

Data File : VU033223.D
Acq On : 12 Jul 2019 15:49
Operator : JC/SP
Sample : K3760-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8X4

Quant Time: Jul 13 00:12:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	297774	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	292481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	131978	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	126353	56.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.10%
7) Chloroethane-d5	1.67	69	106911	55.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.04%
11) 1,1-Dichloroethene-d2	2.26	63	162264	39.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.38%
21) 2-Butanone-d5	4.15	46	140649	98.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.48%
24) Chloroform-d	4.62	84	193676	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
26) 1,2-Dichloroethane-d4	5.29	65	130316	53.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.58%
32) Benzene-d6	5.32	84	409813	57.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.24%
36) 1,2-Dichloropropane-d6	6.31	67	131026	57.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.02%
41) Toluene-d8	7.55	98	370646	54.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.56%
43) trans-1,3-Dichloropropene-	7.83	79	61012	54.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.26%
47) 2-Hexanone-d5	8.29	63	119236	115.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.07%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	184489	53.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	136629	58.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.10%

Target Compounds

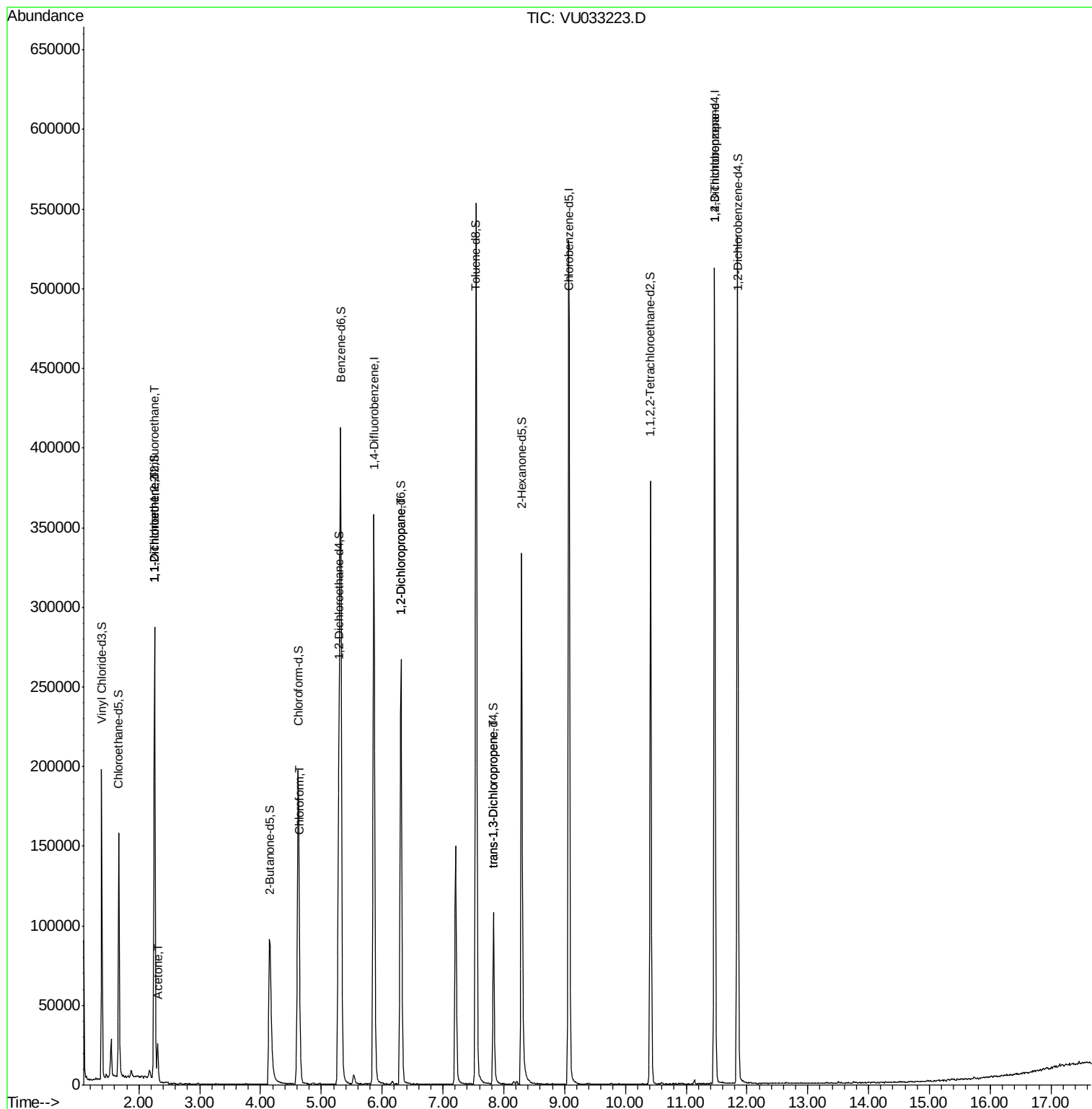
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1363	0.671 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1542	0.776 ug/L #	1
13) Acetone	2.31	43	23297	13.055 ug/L	100
25) Chloroform	4.65	83	7973	1.899 ug/L	97
37) 1,2-Dichloropropane	6.31	63	14485	6.262 ug/L #	89
44) trans-1,3-Dichloropropene	7.83	75	2740	0.857 ug/L	89
59) 1,2,3-Trichloropropane	11.47	75	16358	5.432 ug/L	96

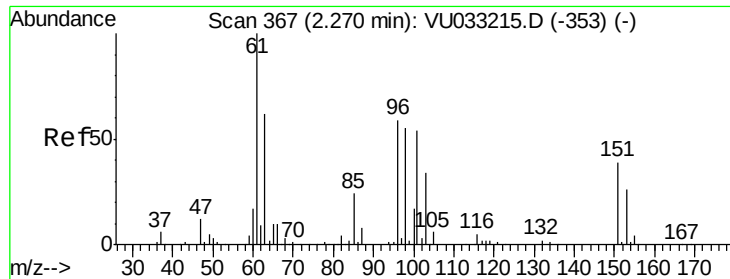
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.671 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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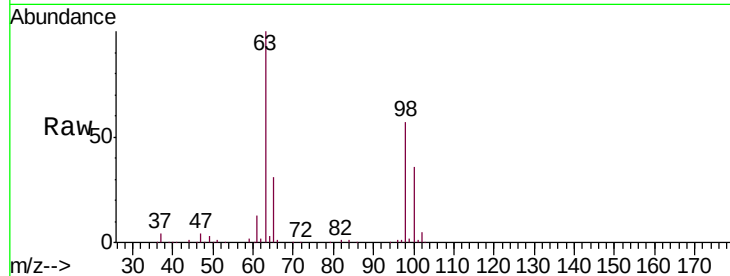
Tgt Ion:101 Resp: 1363

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

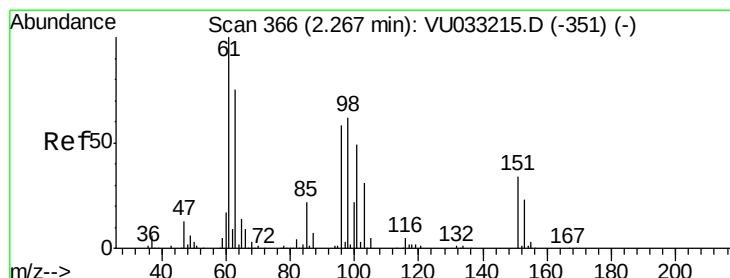
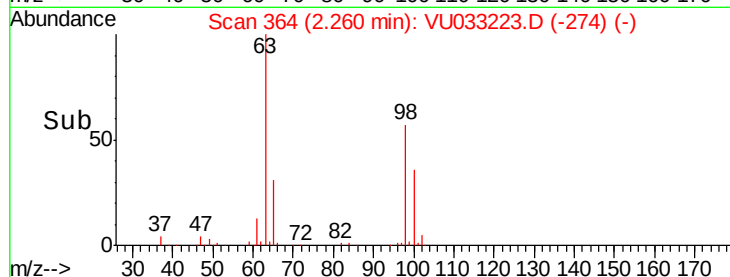
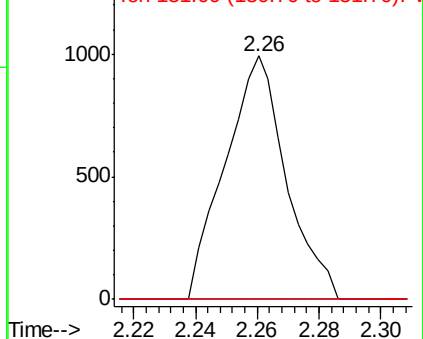
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.776 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033223.D

Acq: 12 Jul 2019 15:49

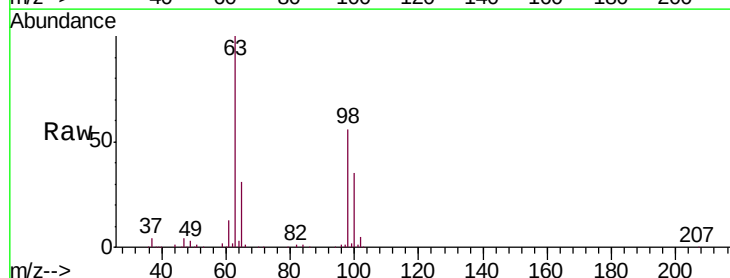
Tgt Ion: 96 Resp: 1542

Ion Ratio Lower Upper

96 100

61 1332.3 126.1 234.1#

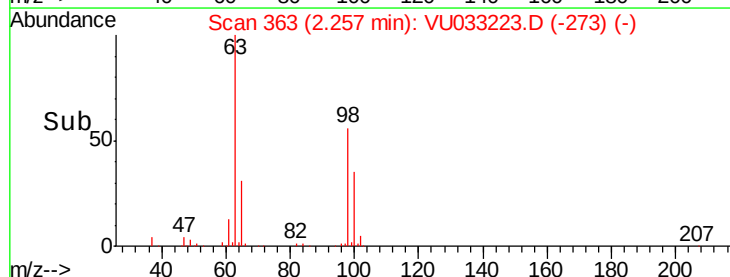
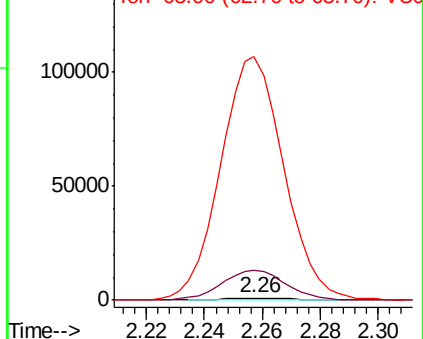
63 10643.8 96.8 179.8#

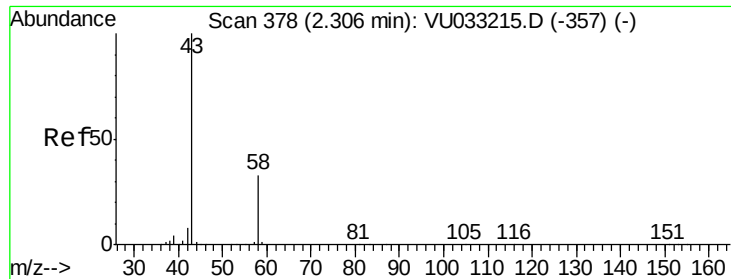


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 13.055 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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ClientSampleId :

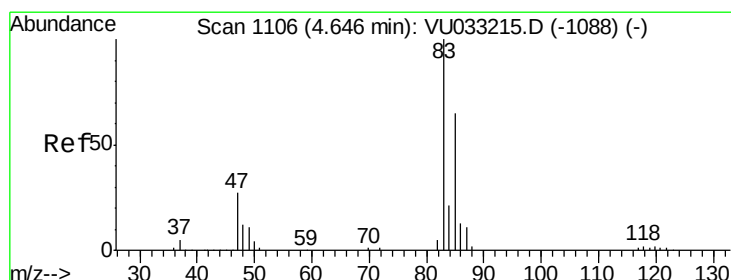
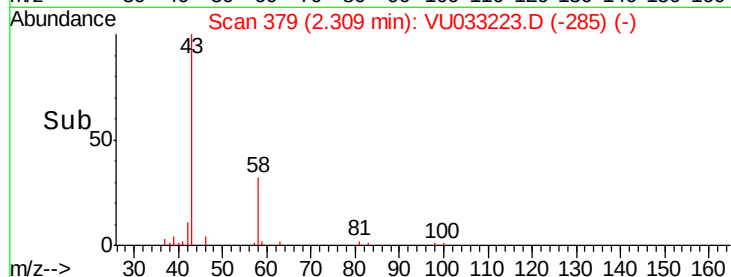
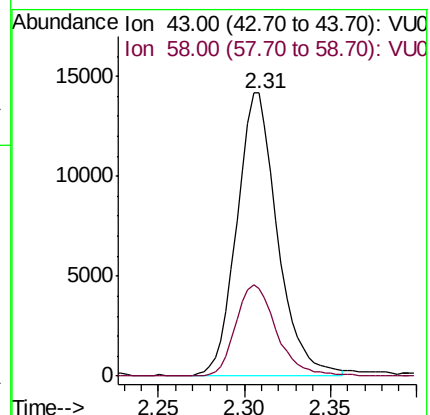
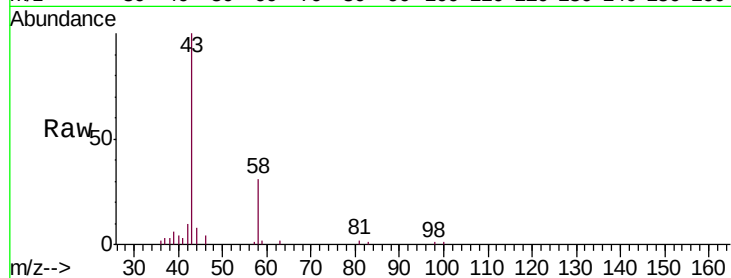
DB8X4

Tgt Ion: 43 Resp: 23297

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.4



#25

Chloroform

Concen: 1.899 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033223.D

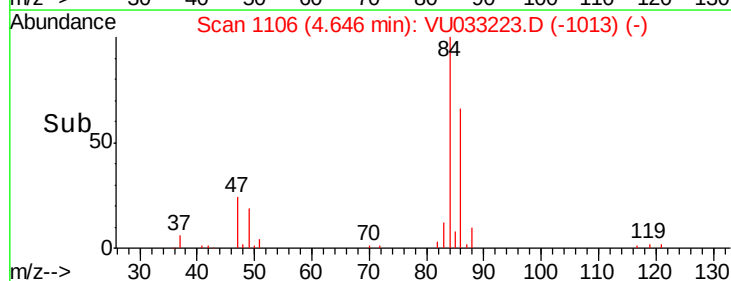
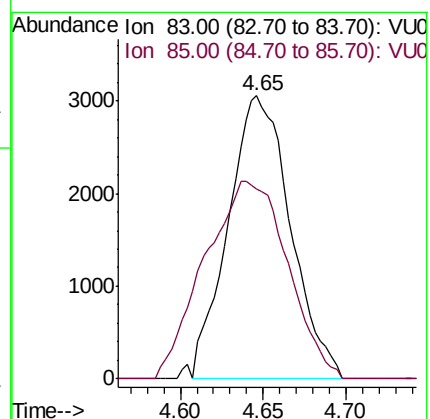
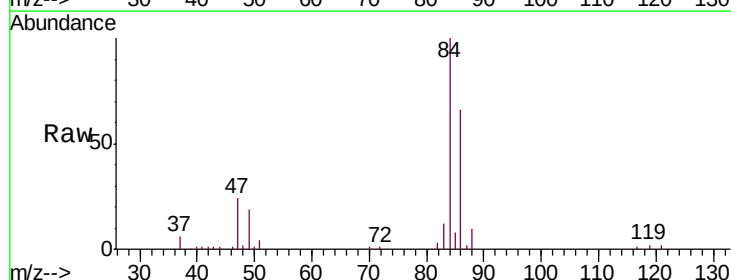
Acq: 12 Jul 2019 15:49

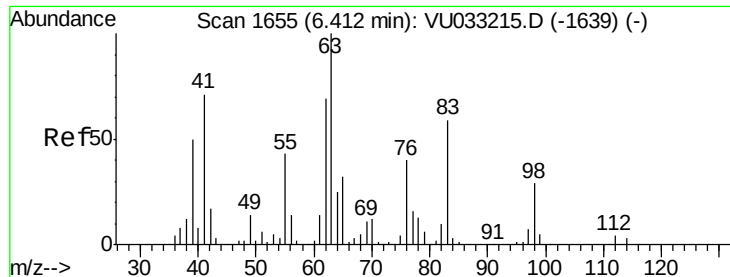
Tgt Ion: 83 Resp: 7973

Ion Ratio Lower Upper

83 100

85 67.3 45.4 84.4

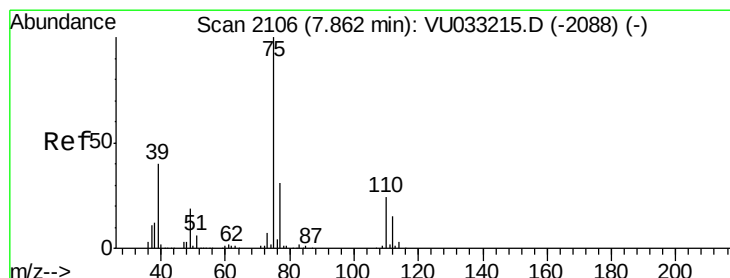
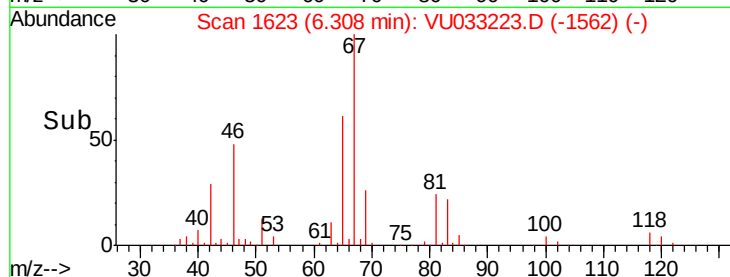
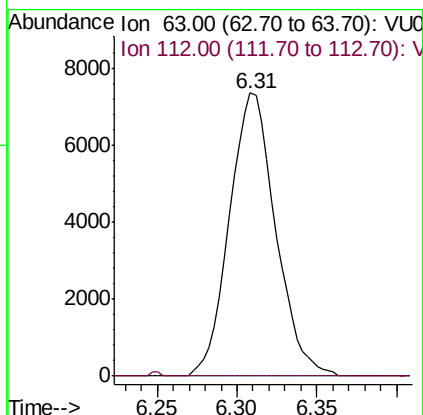
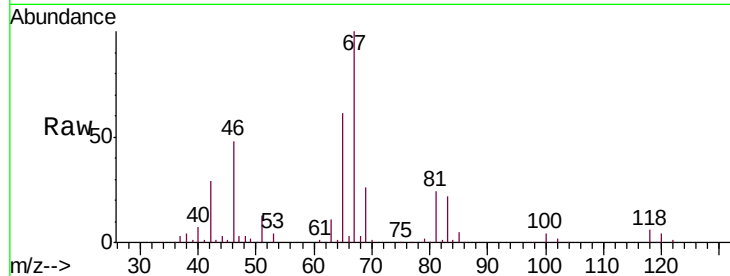




#37
 1,2-Dichloropropane
 Concen: 6.262 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033223.D
 Acq: 12 Jul 2019 15:49

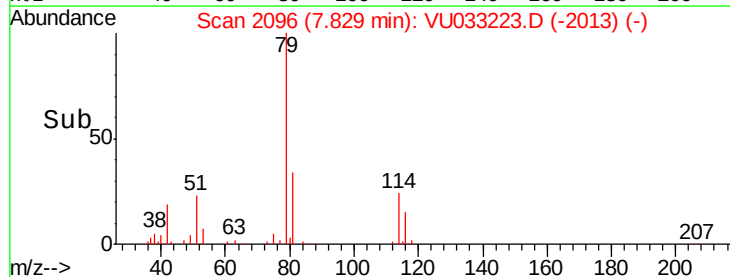
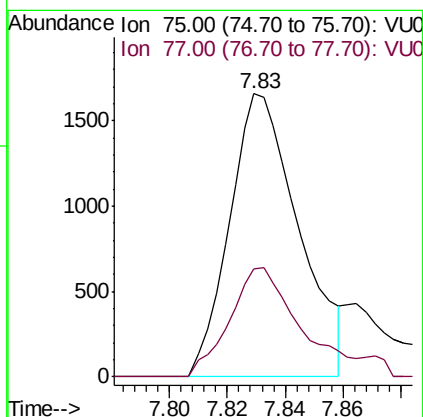
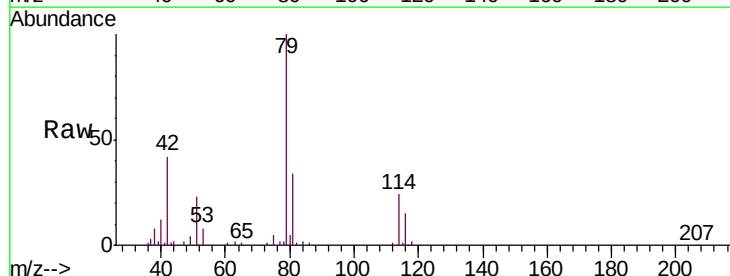
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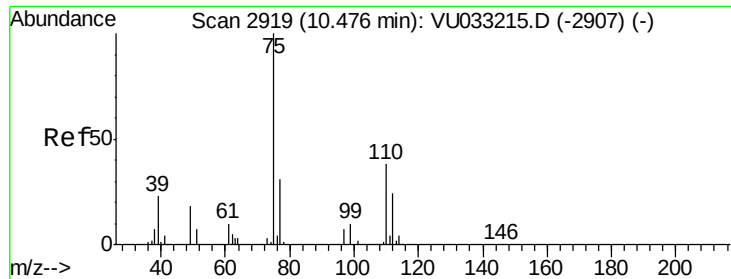
Tgt Ion: 63 Resp: 14485
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.857 ug/L
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.03 min
 Lab File: VU033223.D
 Acq: 12 Jul 2019 15:49

Tgt Ion: 75 Resp: 2740
 Ion Ratio Lower Upper
 75 100
 77 38.3 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.432 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033223.D

Acq: 12 Jul 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

DB8X4

Tgt Ion: 75 Resp: 16358

Ion Ratio Lower Upper

75 100

77 35.0 26.0 39.0

