

Data File : VU029614.D
Acq On : 22 Feb 2019 12:39
Operator : JC/SP
Sample : K1543-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Y2

Quant Time: Feb 22 22:17:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	480619	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	467558	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	150439	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.44%
7) Chloroethane-d5	1.68	69	131923	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.28%
11) 1,1-Dichloroethene-d2	2.27	63	209841	30.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.96%
21) 2-Butanone-d5	4.17	46	254282	118.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.65%
24) Chloroform-d	4.65	84	274181	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	176031	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
32) Benzene-d6	5.34	84	581170	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	179569	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.46%
41) Toluene-d8	7.56	98	554901	46.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.44%
43) trans-1,3-Dichloropropene-	7.85	79	81786	43.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.12%
47) 2-Hexanone-d5	8.31	63	236253	119.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285634	47.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	233517	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%

Target Compounds

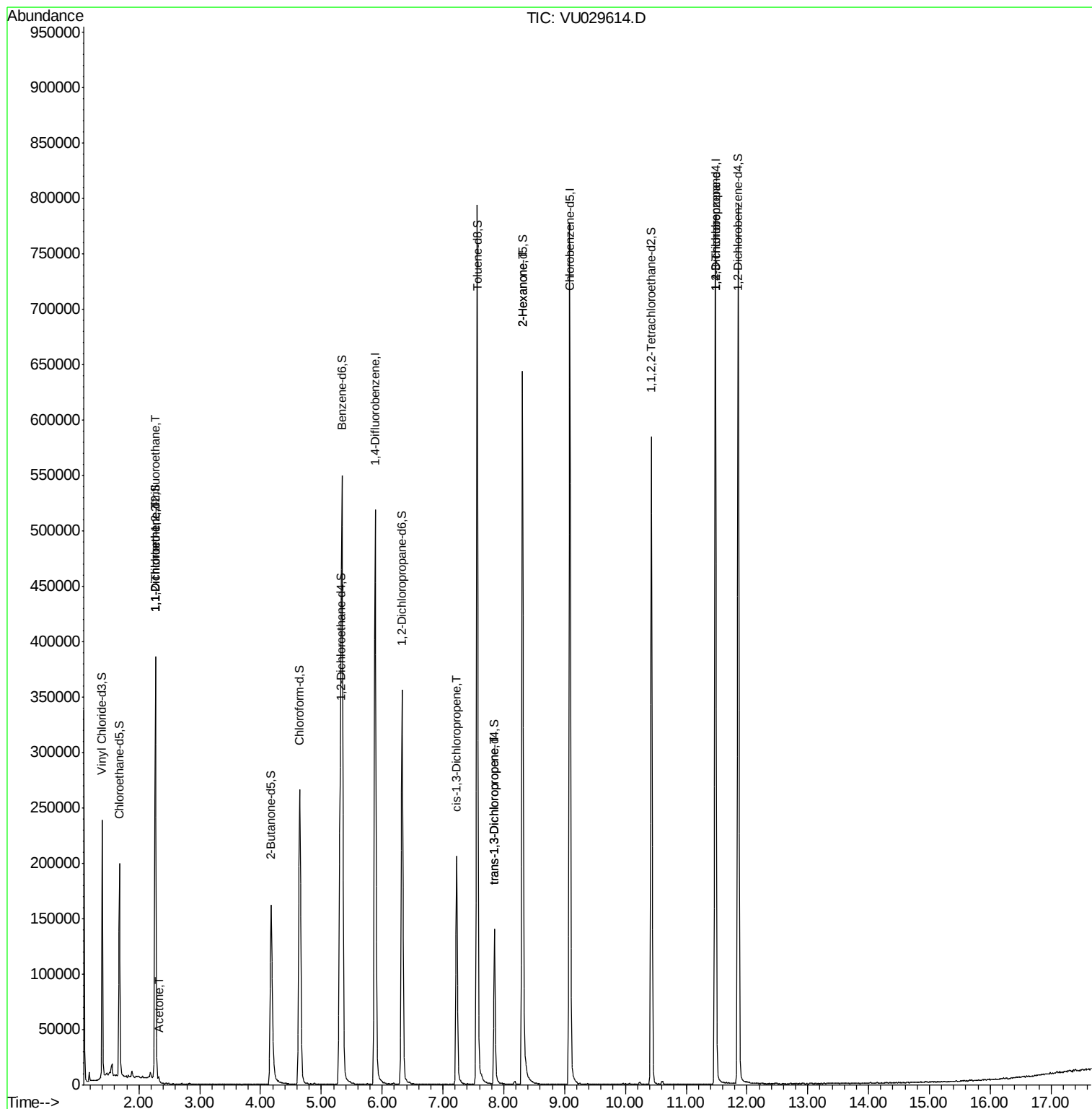
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2047	0.611	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1936	0.608	ug/L #	1
13) Acetone	2.32	43	3138	1.370	ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	4687	0.923	ug/L #	51
44) trans-1,3-Dichloropropene	7.85	75	3295	0.689	ug/L	85
48) 2-Hexanone	8.31	43	24713	6.393	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	21922	4.886	ug/L #	85

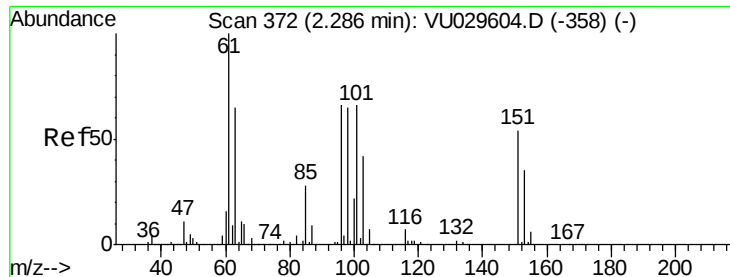
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.611 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Acq: 22 Feb 2019 12:39

Instrument :

MSVOA_U

ClientSampled :

BF5Y2

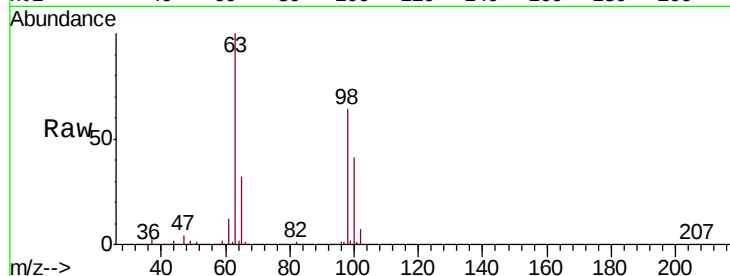
Tgt Ion: 101 Resp: 2047

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

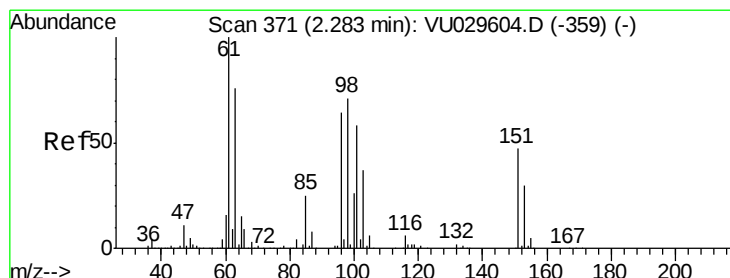
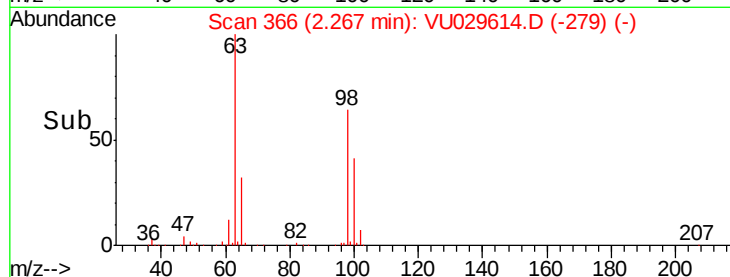
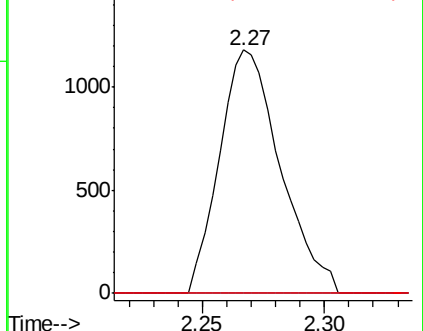
151 0.0 65.7 98.5#



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: 0.608 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029614.D

Acq: 22 Feb 2019 12:39

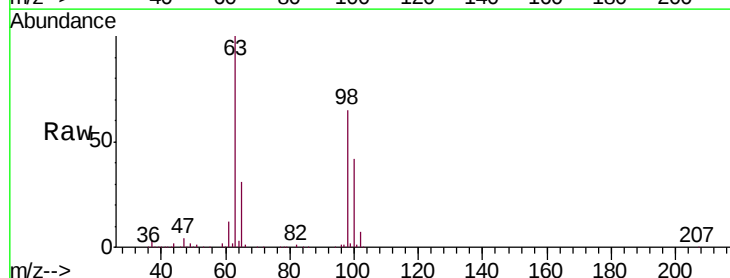
Tgt Ion: 96 Resp: 1936

Ion Ratio Lower Upper

96 100

61 1293.8 114.0 211.8#

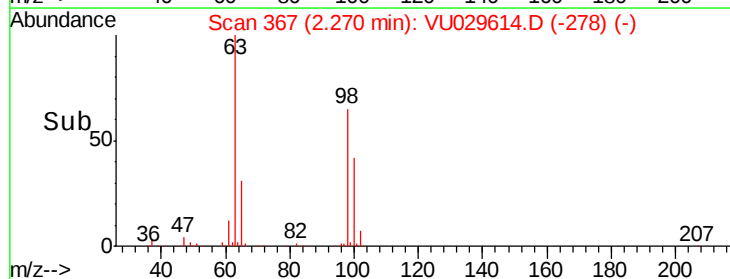
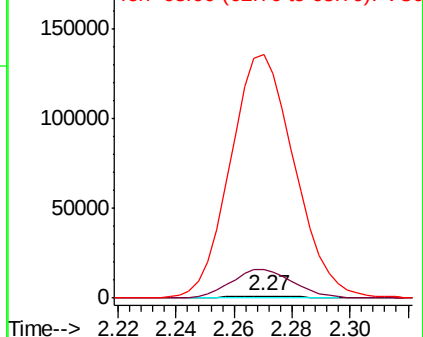
63 11114.7 98.7 183.3#

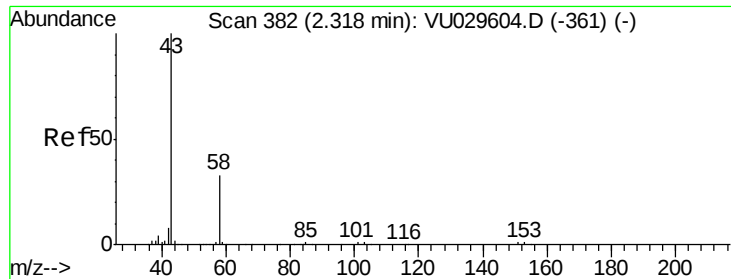


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.370 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

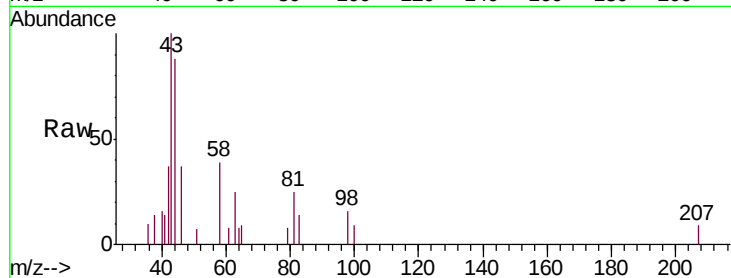
BF5Y2

Tgt Ion: 43 Resp: 3138

Ion Ratio Lower Upper

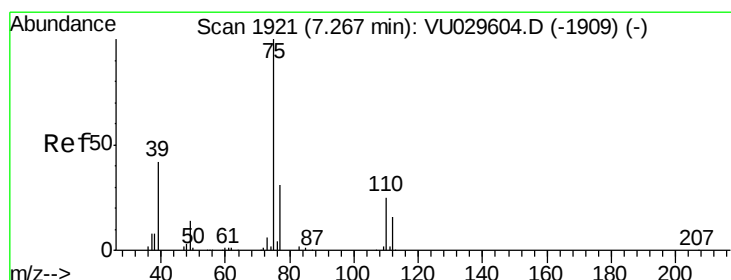
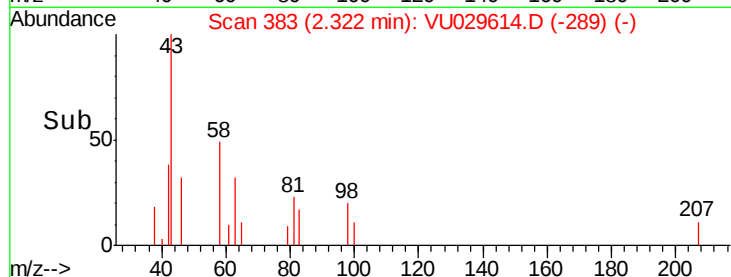
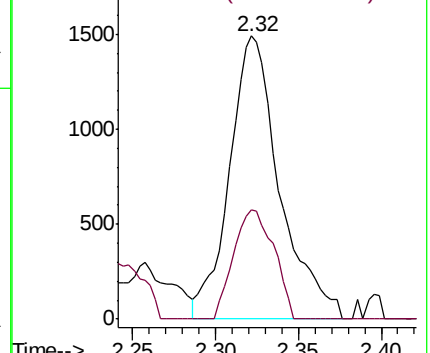
43 100

58 31.0 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029614.D

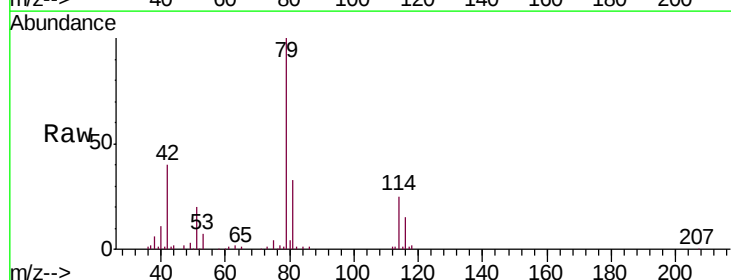
Acq: 22 Feb 2019 12:39

Tgt Ion: 75 Resp: 4687

Ion Ratio Lower Upper

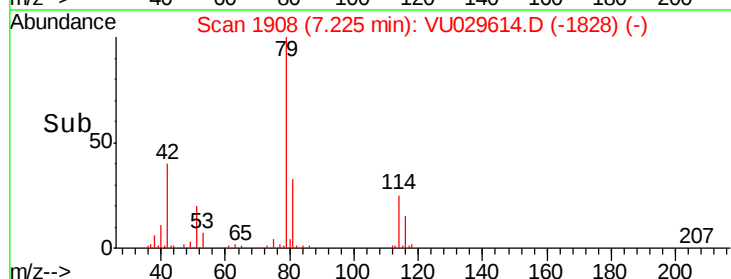
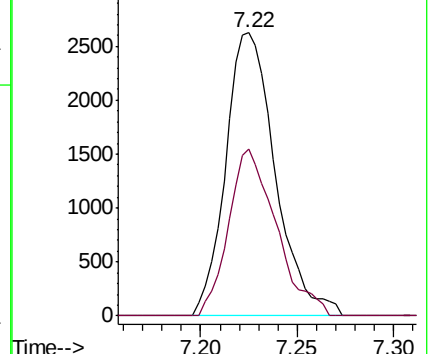
75 100

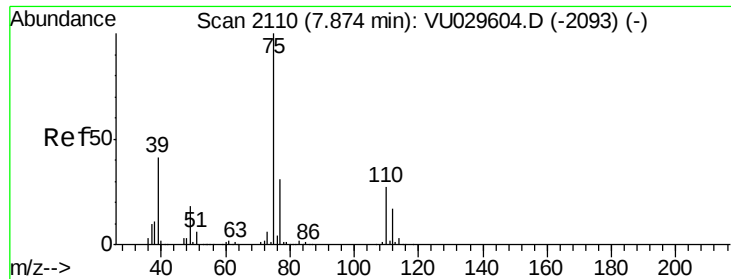
77 59.2 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

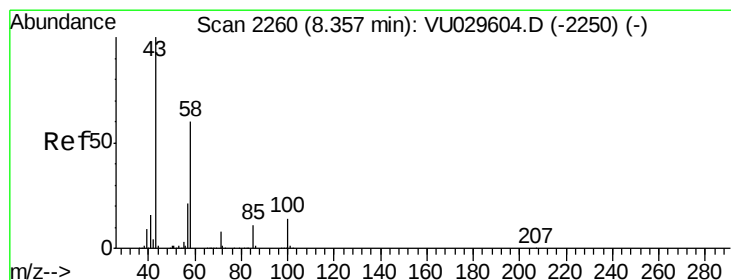
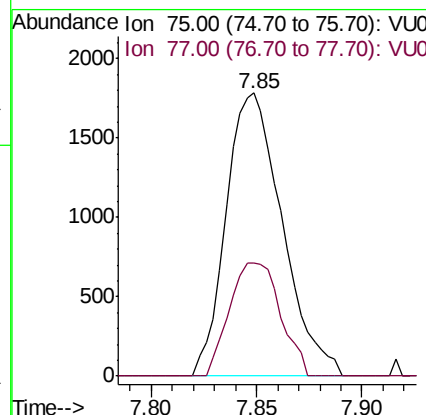
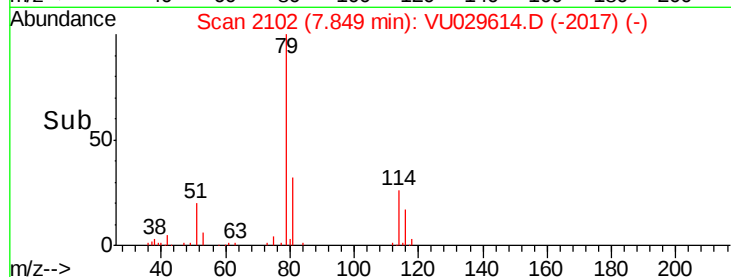
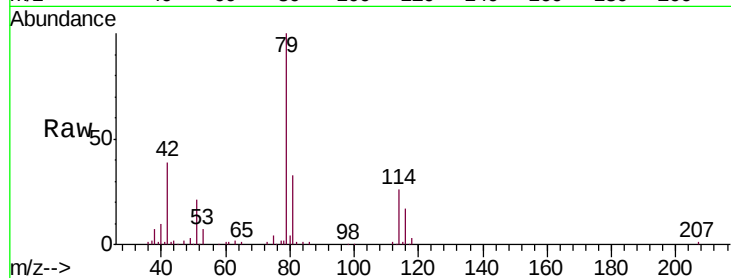




#44
trans-1,3-Dichloropropene
Concen: 0.689 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029614.D
Acq: 22 Feb 2019 12:39

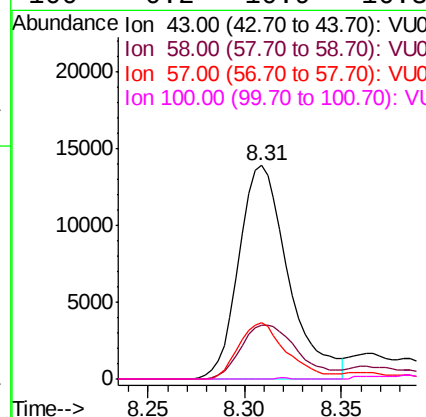
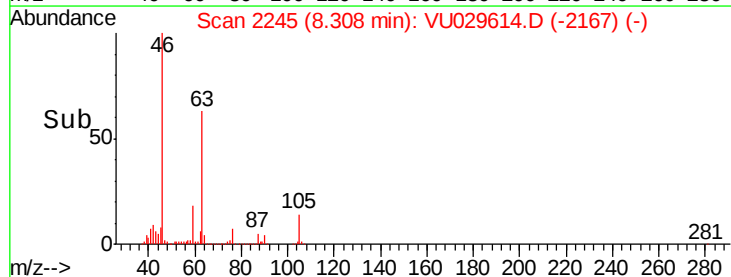
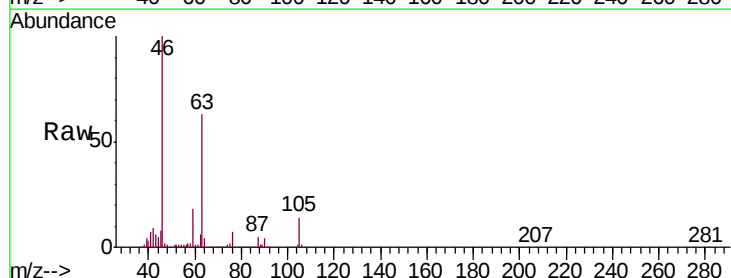
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MSVOA_U
ClientSampleId :
BF5Y2

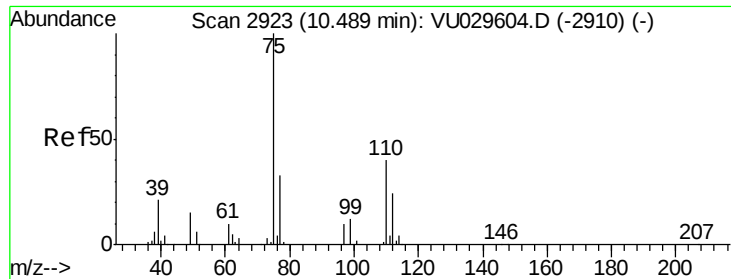
Tgt Ion: 75 Resp: 3295
Ion Ratio Lower Upper
75 100
77 39.9 22.1 41.1



#48
2-Hexanone
Concen: 6.393 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029614.D
Acq: 22 Feb 2019 12:39

Tgt Ion: 43 Resp: 24713
Ion Ratio Lower Upper
43 100
58 28.9 46.4 69.6#
57 25.3 15.7 23.5#
100 0.2 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 4.886 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029614.D

Acq: 22 Feb 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

BF5Y2

Tgt Ion: 75 Resp: 21922

Ion Ratio Lower Upper

75 100

77 40.5 25.7 38.5#

