

Data File : VU034632.D
Acq On : 17 Sep 2019 22:29
Operator : JC/SP
Sample : K4865-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COML2

Quant Time: Sep 18 08:09:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	91142	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	88338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	37904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38849	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.67	69	30846	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.26	63	55437	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.19	46	106165	59.55	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.10%
24) Chloroform-d	4.62	84	49136	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.29	65	34178	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.32	84	128292	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.31	67	42905	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.54	98	114887	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.83	79	15103	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.30	63	78415	54.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	34139	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	34970	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

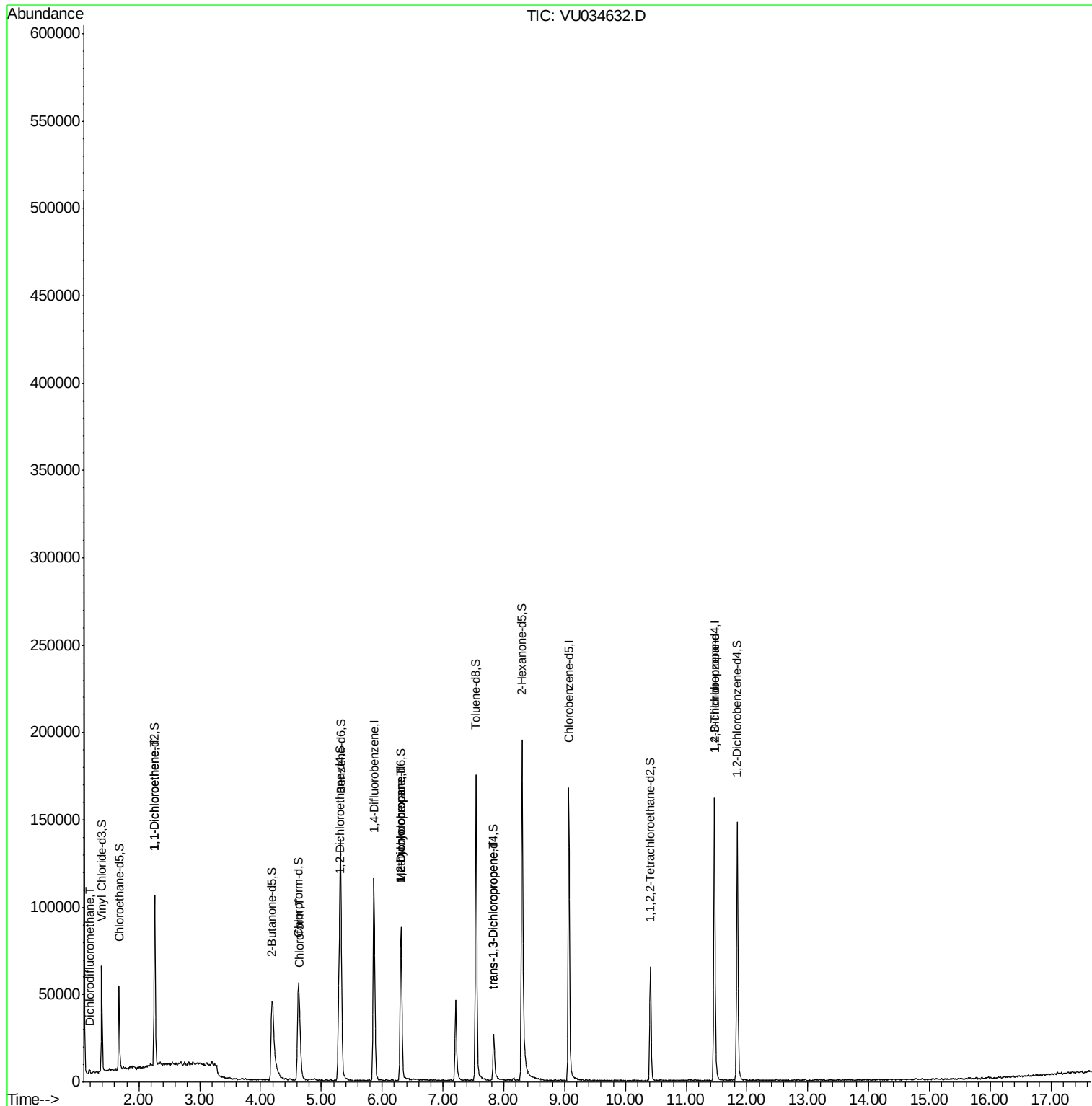
					Qvalue
2) Dichlorodifluoromethane	1.20	85	963	0.140 ug/L #	84
12) 1,1-Dichloroethene	2.27	96	829	0.184 ug/L #	1
25) Chloroform	4.65	83	13856	1.086 ug/L	91
35) Methylcyclohexane	6.31	83	9480	0.986 ug/L #	17
37) 1,2-Dichloropropane	6.31	63	4692	0.636 ug/L #	92
44) trans-1,3-Dichloropropene	7.84	75	711	0.084 ug/L	92
59) 1,2,3-Trichloropropene	11.46	75	6952	1.443 ug/L	97

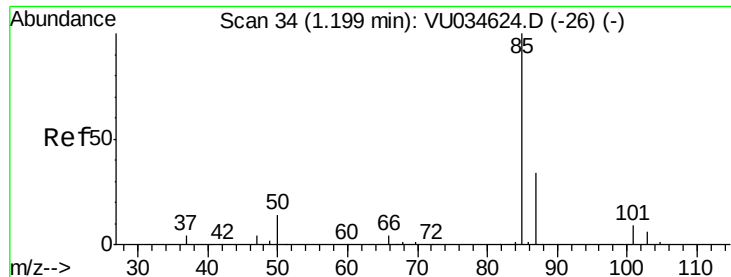
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.140 ug/L

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU034632.D

Acq: 17 Sep 2019 22:29

Instrument :

MSVOA_U

ClientSampled :

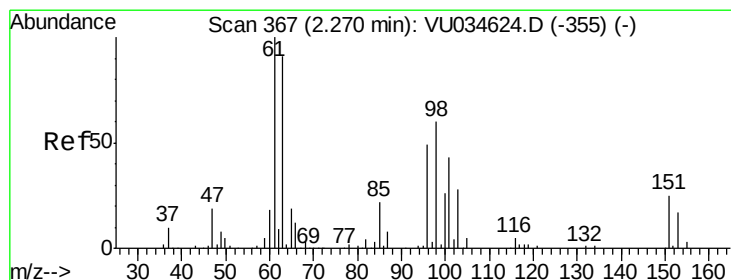
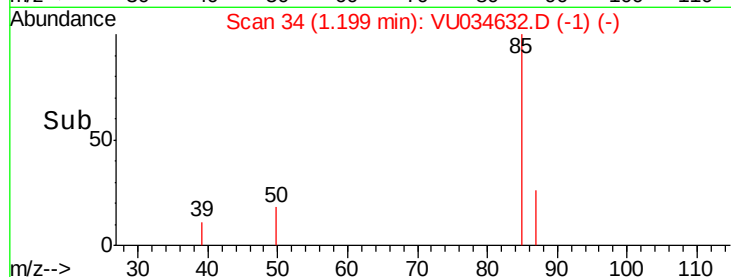
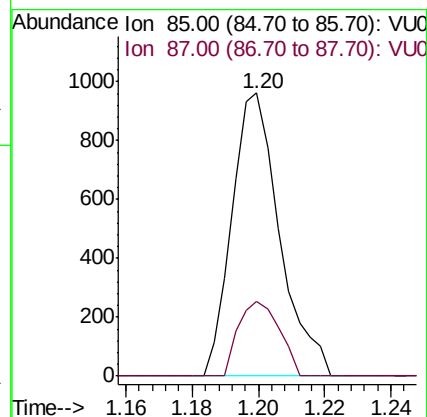
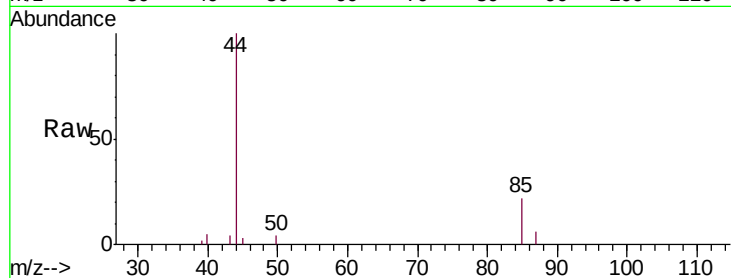
COML2

Tgt Ion: 85 Resp: 963

Ion Ratio Lower Upper

85 100

87 22.5 25.0 37.4#



#12

1,1-Dichloroethene

Concen: 0.184 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU034632.D

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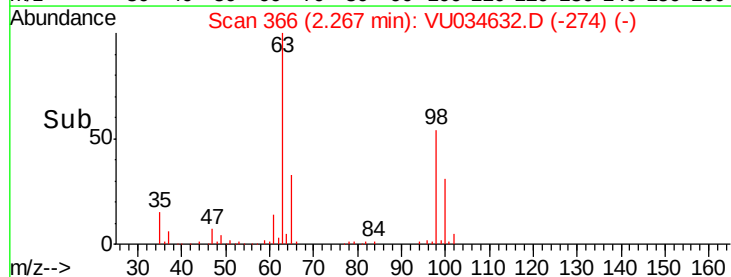
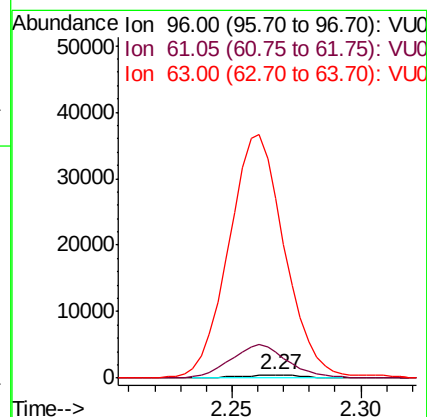
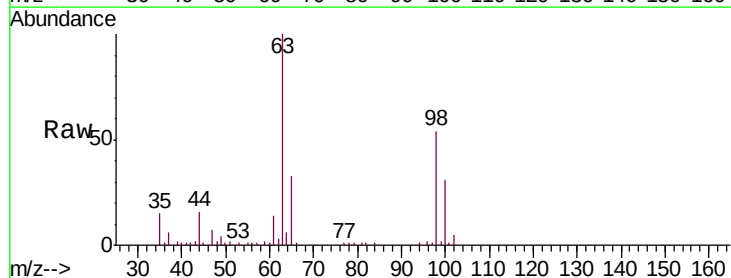
Tgt Ion: 96 Resp: 829

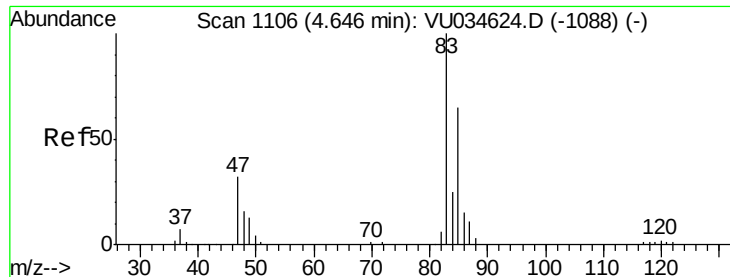
Ion Ratio Lower Upper

96 100

61 837.4 144.4 268.2#

63 5832.0 111.5 207.1#

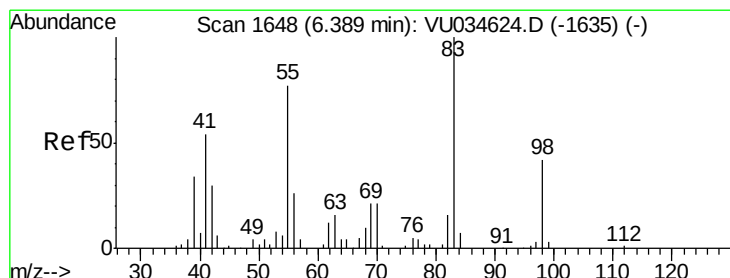
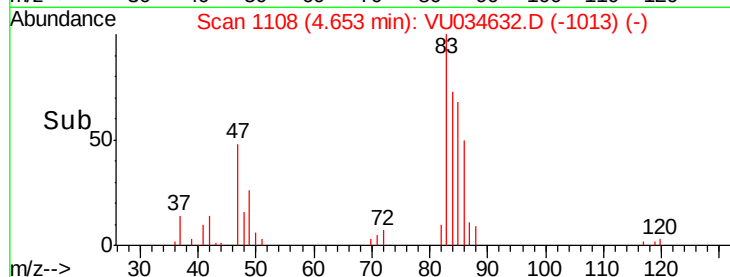
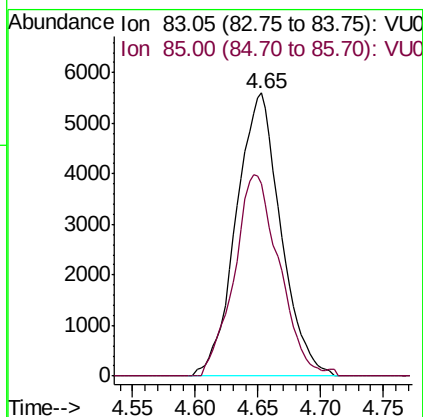
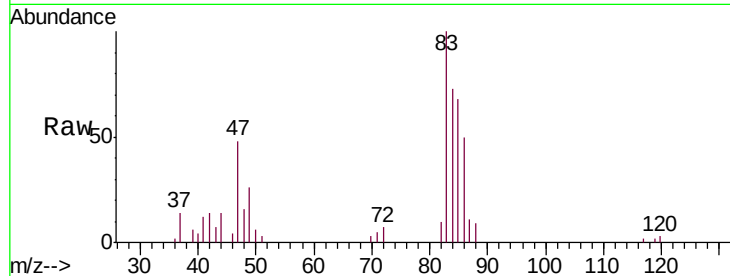




#25
Chloroform
Concen: 1.086 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VU034632.D
Acq: 17 Sep 2019 22:29

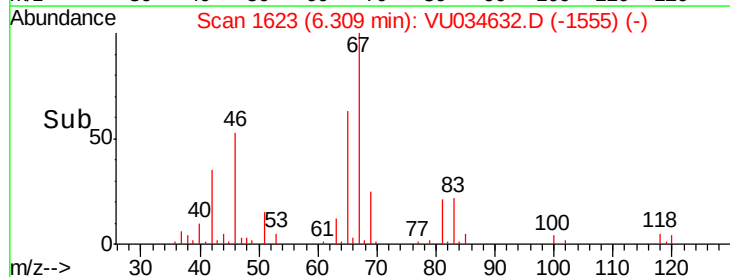
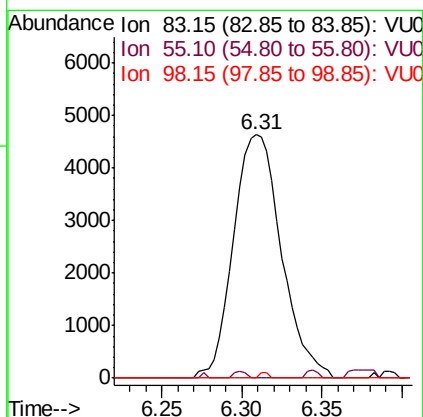
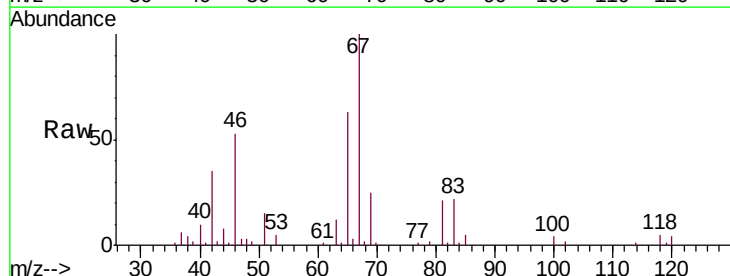
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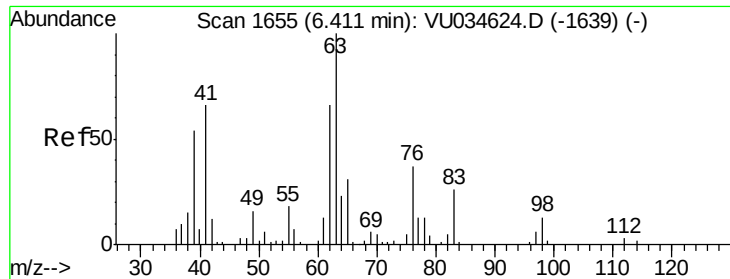
Tgt Ion: 83 Resp: 13856
Ion Ratio Lower Upper
83 100
85 67.9 42.8 79.4



#35
Methylcyclohexane
Concen: 0.986 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034632.D
Acq: 17 Sep 2019 22:29

Tgt Ion: 83 Resp: 9480
Ion Ratio Lower Upper
83 100
55 0.7 66.8 100.2#
98 0.4 35.4 53.0#

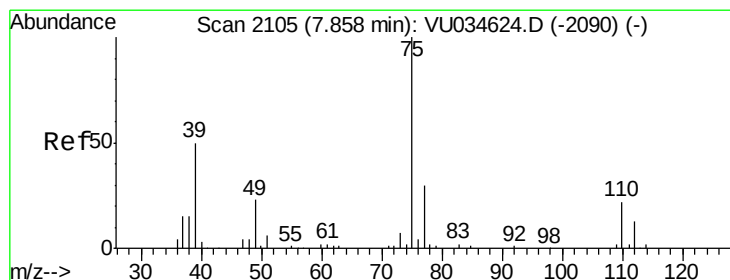
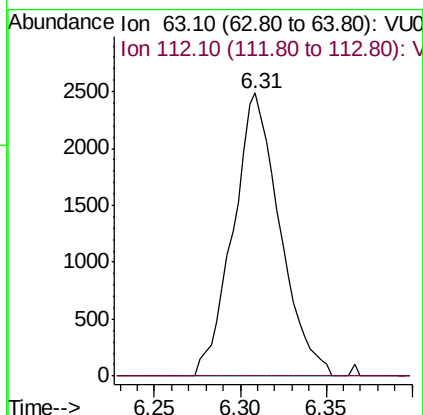
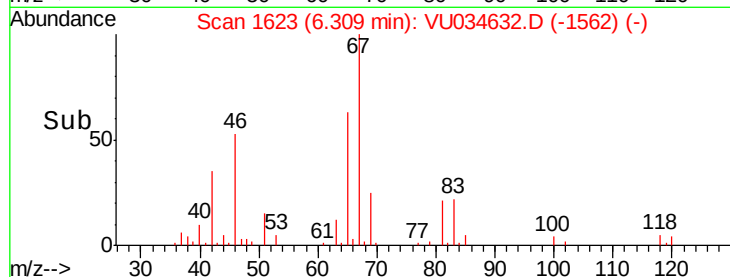
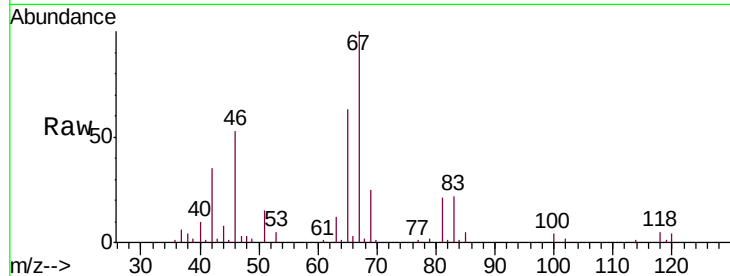




#37
 1,2-Dichloropropane
 Concen: 0.636 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034632.D
 Acq: 17 Sep 2019 22:29

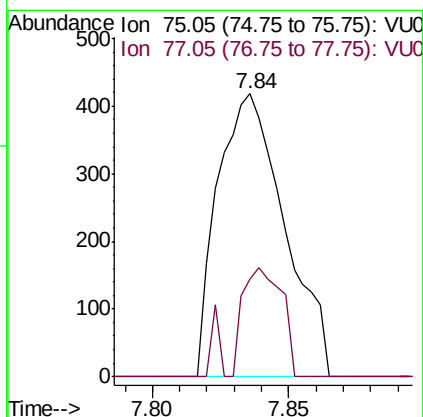
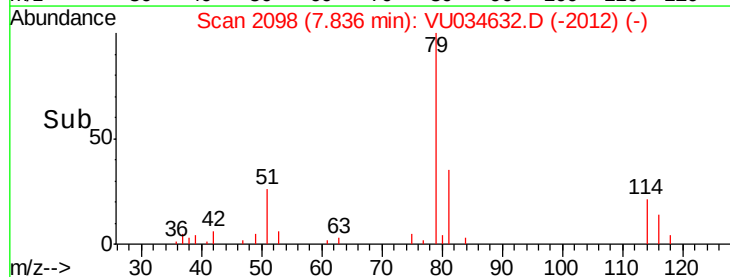
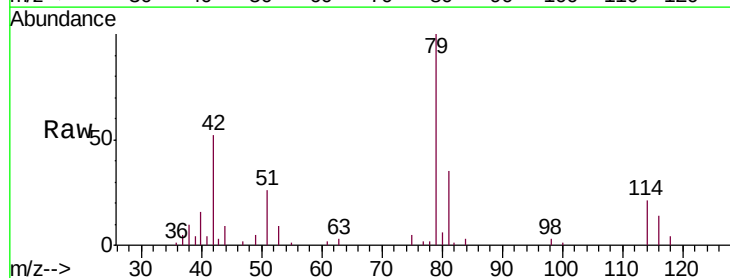
Instrument :
 MSVOA_U
 ClientSampleId :
 COML2

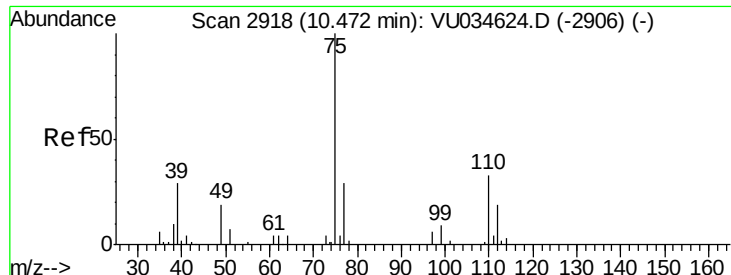
Tgt Ion: 63 Resp: 4692
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.84 min Scan# 2098
 Delta R.T. -0.02 min
 Lab File: VU034632.D
 Acq: 17 Sep 2019 22:29

Tgt Ion: 75 Resp: 711
 Ion Ratio Lower Upper
 75 100
 77 34.7 21.1 39.3





#59

1,2,3-Trichloropropane

Concen: 1.443 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034632.D

Acq: 17 Sep 2019 22:29

Instrument :

MSVOA_U

ClientSampleId :

COML2

Tgt Ion: 75 Resp: 6952

Ion Ratio Lower Upper

75 100

77 33.9 26.0 39.0

