

Data File : VU033426.D
Acq On : 25 Jul 2019 21:51
Operator : JC/SP
Sample : VIBLK-40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jul 26 05:54:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	266460	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	117472	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	82962	41.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.26%
7) Chloroethane-d5	1.67	69	82339	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.56%
11) 1,1-Dichloroethene-d2	2.25	63	120866	33.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.06%
21) 2-Butanone-d5	4.15	46	133467	104.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.43%
24) Chloroform-d	4.62	84	160440	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.28	65	110707	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
32) Benzene-d6	5.32	84	318011	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
36) 1,2-Dichloropropane-d6	6.31	67	107703	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	7.55	98	281075	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	7.83	79	46220	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.74%
47) 2-Hexanone-d5	8.29	63	95011	96.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	169090	51.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	113684	54.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.54%

Target Compounds

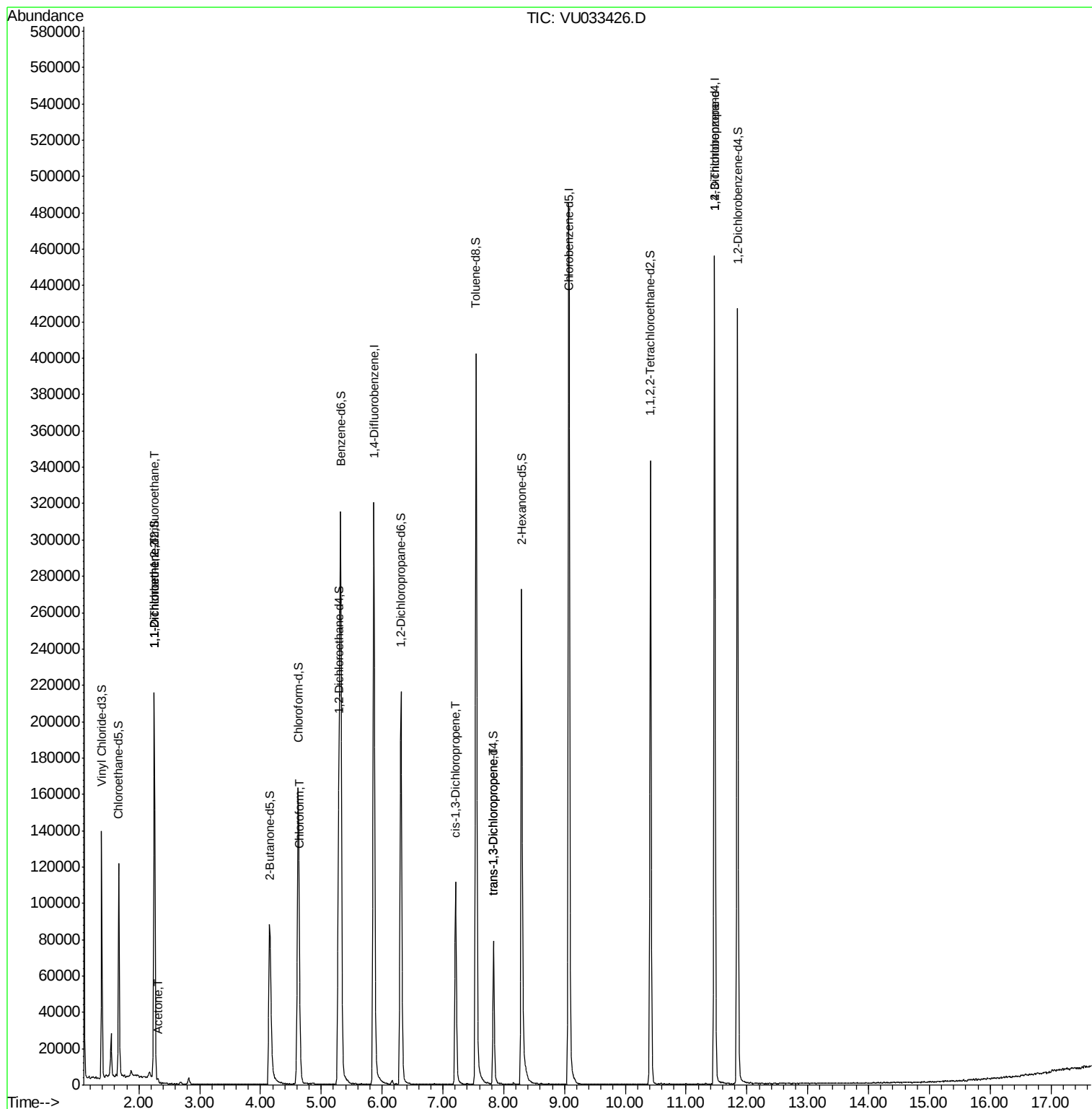
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1161	0.639 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1104	0.621 ug/L #	1
13) Acetone	2.31	43	858	0.537 ug/L	66
25) Chloroform	4.65	83	9289	2.472 ug/L	95
39) cis-1,3-Dichloropropene	7.21	75	2843	0.848 ug/L #	50
44) trans-1,3-Dichloropropene	7.83	75	1931	0.638 ug/L	88
59) 1,2,3-Trichloropropane	11.47	75	14569	5.117 ug/L	89

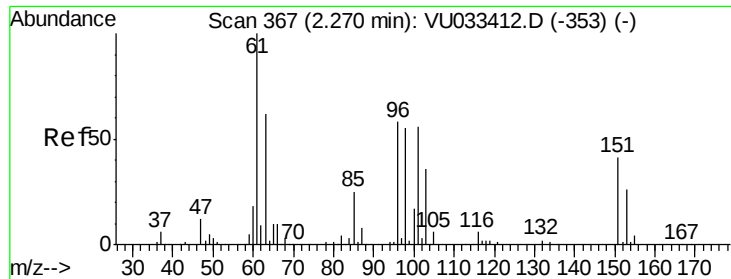
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.639 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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VIBLK40

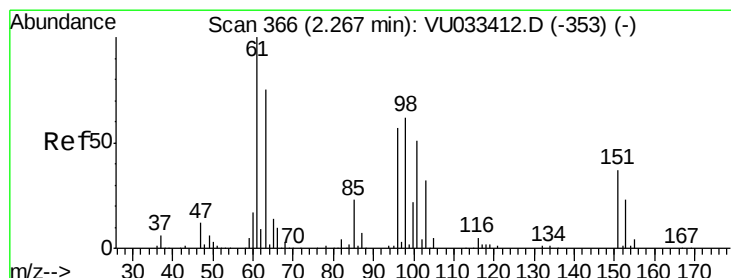
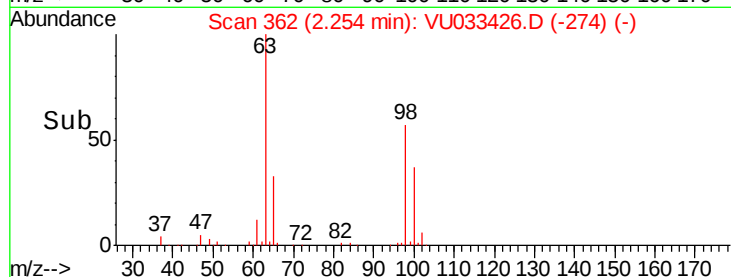
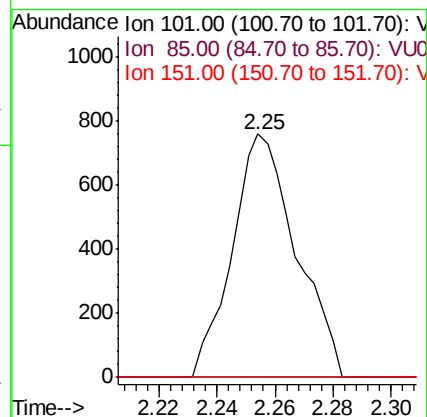
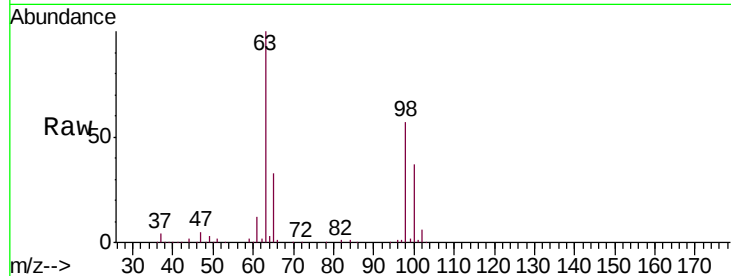
Tgt Ion: 101 Resp: 1161

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 56.7 85.1#



#12

1,1-Dichloroethene

Concen: 0.621 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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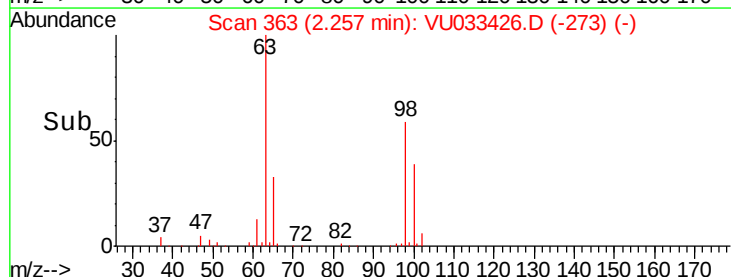
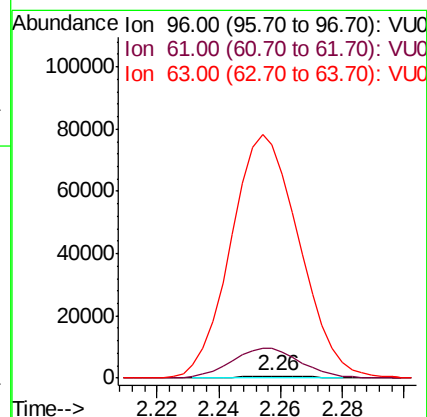
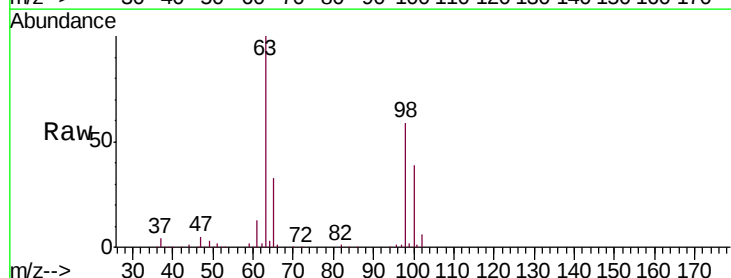
Tgt Ion: 96 Resp: 1104

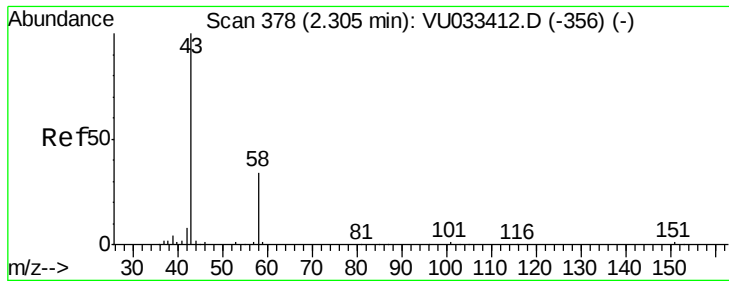
Ion Ratio Lower Upper

96 100

61 1326.3 126.1 234.1#

63 10504.5 96.8 179.8#





#13

Acetone

Concen: 0.537 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

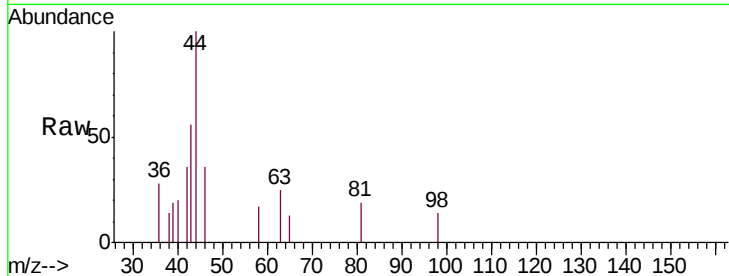
VIBLK40

Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

58 13.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033412.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU033412.D (-356) (-)

2.31

500

400

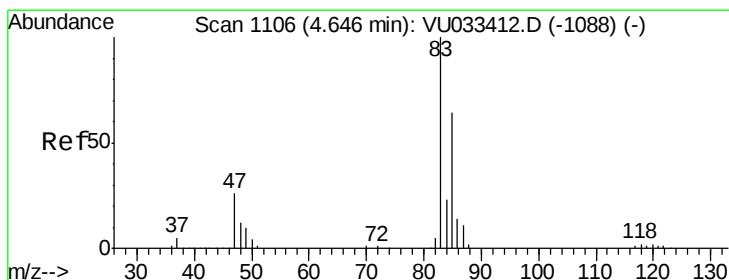
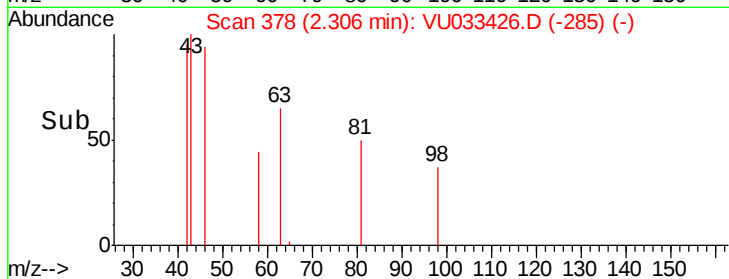
300

200

100

0

Time-->



#25

Chloroform

Concen: 2.472 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU033426.D

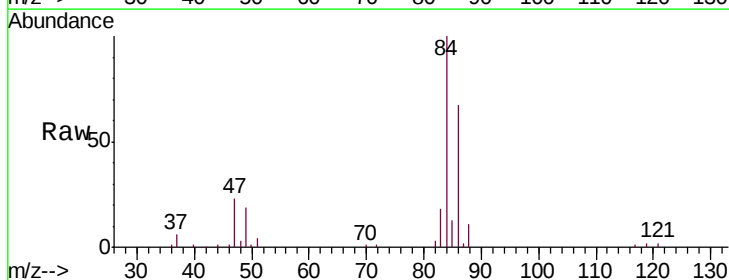
Acq: 25 Jul 2019 21:51

Tgt Ion: 83 Resp: 9289

Ion Ratio Lower Upper

83 100

85 68.8 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033412.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033412.D (-1088) (-)

4.65

4000

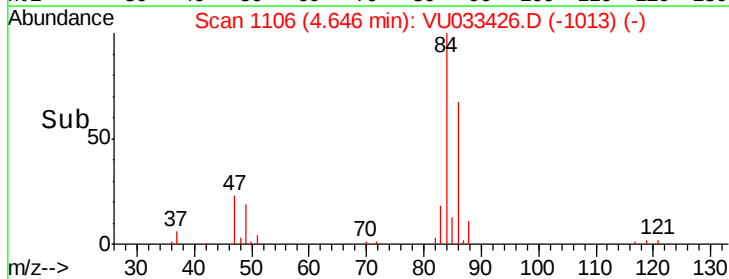
3000

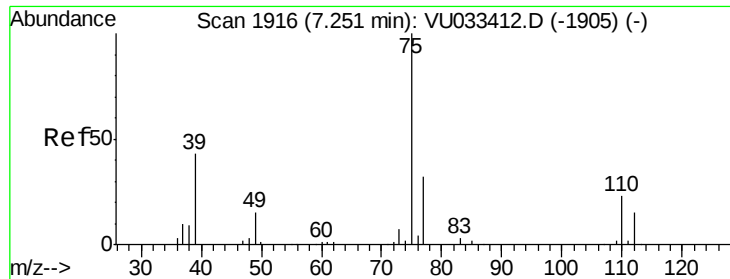
2000

1000

0

Time-->

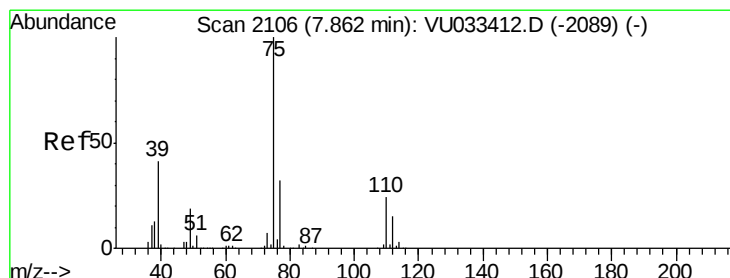
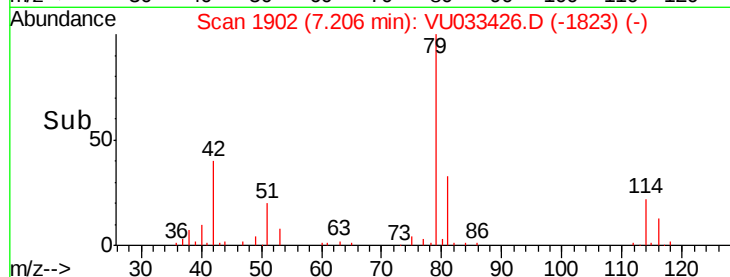
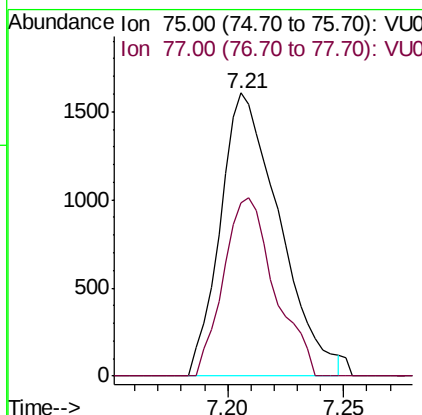
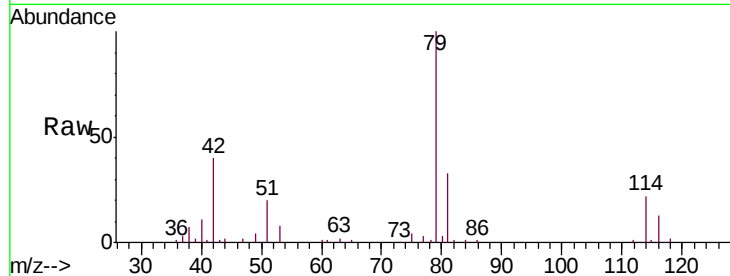




#39
 cis-1,3-Dichloropropene
 Concen: 0.848 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033426.D
 Acq: 25 Jul 2019 21:51

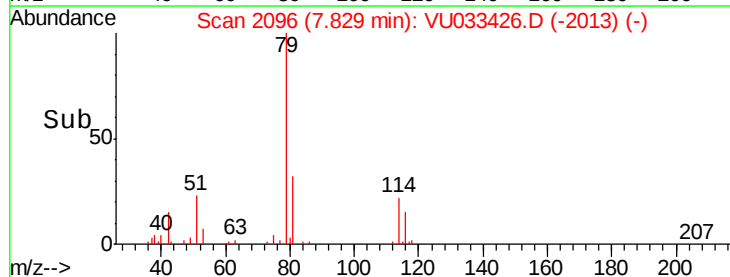
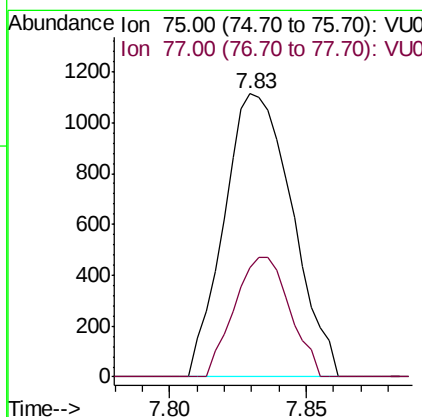
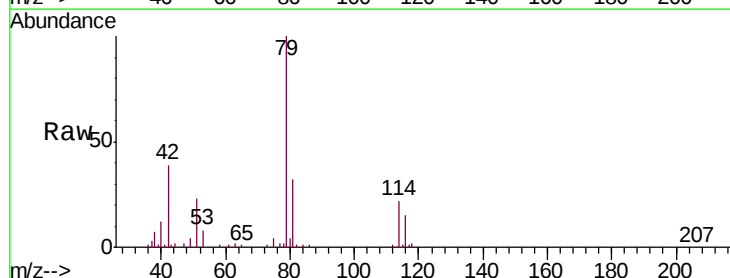
Instrument :
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 VIBLK40

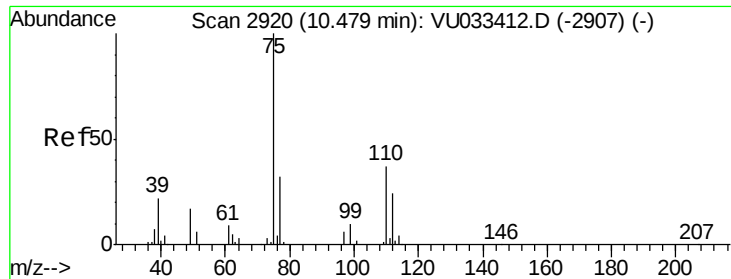
Tgt Ion: 75 Resp: 2843
 Ion Ratio Lower Upper
 75 100
 77 61.2 23.1 42.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.638 ug/L
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.03 min
 Lab File: VU033426.D
 Acq: 25 Jul 2019 21:51

Tgt Ion: 75 Resp: 1931
 Ion Ratio Lower Upper
 75 100
 77 38.5 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.117 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033426.D

Acq: 25 Jul 2019 21:51

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 14569

Ion Ratio Lower Upper

75 100

77 38.6 26.0 39.0

