

Data File : VU032121.D
Acq On : 17 May 2019 23:37
Operator : JC/SP
Sample : K2889-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN2

Quant Time: May 18 05:39:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	355006	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	380049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154523	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113851	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.67	69	104050	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.26	63	163842	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.19	46	252025	42.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.86%
24) Chloroform-d	4.64	84	223366	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.30	65	116608	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.33	84	444745	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
36) 1,2-Dichloropropane-d6	6.32	67	132301	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.56	98	369566	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	7.85	79	46221	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.31	63	222115	40.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121015	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	150213	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

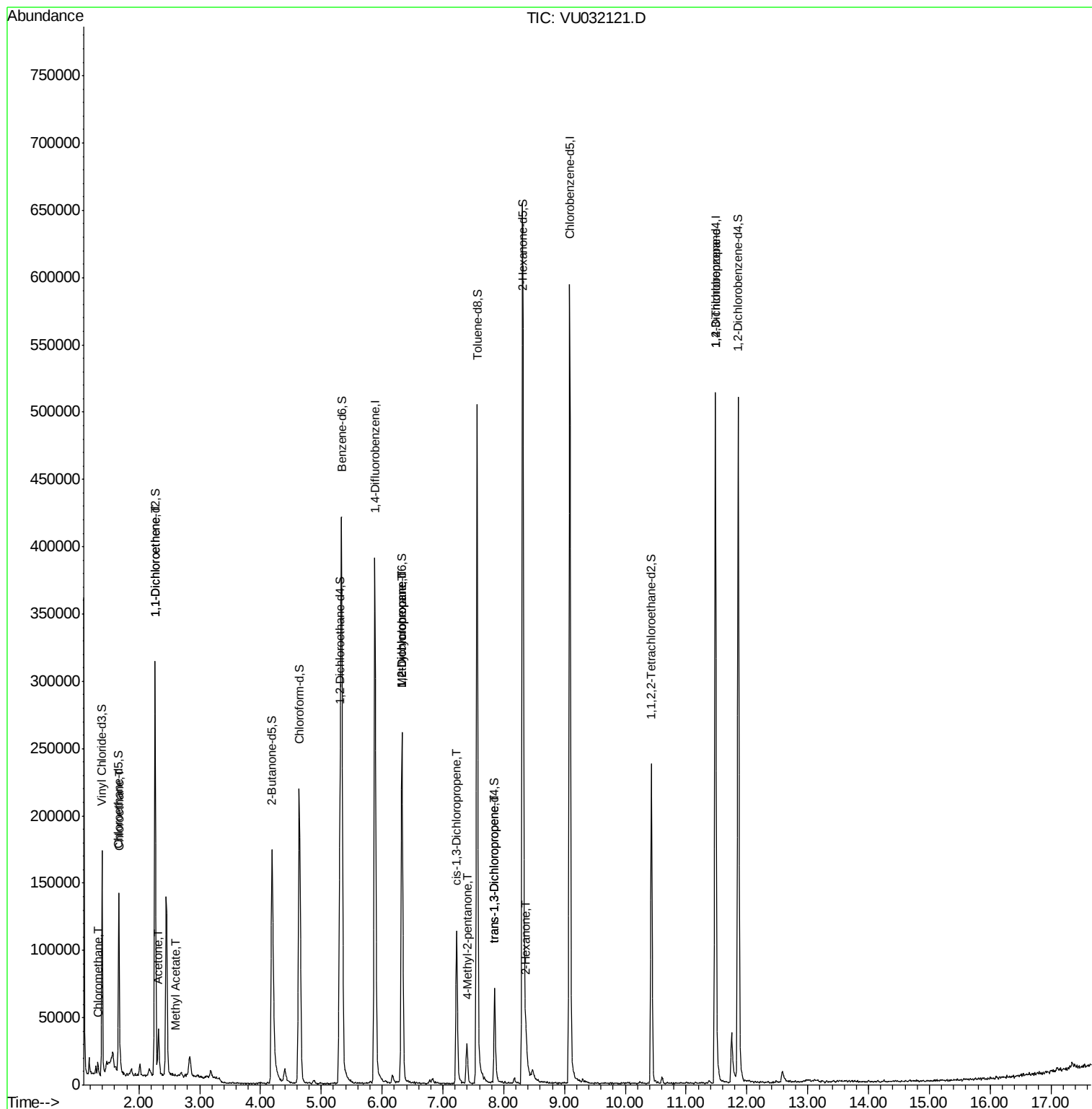
					Qvalue
3) Chloromethane	1.32	50	5520	0.324 ug/L	97
8) Chloroethane	1.68	64	1483	0.133 ug/L #	57
12) 1,1-Dichloroethene	2.27	96	1756	0.123 ug/L #	1
13) Acetone	2.32	43	29067	15.081 ug/L	99
15) Methyl Acetate	2.62	43	1386	0.251 ug/L #	63
35) Methylcyclohexane	6.32	83	33189	1.456 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	14119	0.990 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2989	0.151 ug/L #	45
40) 4-Methyl-2-pentanone	7.40	43	10905	1.649 ug/L #	38
44) trans-1,3-Dichloropropene	7.85	75	1846	0.120 ug/L #	62
48) 2-Hexanone	8.37	43	11254	2.194 ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	16005	1.766 ug/L	90

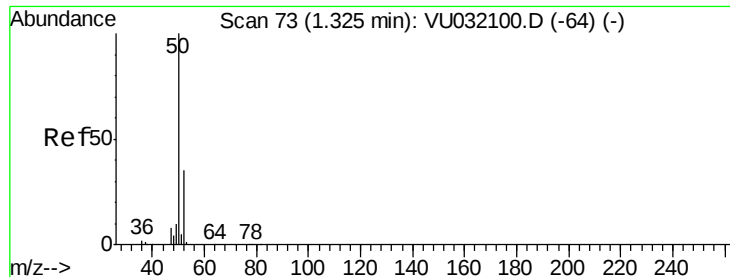
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.324 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032121.D

Acq: 17 May 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

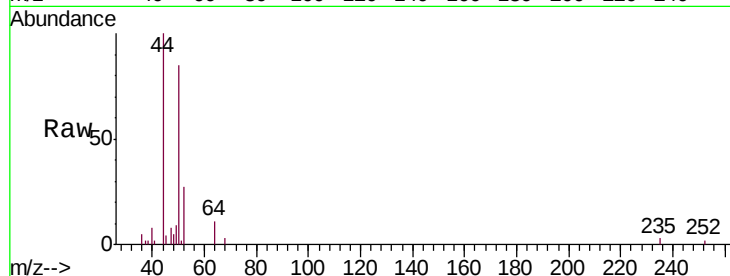
C0BN2

Tgt Ion: 50 Resp: 5520

Ion Ratio Lower Upper

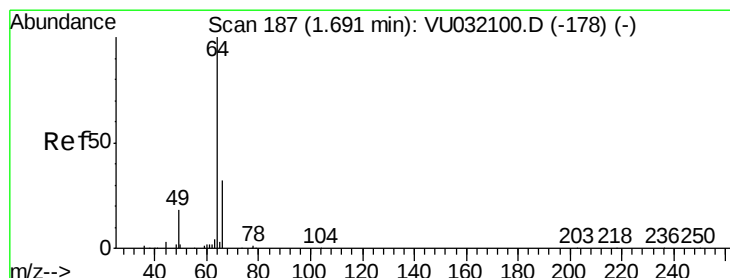
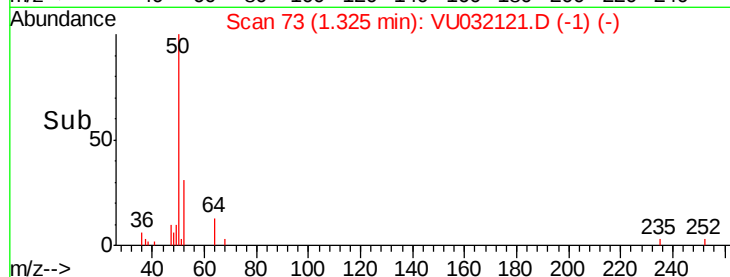
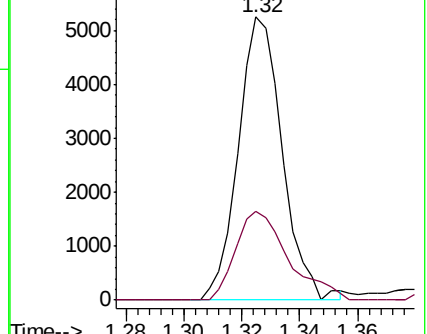
50 100

52 31.3 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032100.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU032100.D (-64) (-)



#8

Chloroethane

Concen: 0.133 ug/L

RT: 1.68 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU032121.D

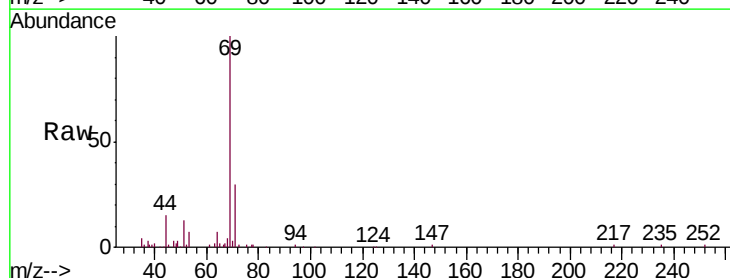
Acq: 17 May 2019 23:37

Tgt Ion: 64 Resp: 1483

Ion Ratio Lower Upper

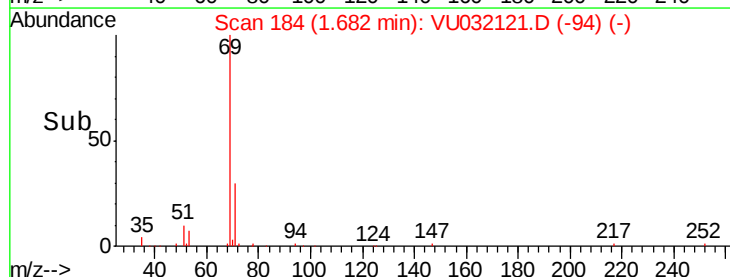
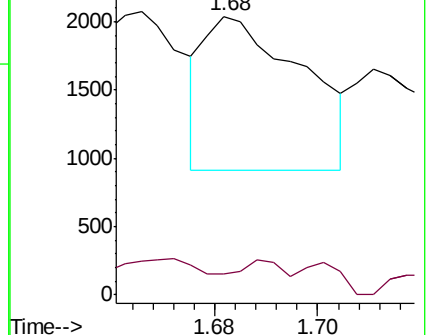
64 100

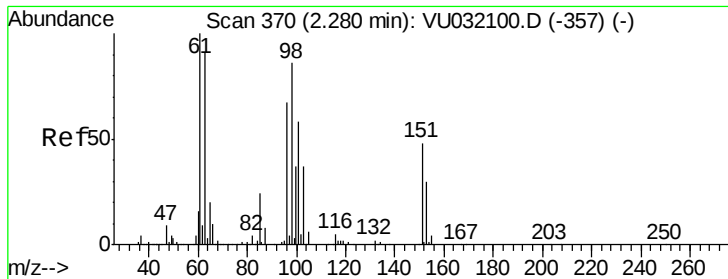
66 7.6 22.0 41.0#



Abundance Ion 64.10 (63.80 to 64.80): VU032100.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU032100.D (-178) (-)





#12

1,1-Dichloroethene

Concen: 0.123 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032121.D

Acq: 17 May 2019 23:37

Instrument :

MSVOA_U

ClientSampled :

C0BN2

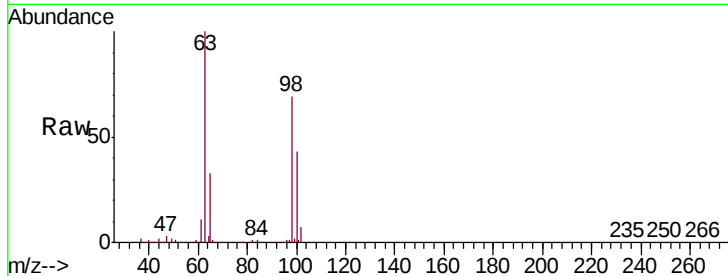
Tgt Ion: 96 Resp: 1756

Ion Ratio Lower Upper

96 100

61 1038.7 111.7 207.5#

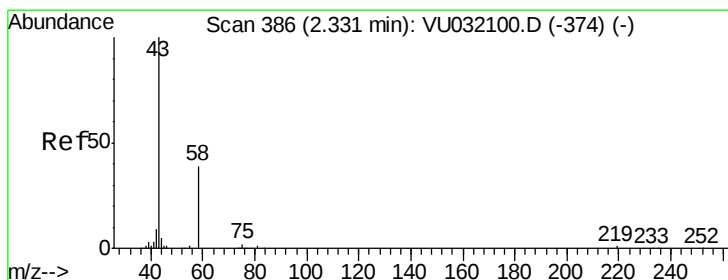
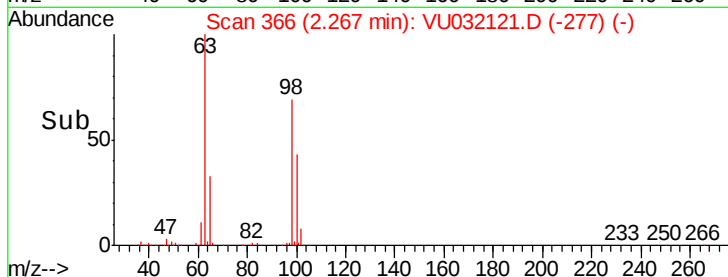
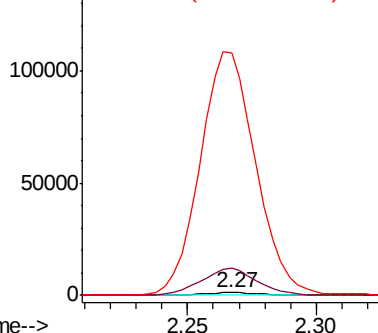
63 9305.4 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU032121.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032121.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032121.D (-277) (-)



#13

Acetone

Concen: 15.081 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU032121.D

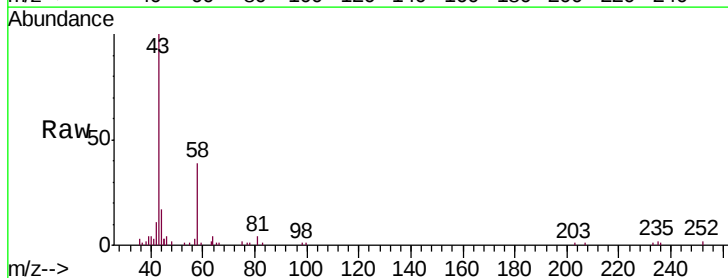
Acq: 17 May 2019 23:37

Tgt Ion: 43 Resp: 29067

Ion Ratio Lower Upper

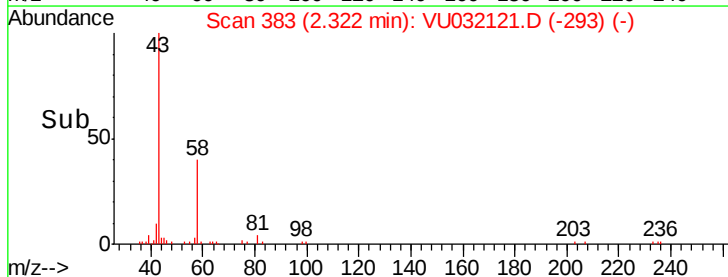
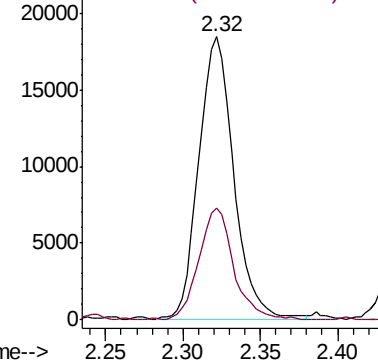
43 100

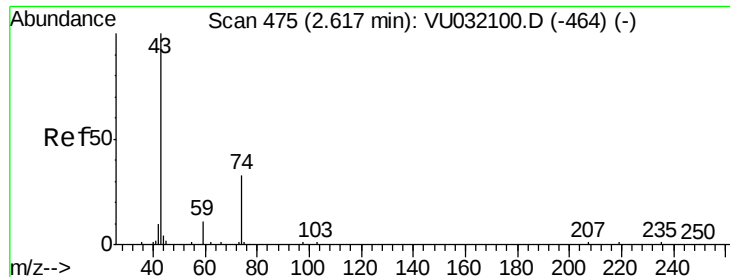
58 39.1 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032121.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU032121.D (-293) (-)





#15

Methyl Acetate

Concen: 0.251 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU032121.D

Acq: 17 May 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

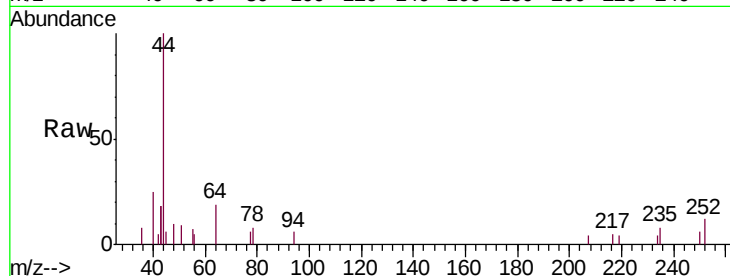
C0BN2

Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

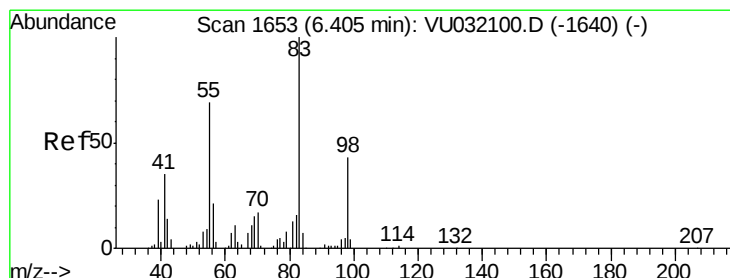
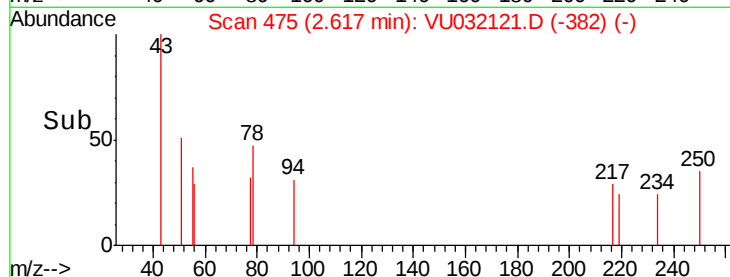
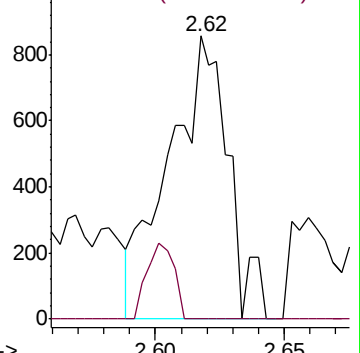
43 100

74 12.0 26.4 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032100.D

Ion 74.05 (73.75 to 74.75): VU032100.D



#35

Methylcyclohexane

Concen: 1.456 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032121.D

Acq: 17 May 2019 23:37

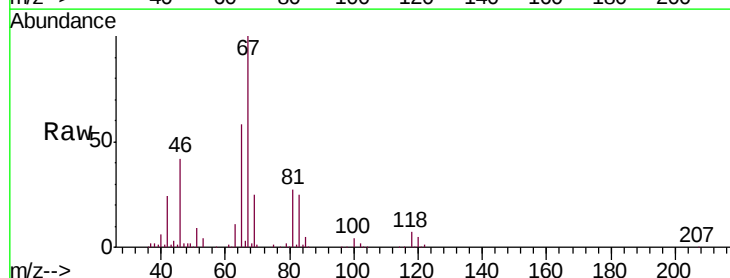
Tgt Ion: 83 Resp: 33189

Ion Ratio Lower Upper

83 100

55 0.1 59.7 89.5#

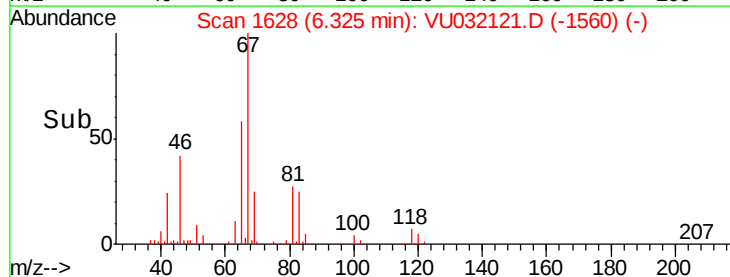
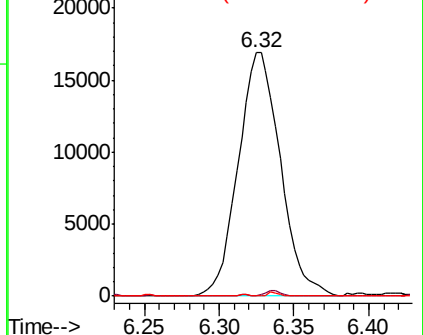
98 0.1 36.8 55.2#

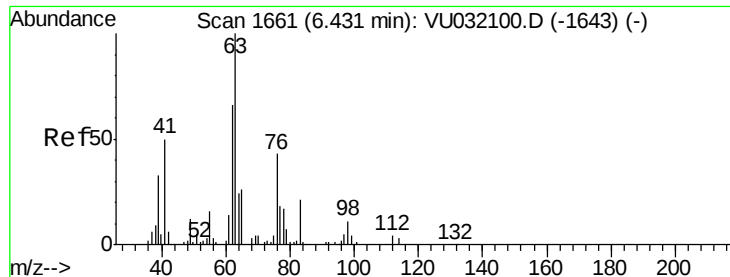


Abundance Ion 83.15 (82.85 to 83.85): VU032100.D

Ion 55.10 (54.80 to 55.80): VU032100.D

Ion 98.15 (97.85 to 98.85): VU032100.D





#37

1,2-Dichloropropane

Concen: 0.990 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU032121.D

Acq: 17 May 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

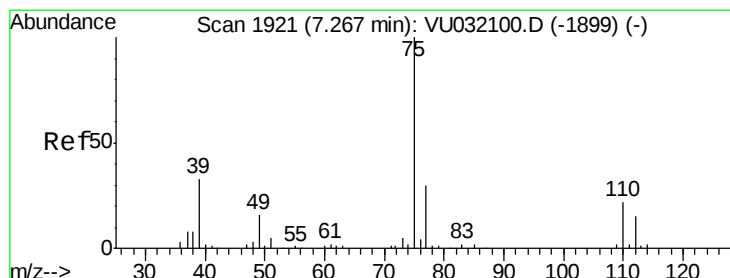
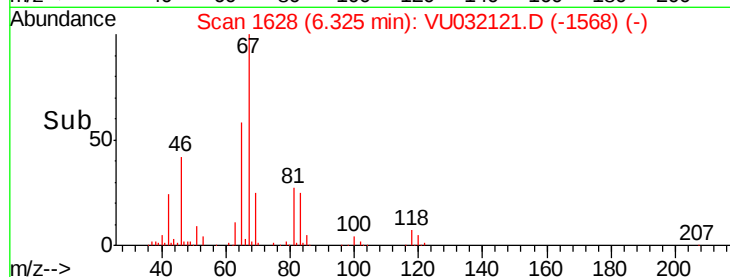
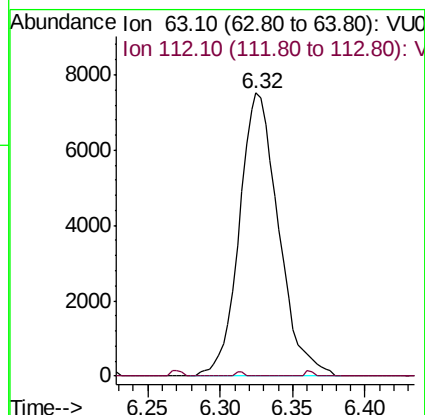
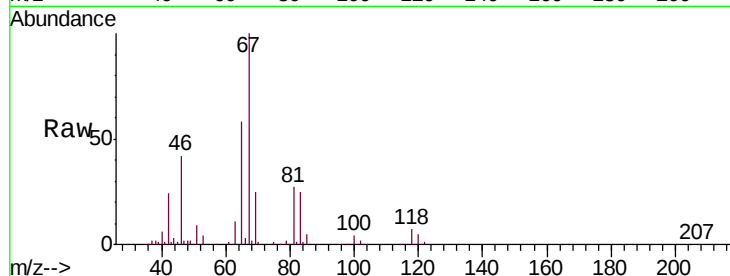
C0BN2

Tgt Ion: 63 Resp: 14119

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.151 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU032121.D

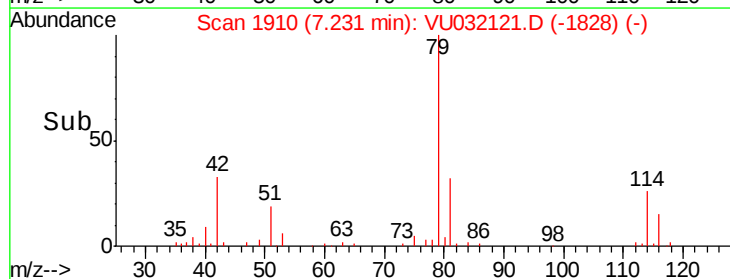
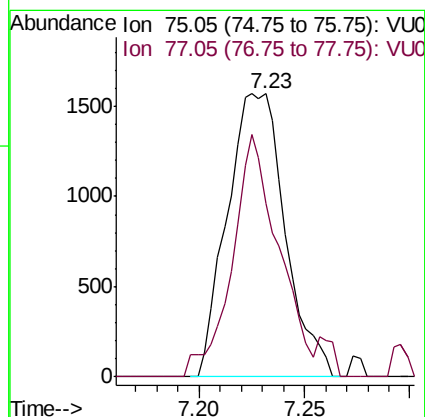
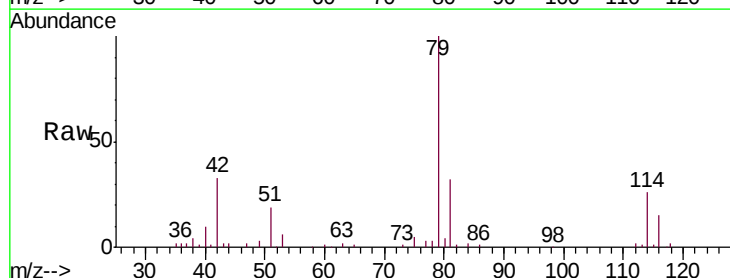
Acq: 17 May 2019 23:37

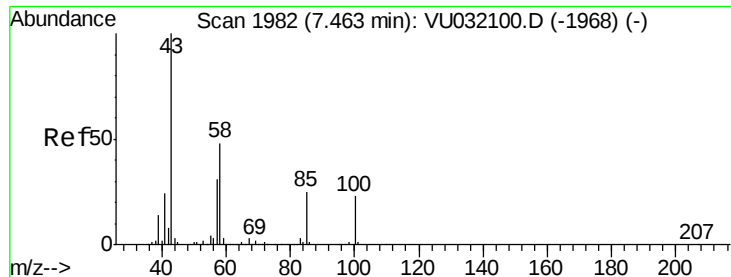
Tgt Ion: 75 Resp: 2989

Ion Ratio Lower Upper

75 100

77 61.2 21.7 40.3#

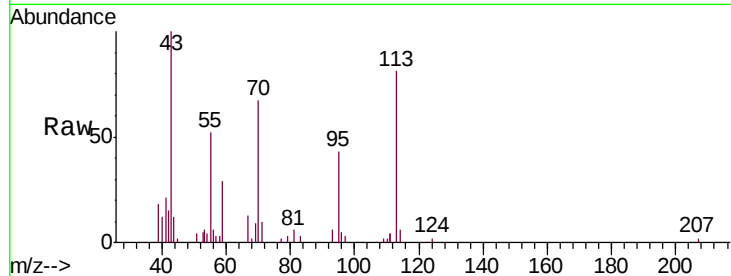




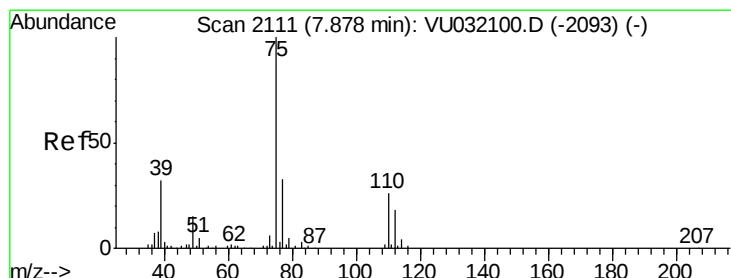
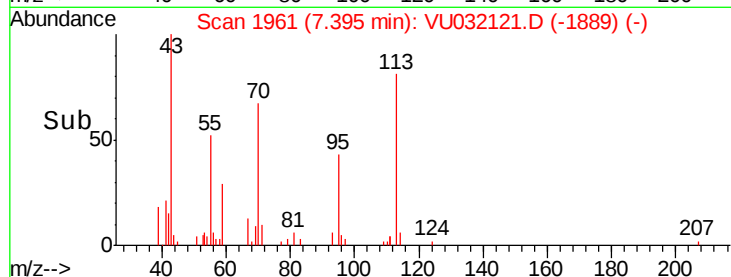
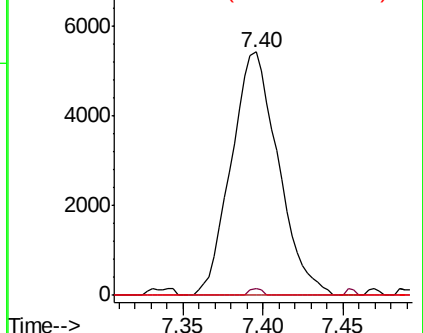
#40
 4-Methyl-2-pentanone
 Concen: 1.649 ug/L
 RT: 7.40 min Scan# 1961
 Delta R.T. -0.07 min
 Lab File: VU032121.D
 Acq: 17 May 2019 23:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN2

Tgt Ion: 43 Resp: 10905
 Ion Ratio Lower Upper
 43 100
 58 0.0 37.3 55.9#
 100 0.0 15.5 23.3#

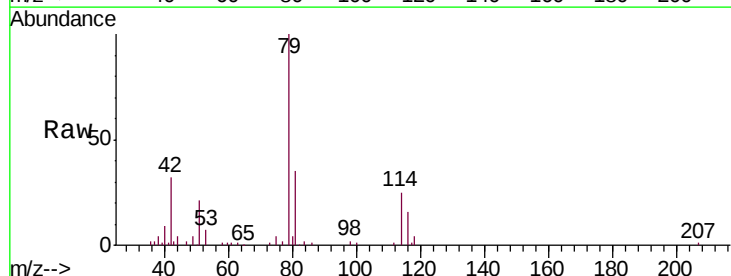


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 100.15 (99.85 to 100.85): VU0

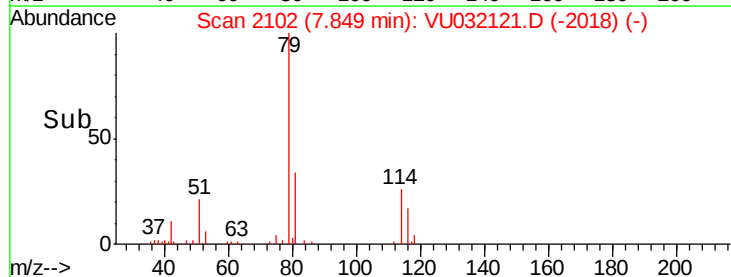
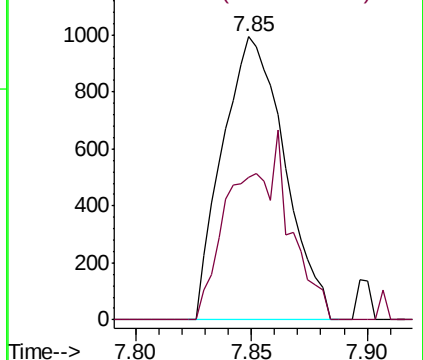


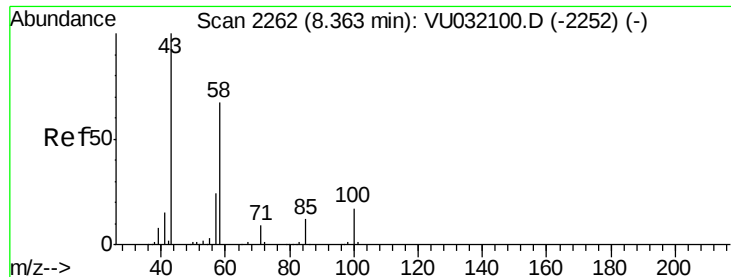
#44
 trans-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032121.D
 Acq: 17 May 2019 23:37

Tgt Ion: 75 Resp: 1846
 Ion Ratio Lower Upper
 75 100
 77 50.6 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

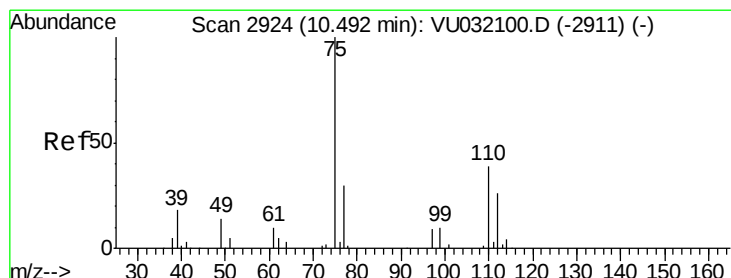
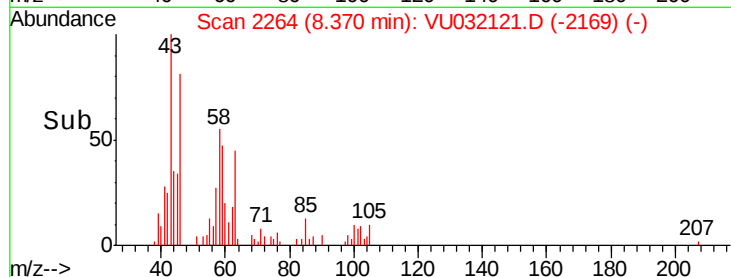
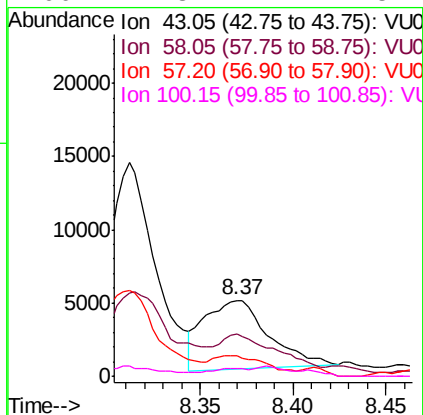
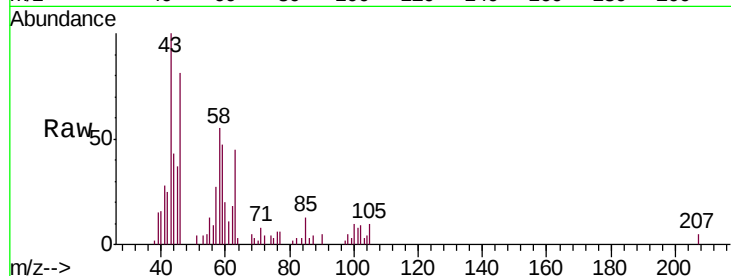




#48
 2-Hexanone
 Concen: 2.194 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032121.D
 Acq: 17 May 2019 23:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN2

Tgt Ion: 43 Resp: 11254
 Ion Ratio Lower Upper
 43 100
 58 53.2 51.6 77.4
 57 26.8 18.4 27.6
 100 7.3 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.766 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032121.D
 Acq: 17 May 2019 23:37

Tgt Ion: 75 Resp: 16005
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.2 39.2

