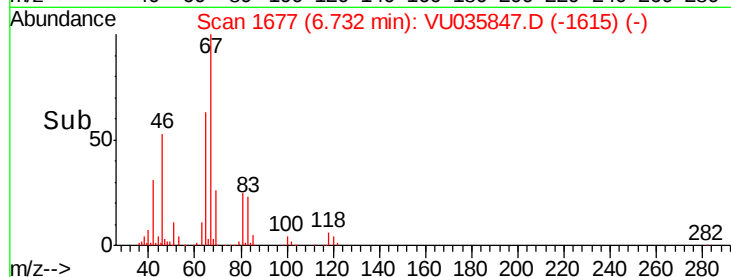
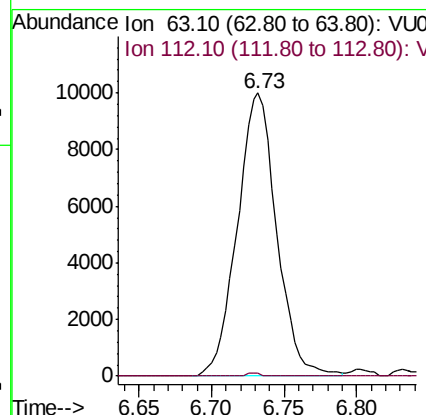
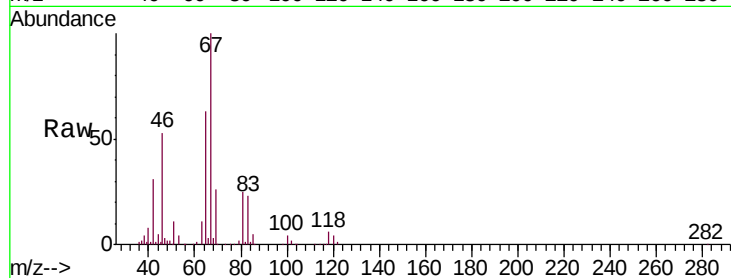




#37
 1,2-Dichloropropane
 Concen: 0.577 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035847.D
 Acq: 26 Nov 2019 10:33

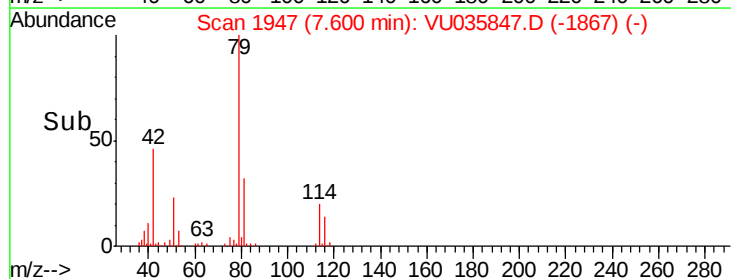
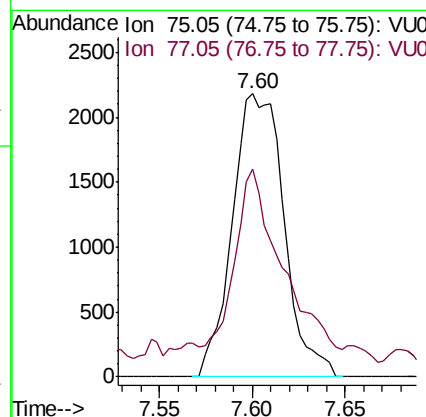
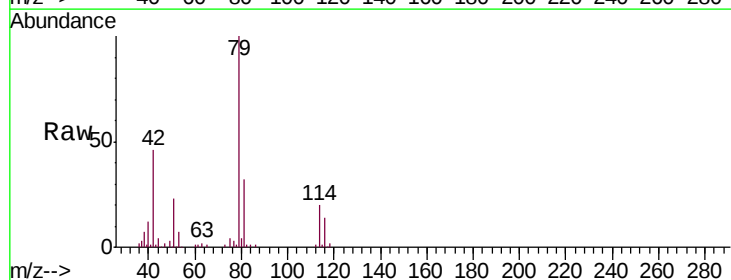
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK14

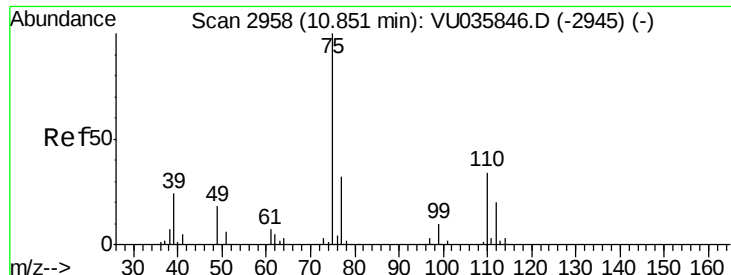
Tgt Ion: 63 Resp: 18830
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU035847.D
 Acq: 26 Nov 2019 10:33

Tgt Ion: 75 Resp: 4232
 Ion Ratio Lower Upper
 75 100
 77 73.6 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 0.709 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU035847.D

Acq: 26 Nov 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

VBLK14

Tgt Ion: 75 Resp: 15036

Ion Ratio Lower Upper

75 100

77 38.3 25.4 38.2#

