

Data File : VU035174.D
Acq On : 15 Oct 2019 01:05
Operator : JC/SP
Sample : K5317-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF1

Quant Time: Oct 15 08:05:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	148682	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	156041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45102	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.67	69	43077	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.26	63	64682	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.18	46	148980	57.56	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.12%
24) Chloroform-d	4.62	84	78128	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.29	65	52416	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.32	84	168692	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.31	67	62137	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.55	98	143754	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.84	79	17712	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.30	63	104206	49.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53464	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	51781	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

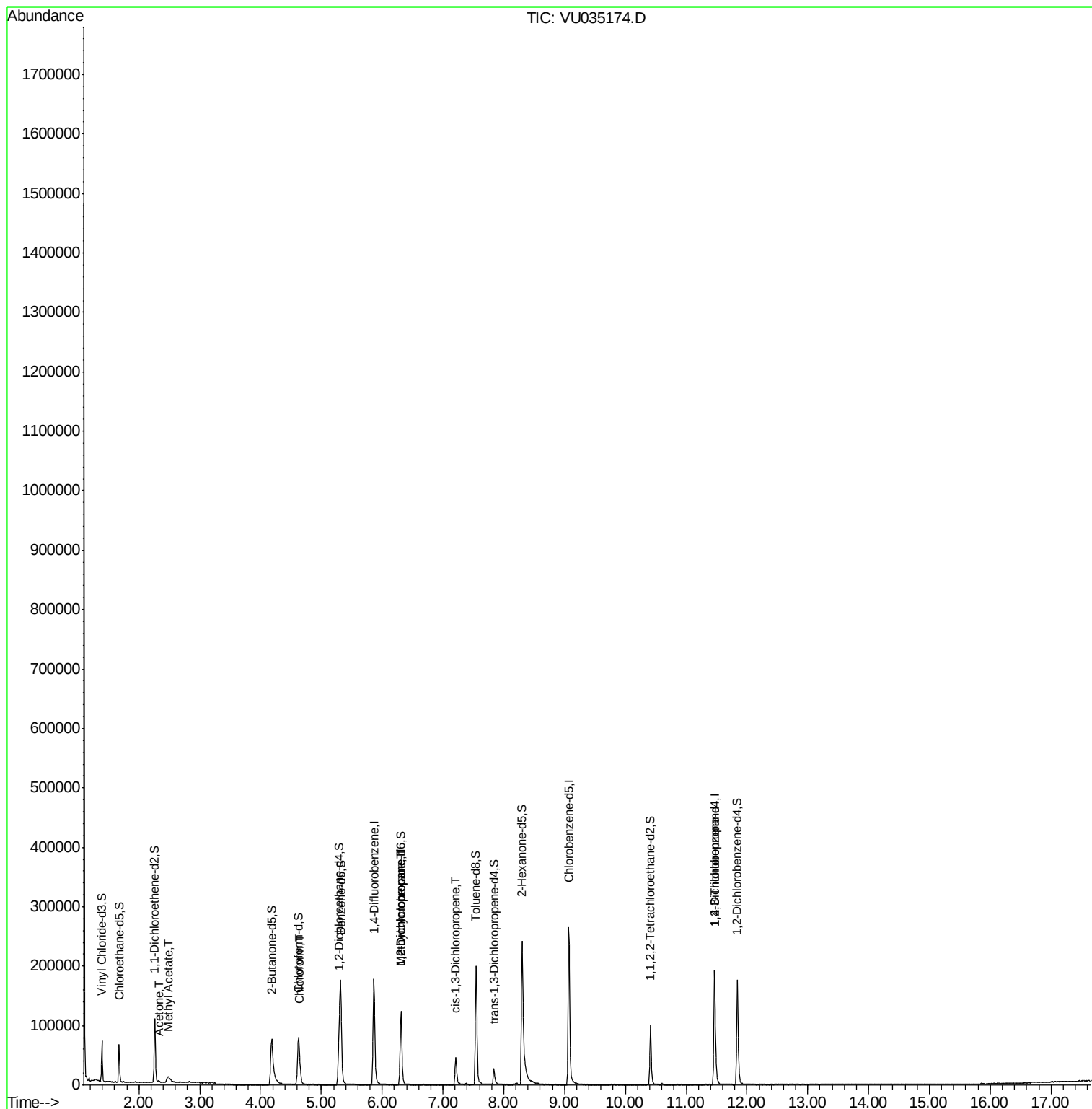
					Qvalue
13) Acetone	2.32	43	4516	2.130 ug/L	70
15) Methyl Acetate	2.48	43	4374	0.775 ug/L #	53
25) Chloroform	4.65	83	15210	0.666 ug/L	95
35) Methylcyclohexane	6.31	83	13785	0.702 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6816	0.538 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1246	0.073 ug/L	85
59) 1,2,3-Trichloropropane	11.47	75	7743	0.943 ug/L	94

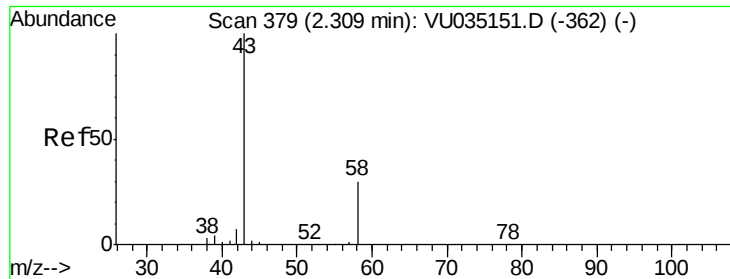
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.130 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.02 min

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MSVOA_U

ClientSampleId :

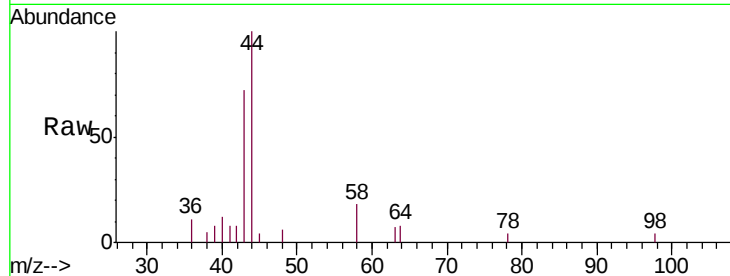
C0CF1

Tgt Ion: 43 Resp: 4516

Ion Ratio Lower Upper

43 100

58 16.2 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035174.D (-384) (-)

Ion 58.05 (57.75 to 58.75): VU035174.D (-384) (-)

2.32

2000

1500

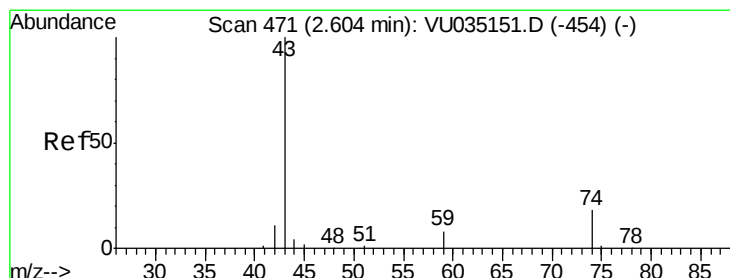
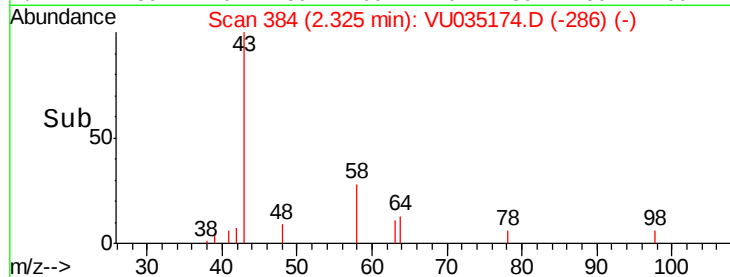
1000

500

0

Time-->

2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 0.775 ug/L

RT: 2.48 min Scan# 433

Delta R.T. -0.12 min

Lab File: VU035174.D

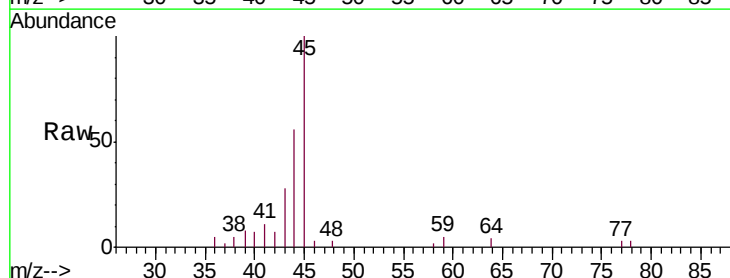
Acq: 15 Oct 2019 01:05

Tgt Ion: 43 Resp: 4374

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU035174.D (-433) (-)

Ion 74.05 (73.75 to 74.75): VU035174.D (-433) (-)

2.48

1500

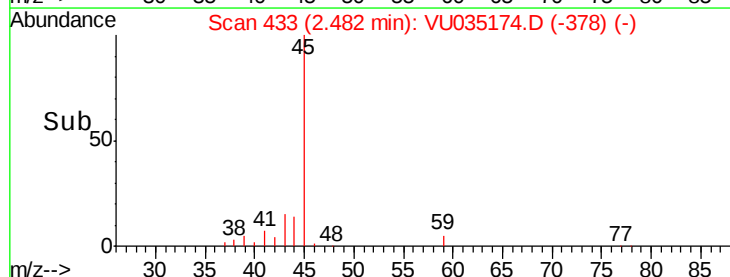
1000

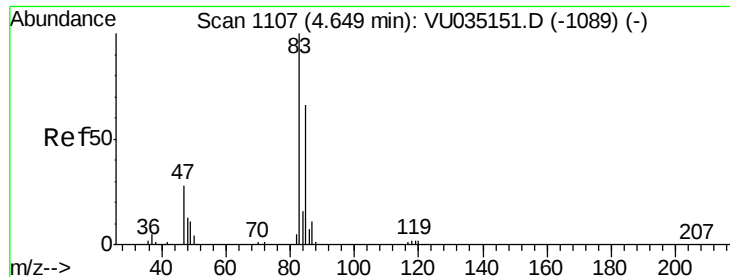
500

0

Time-->

2.40 2.45 2.50 2.55





#25

Chloroform

Concen: 0.666 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU035174.D

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Instrument :

MSVOA_U

ClientSampleId :

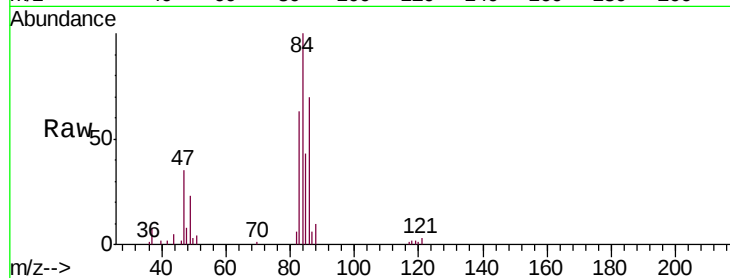
C0CF1

Tgt Ion: 83 Resp: 15210

Ion Ratio Lower Upper

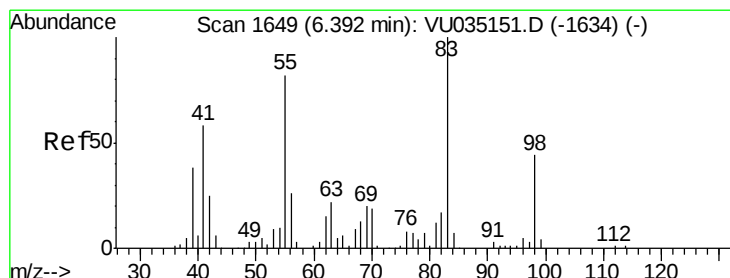
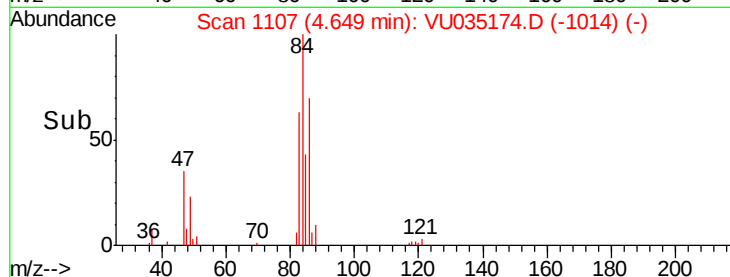
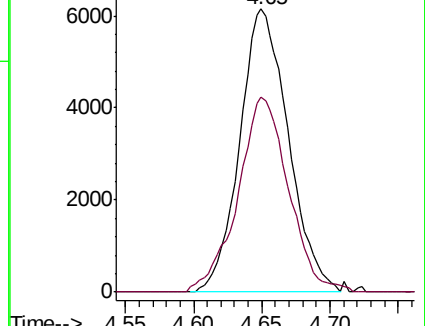
83 100

85 69.1 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035151.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU035151.D (-1089) (-)



#35

Methylcyclohexane

Concen: 0.702 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU035174.D

Acq: 15 Oct 2019 01:05

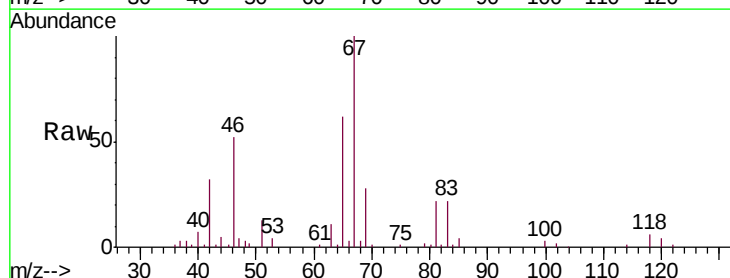
Tgt Ion: 83 Resp: 13785

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

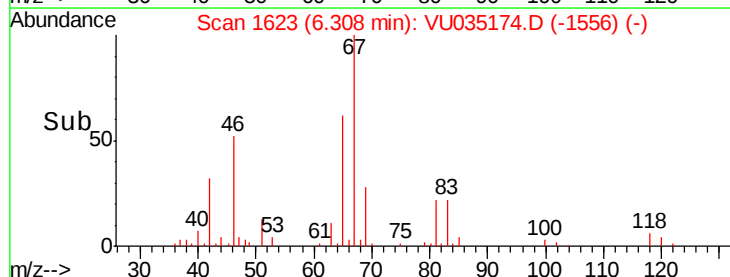
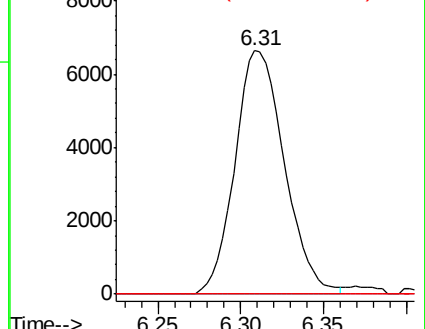
98 0.0 36.2 54.2#

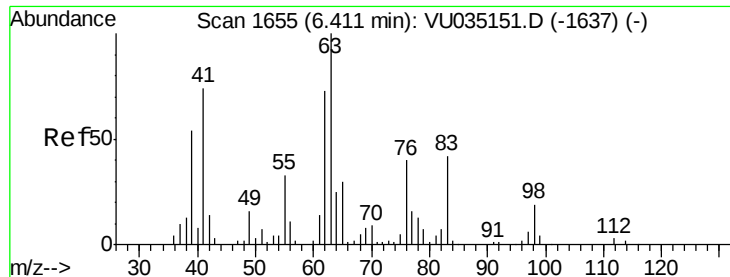


Abundance Ion 83.15 (82.85 to 83.85): VU035151.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VU035151.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VU035151.D (-1634) (-)

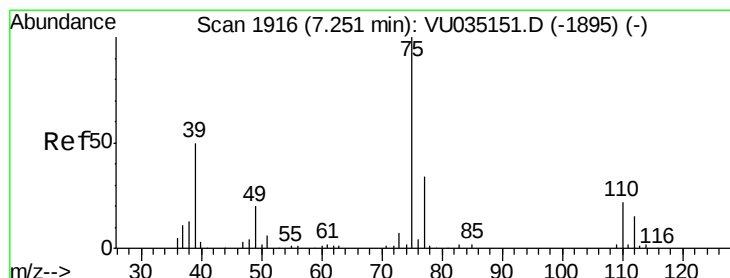
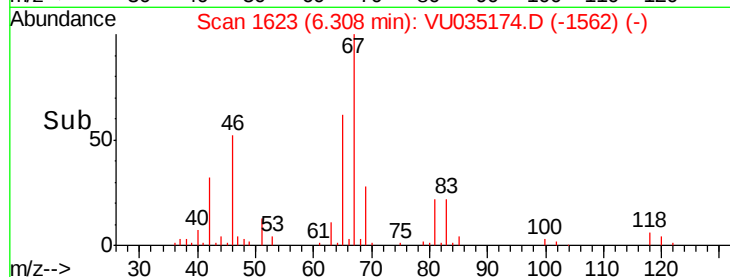
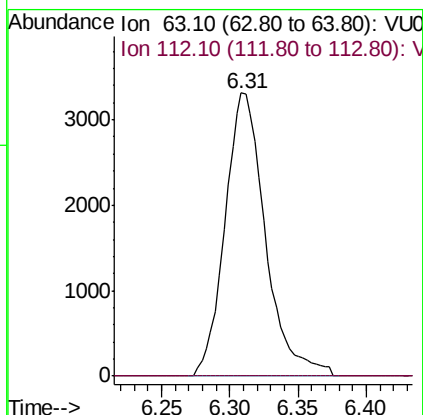
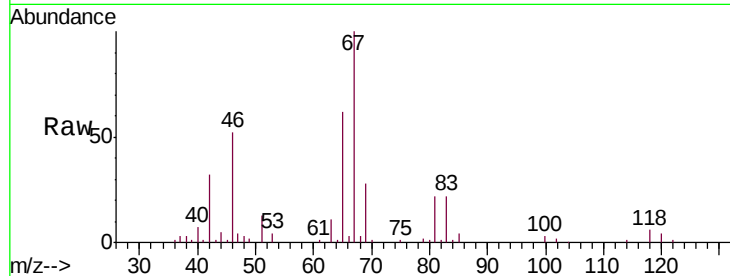




#37
 1,2-Dichloropropane
 Concen: 0.538 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035174.D
 Acq: 15 Oct 2019 01:05

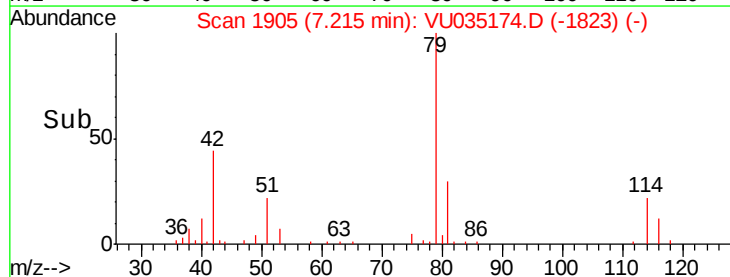
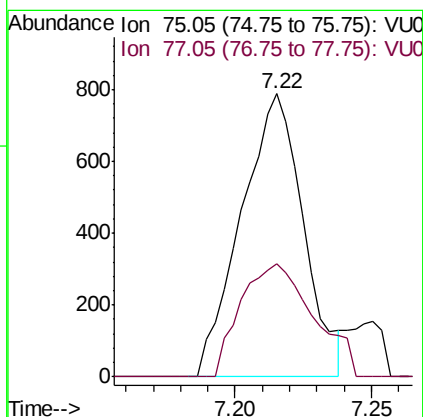
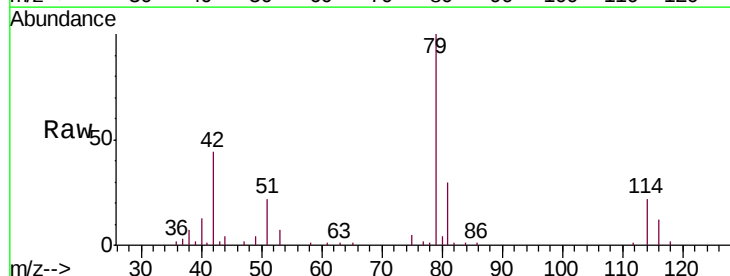
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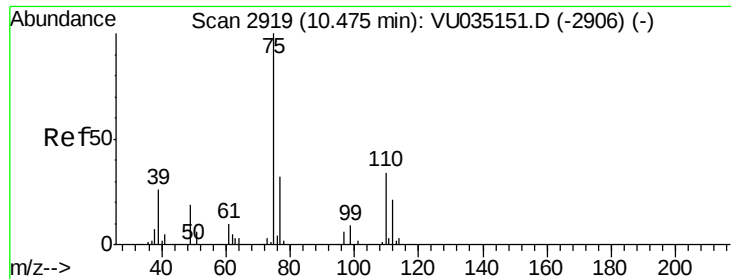
Tgt Ion: 63 Resp: 6816
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.22 min Scan# 1905
 Delta R.T. -0.04 min
 Lab File: VU035174.D
 Acq: 15 Oct 2019 01:05

Tgt Ion: 75 Resp: 1246
 Ion Ratio Lower Upper
 75 100
 77 40.0 22.1 41.1





#59
 1,2,3-Trichloropropane
 Concen: 0.943 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU035174.D
 Acq: 15 Oct 2019 01:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF1

Tgt Ion: 75 Resp: 7743
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.5 39.7

