

Data File : VU032120.D
Acq On : 17 May 2019 23:12
Operator : JC/SP
Sample : K2889-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN1

Quant Time: May 18 05:39:08 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	365945	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	382721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114423	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.67	69	104802	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.27	63	162400	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.19	46	261689	43.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.48%
24) Chloroform-d	4.64	84	227967	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.31	65	115155	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.33	84	451701	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.32	67	134484	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.80%
41) Toluene-d8	7.56	98	377983	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	7.85	79	45321	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.31	63	218709	39.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120207	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	153250	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

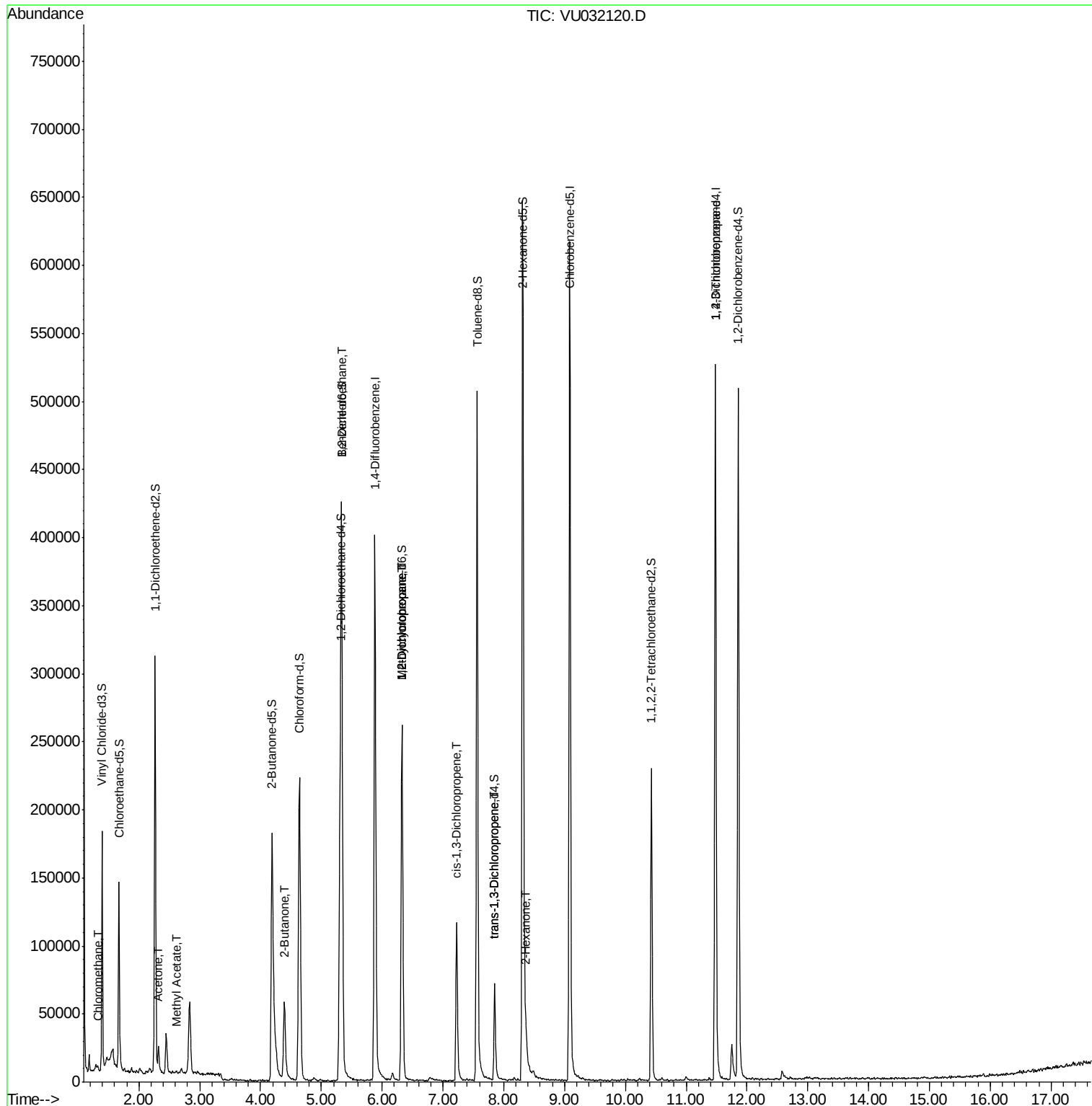
					Qvalue
3) Chloromethane	1.32	50	2347	0.134 ug/L	84
13) Acetone	2.32	43	14245	7.170 ug/L	87
15) Methyl Acetate	2.63	43	1107	0.194 ug/L	100
21) 2-Butanone	4.40	43	73445	25.755 ug/L #	41
27) 1,2-Dichloroethane	5.33	62	2307	0.150 ug/L #	73
35) Methylcyclohexane	6.32	83	33584	1.463 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	13808	0.961 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3227	0.162 ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	2148	0.139 ug/L	99
48) 2-Hexanone	8.37	43	10714	2.074 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	15928	1.745 ug/L	92

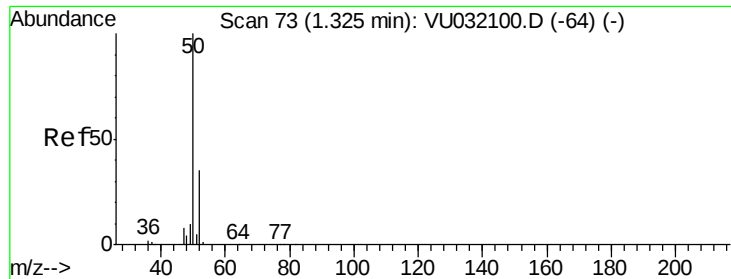
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.134 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032120.D

Acq: 17 May 2019 23:12

Instrument :

MSVOA_U

ClientSampleId :

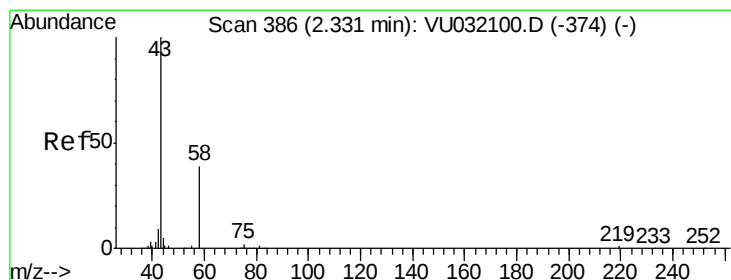
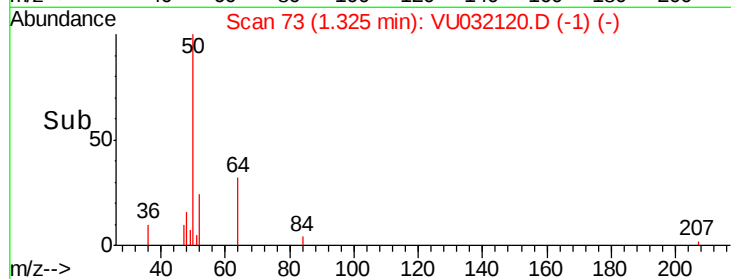
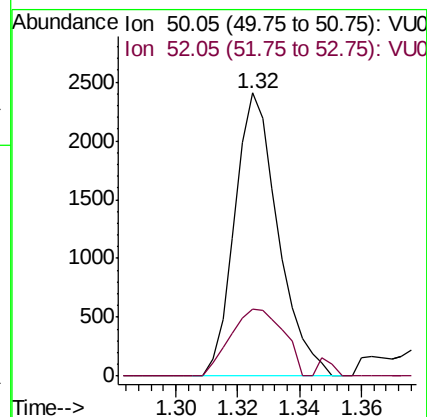
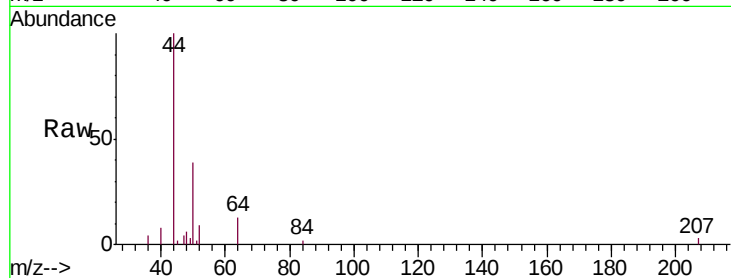
C0BN1

Tgt Ion: 50 Resp: 2347

Ion Ratio Lower Upper

50 100

52 23.8 23.2 43.0



#13

Acetone

Concen: 7.170 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU032120.D

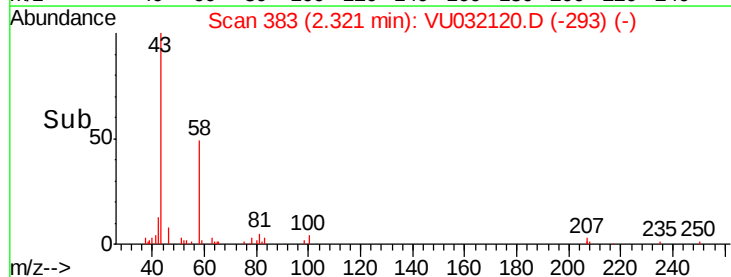
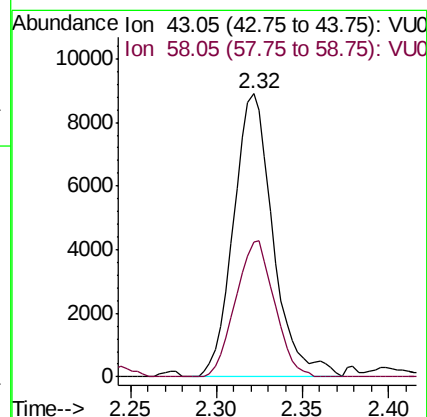
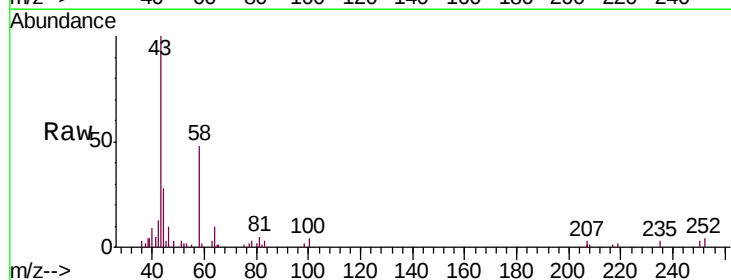
Acq: 17 May 2019 23:12

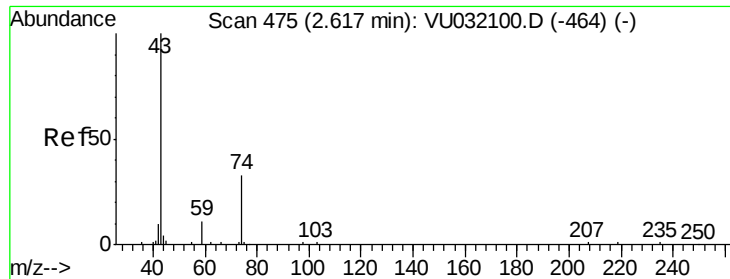
Tgt Ion: 43 Resp: 14245

Ion Ratio Lower Upper

43 100

58 47.1 0.0 78.8

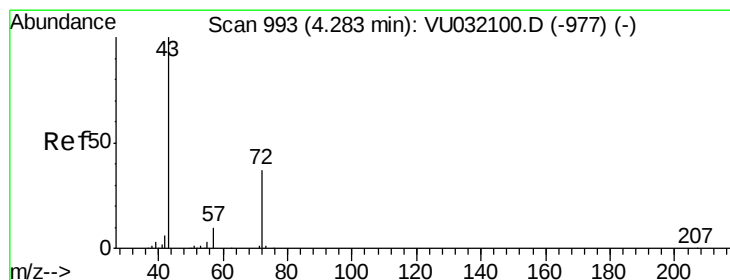
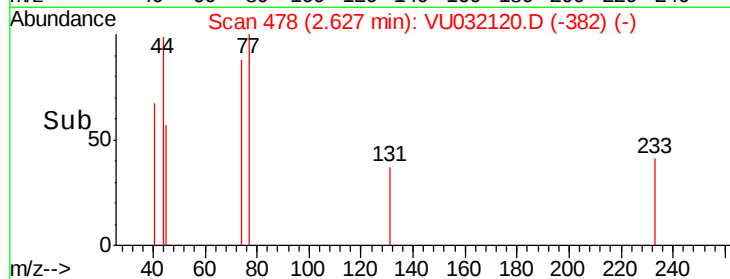
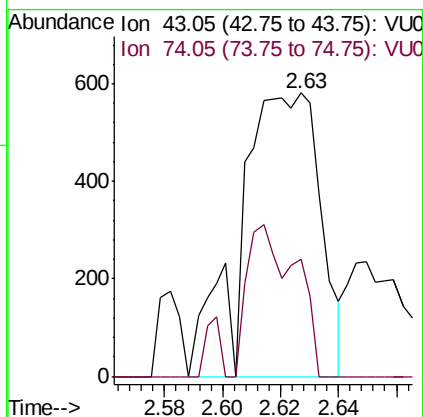
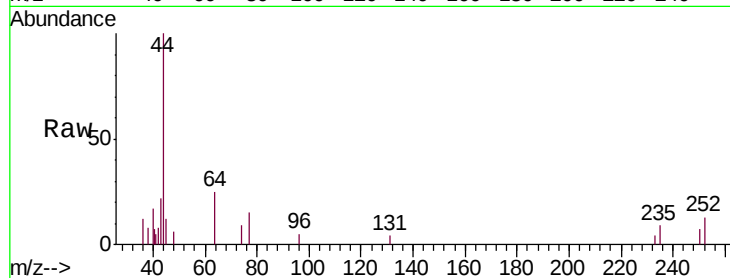




#15
Methyl Acetate
Concen: 0.194 ug/L
RT: 2.63 min Scan# 478
Delta R.T. 0.01 min
Lab File: VU032120.D
Acq: 17 May 2019 23:12

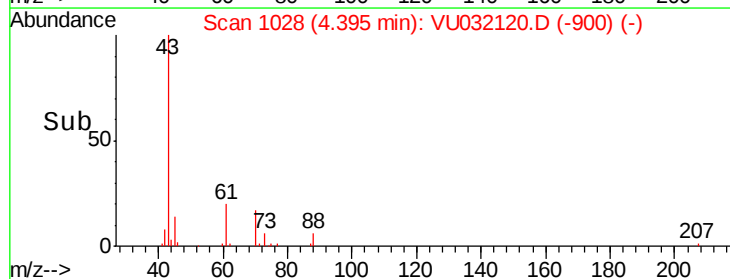
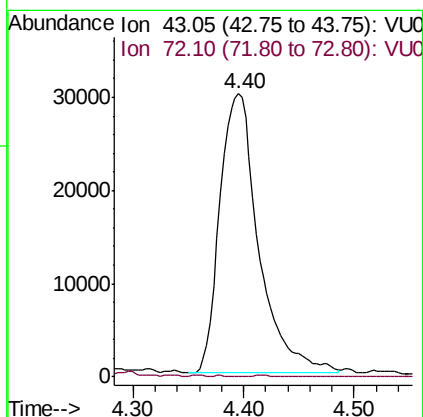
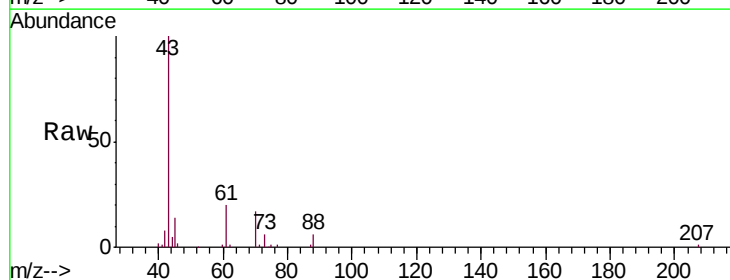
Instrument :
MSVOA_U
ClientSampleId :
C0BN1

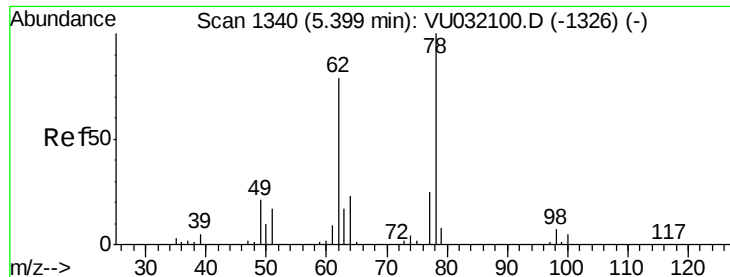
Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
74 32.8 26.4 39.6



#21
2-Butanone
Concen: 25.755 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. 0.11 min
Lab File: VU032120.D
Acq: 17 May 2019 23:12

Tgt Ion: 43 Resp: 73445
Ion Ratio Lower Upper
43 100
72 0.1 16.8 50.3#





#27

1,2-Dichloroethane

Concen: 0.150 ug/L

RT: 5.33 min Scan# 1318

Delta R.T. -0.07 min

Lab File: VU032120.D

Acq: 17 May 2019 23:12

Instrument :

MSVOA_U

ClientSampled :

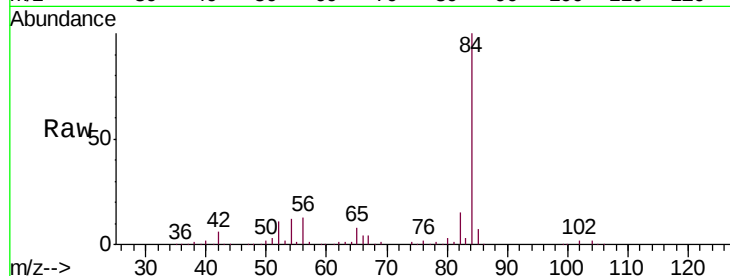
C0BN1

Tgt Ion: 62 Resp: 2307

Ion Ratio Lower Upper

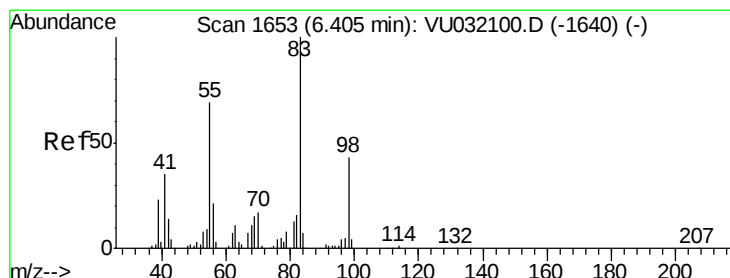
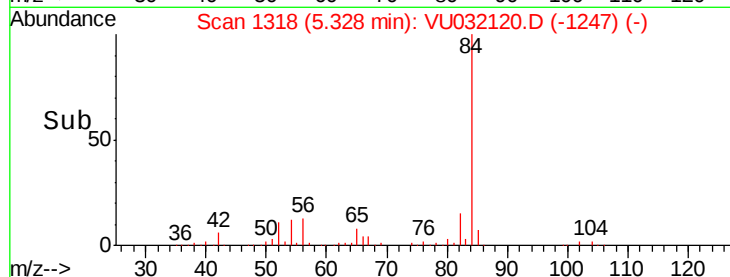
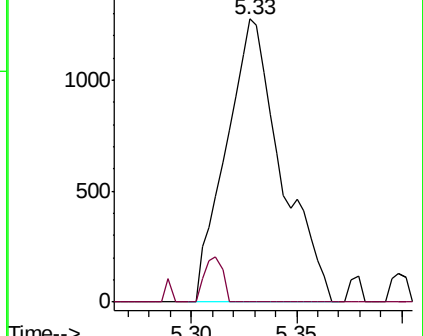
62 100

98 0.0 8.0 12.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#35

Methylcyclohexane

Concen: 1.463 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032120.D

Acq: 17 May 2019 23:12

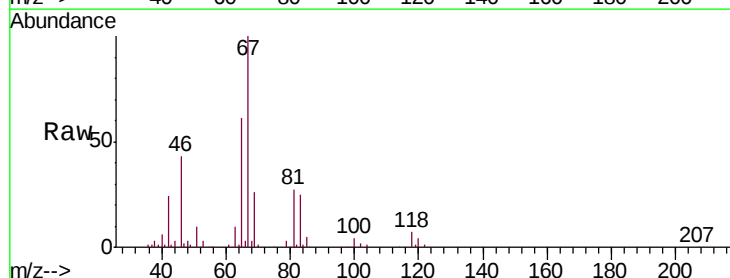
Tgt Ion: 83 Resp: 33584

Ion Ratio Lower Upper

83 100

55 0.8 59.7 89.5#

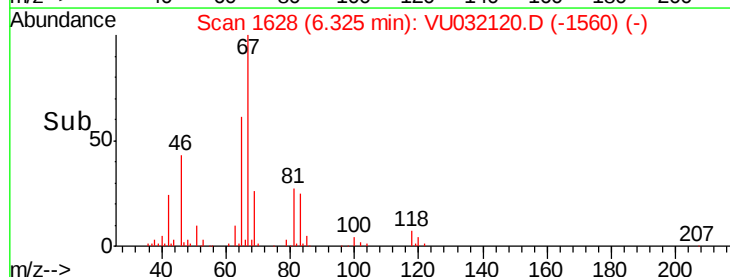
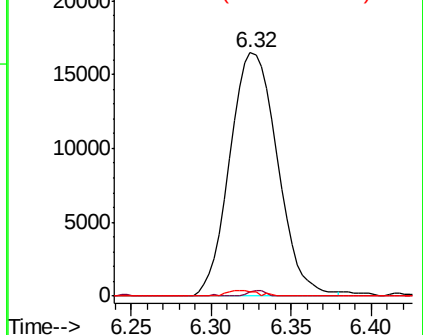
98 1.2 36.8 55.2#

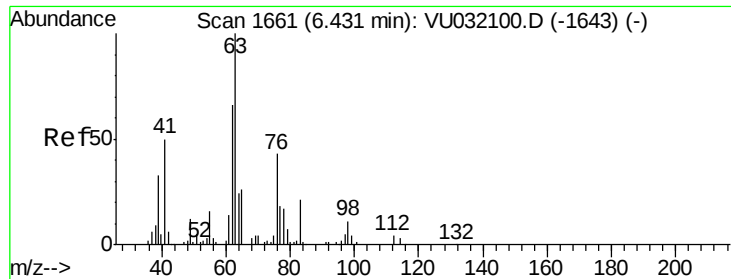


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

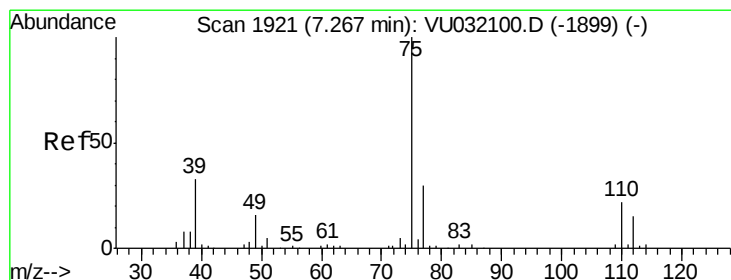
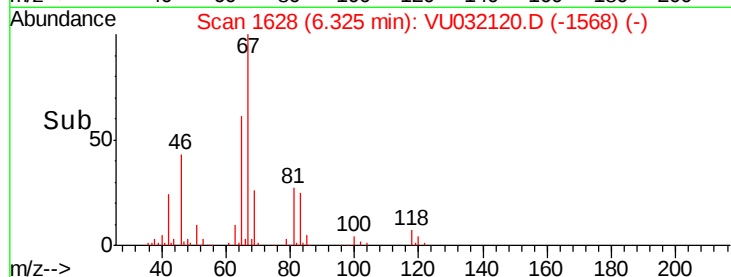
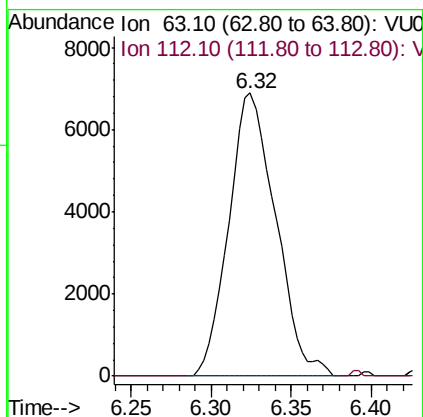
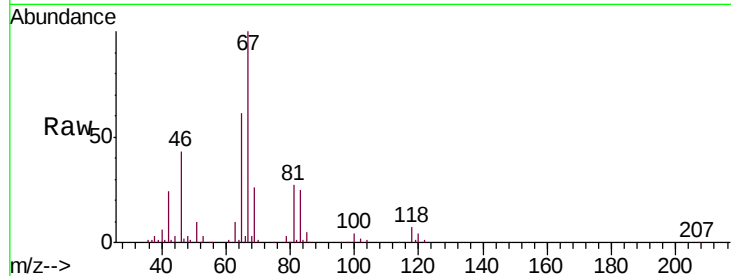




#37
 1,2-Dichloropropane
 Concen: 0.961 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032120.D
 Acq: 17 May 2019 23:12

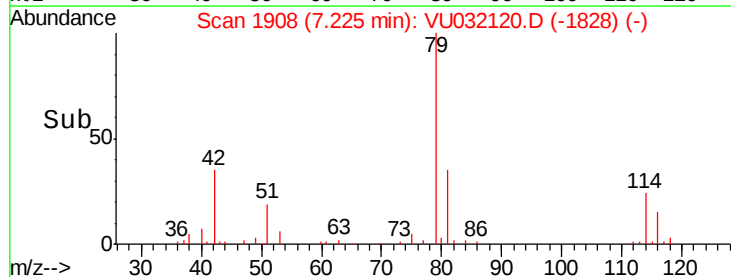
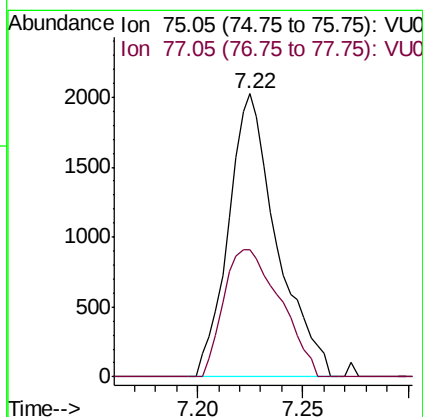
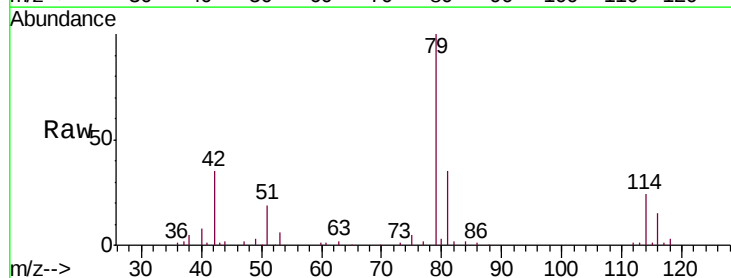
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN1

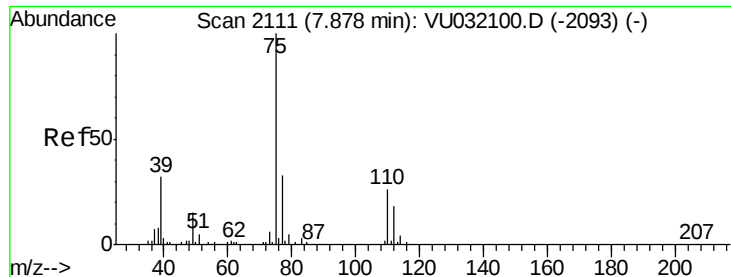
Tgt Ion: 63 Resp: 13808
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.162 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032120.D
 Acq: 17 May 2019 23:12

Tgt Ion: 75 Resp: 3227
 Ion Ratio Lower Upper
 75 100
 77 45.1 21.7 40.3#

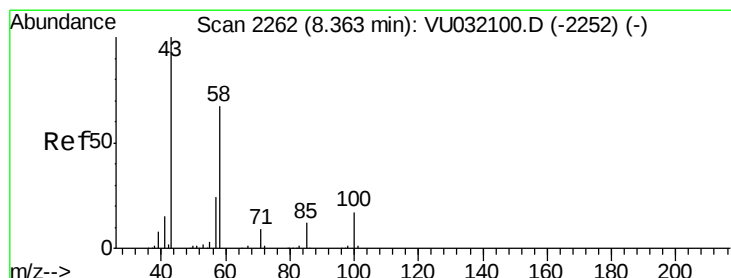
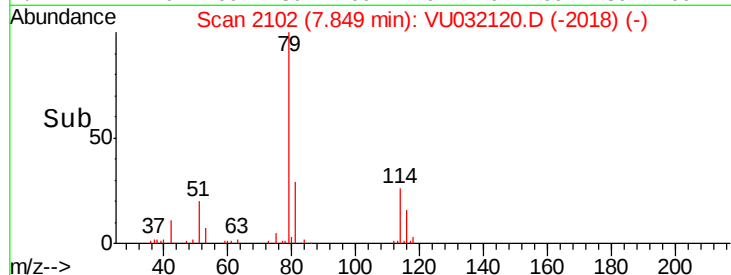
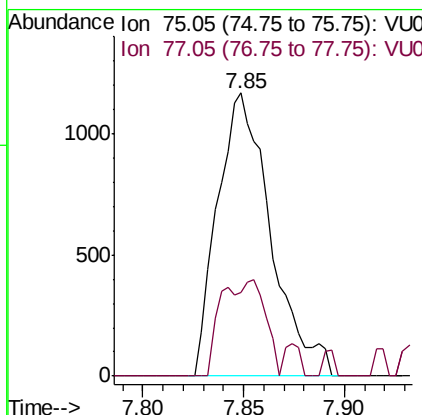
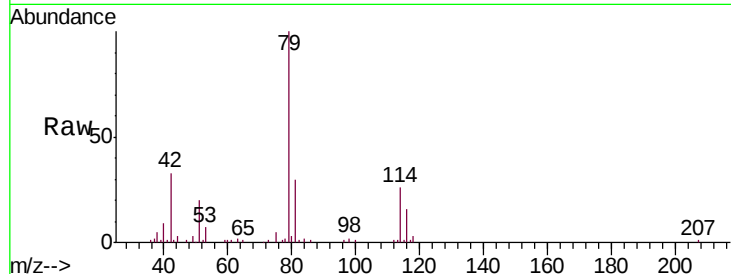




#44
trans-1,3-Dichloropropene
Concen: 0.139 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032120.D
Acq: 17 May 2019 23:12

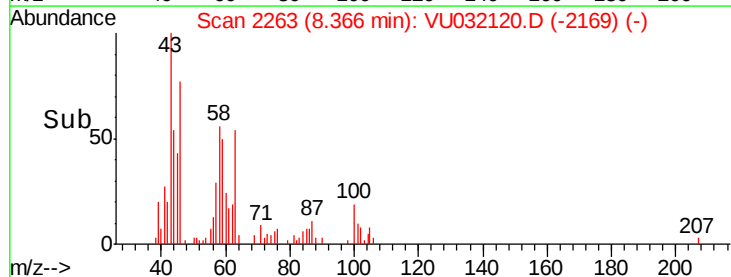
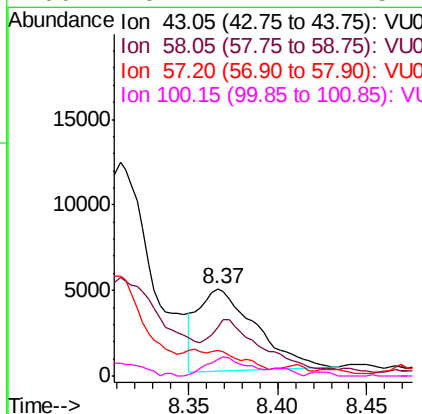
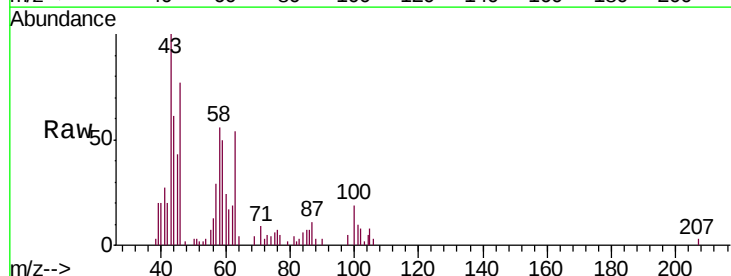
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MSVOA_U
ClientSampled :
C0BN1

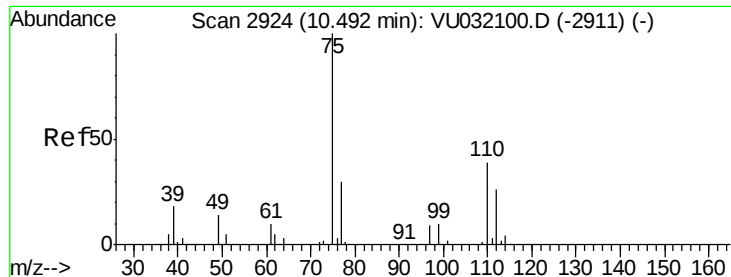
Tgt Ion: 75 Resp: 2148
Ion Ratio Lower Upper
75 100
77 29.7 21.0 39.0



#48
2-Hexanone
Concen: 2.074 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032120.D
Acq: 17 May 2019 23:12

Tgt Ion: 43 Resp: 10714
Ion Ratio Lower Upper
43 100
58 54.9 51.6 77.4
57 0.0 18.4 27.6#
100 16.2 12.2 18.4





#59

1,2,3-Trichloropropane

Concen: 1.745 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032120.D

Acq: 17 May 2019 23:12

Instrument :

MSVOA_U

ClientSampleId :

C0BN1

Tgt Ion: 75 Resp: 15928

Ion Ratio Lower Upper

75 100

77 37.1 26.2 39.2

