

Data File : VU029855.D
Acq On : 07 Mar 2019 16:19
Operator : JC/SP
Sample : VU0309WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK50

Quant Time: Mar 08 04:34:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474061	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	462805	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	170374	49.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.10%
7) Chloroethane-d5	1.68	69	138972	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.27	63	235435	34.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.34%
21) 2-Butanone-d5	4.17	46	223645	105.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.79%
24) Chloroform-d	4.64	84	280707	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.31	65	178033	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
32) Benzene-d6	5.34	84	630017	54.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.33	67	190840	54.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.94%
41) Toluene-d8	7.56	98	587551	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%
43) trans-1,3-Dichloropropene-	7.85	79	86284	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.86%
47) 2-Hexanone-d5	8.31	63	181715	93.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281793	47.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	236072	50.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.06%

Target Compounds

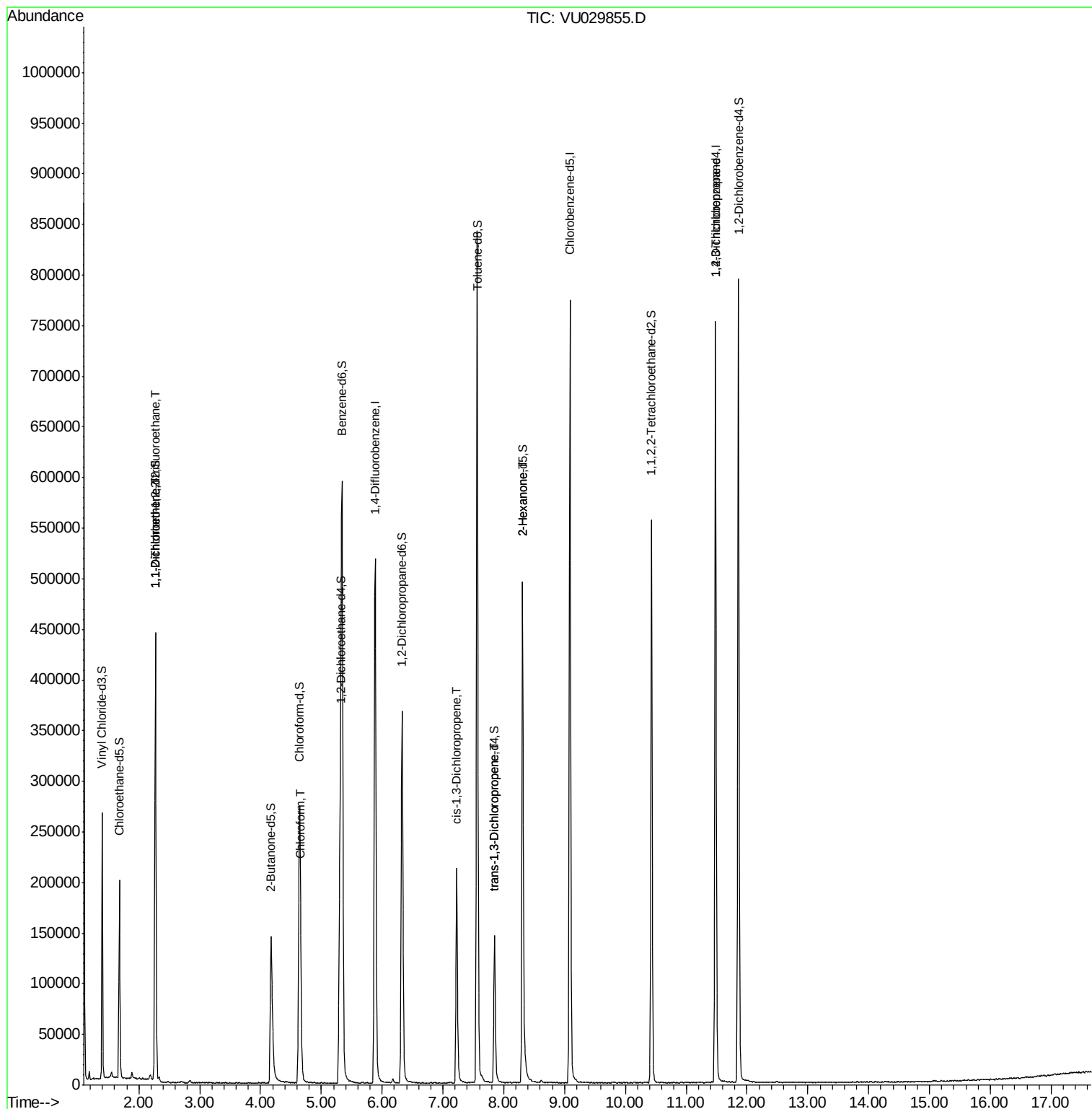
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2706	0.819	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2130	0.678	ug/L #	1
25) Chloroform	4.67	83	9075	1.623	ug/L	83
39) cis-1,3-Dichloropropene	7.22	75	5017	0.998	ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	3432	0.725	ug/L #	78
48) 2-Hexanone	8.31	43	18613	4.864	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	22021	4.958	ug/L	93

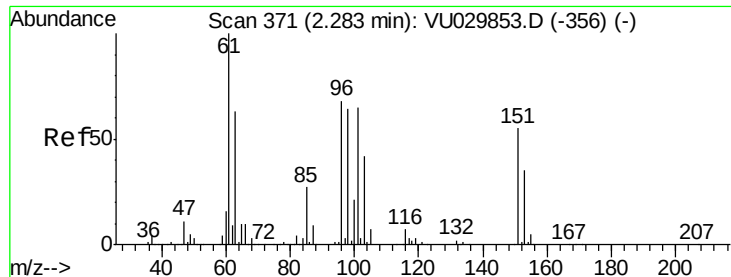
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.819 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029855.D

Acq: 07 Mar 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

VBLK50

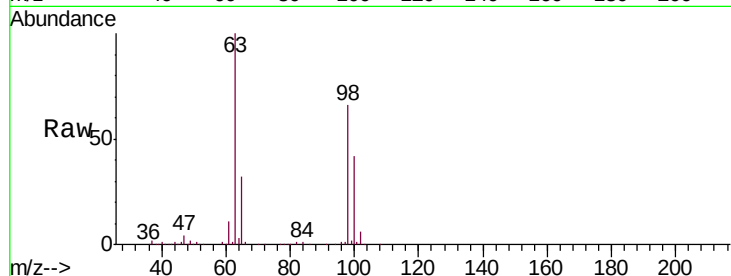
Tgt Ion: 101 Resp: 2706

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

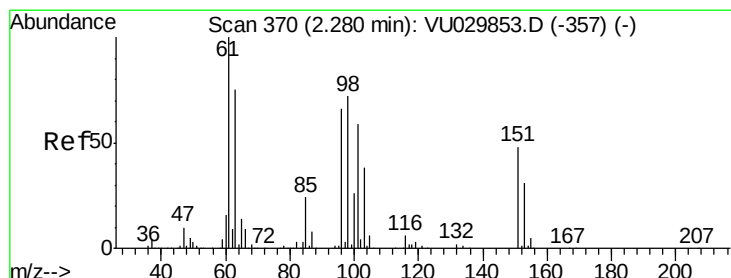
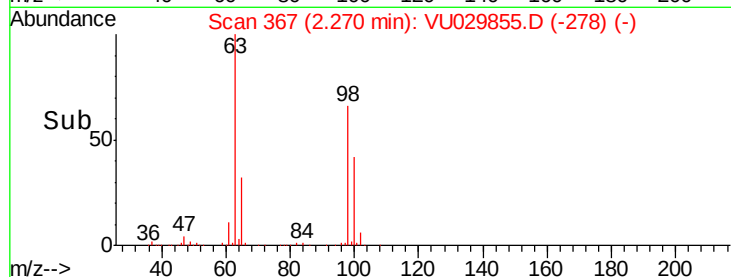
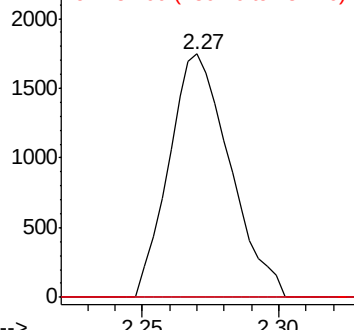
151 0.0 65.7 98.5#



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: 0.678 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029855.D

Acq: 07 Mar 2019 16:19

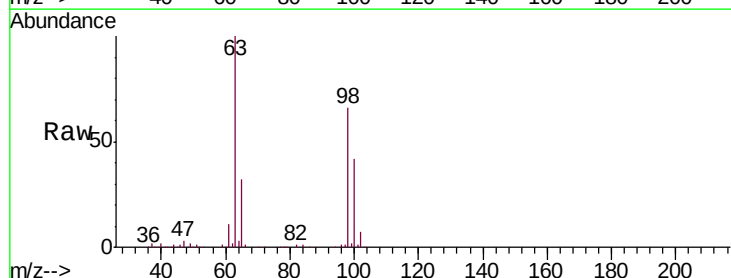
Tgt Ion: 96 Resp: 2130

Ion Ratio Lower Upper

96 100

61 1190.2 114.0 211.8#

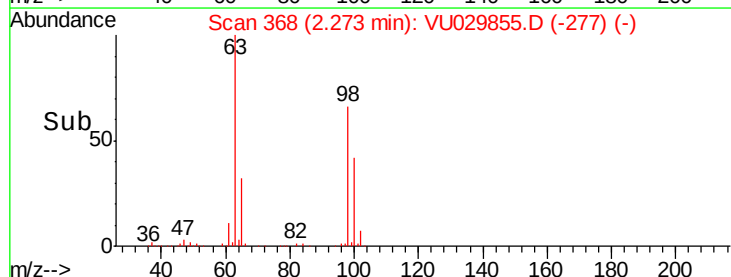
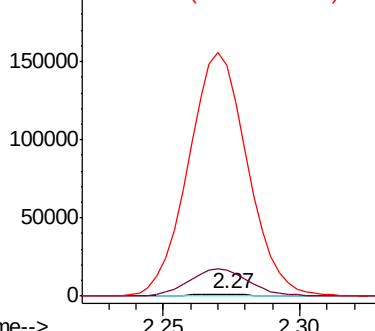
63 10564.1 98.7 183.3#

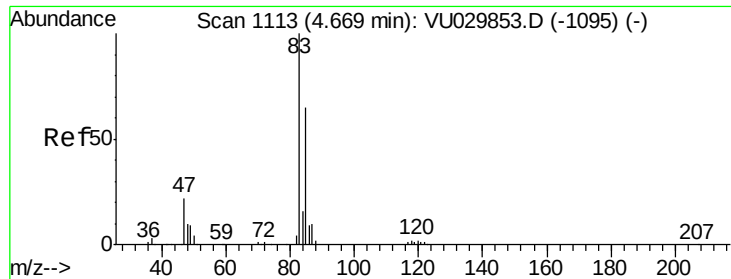


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

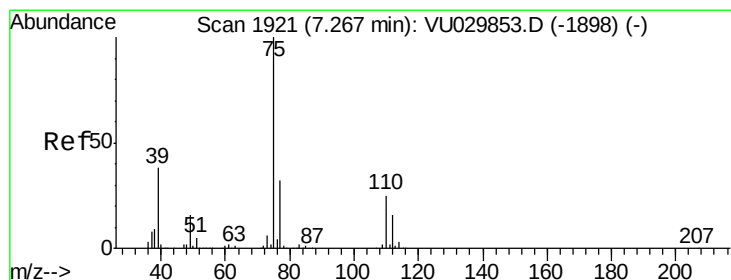
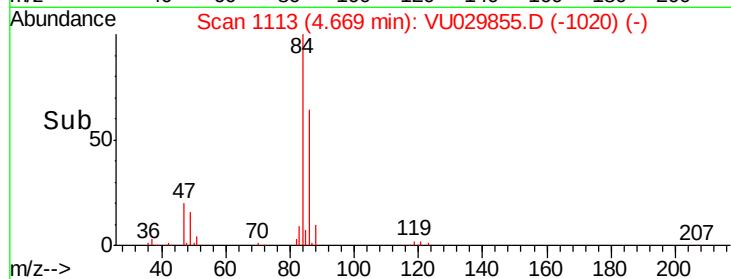
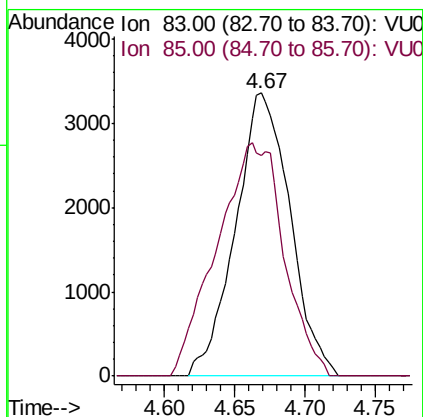
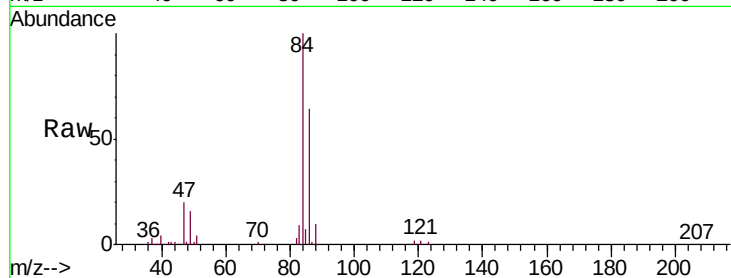




#25
Chloroform
Concen: 1.623 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029855.D
Acq: 07 Mar 2019 16:19

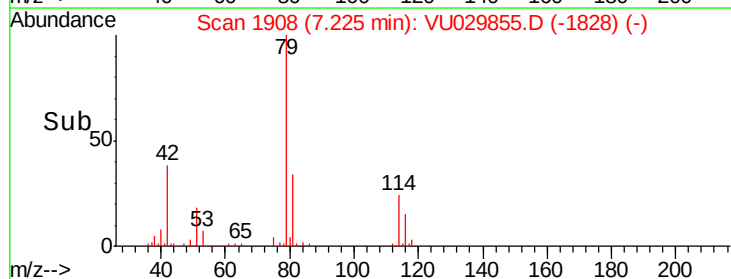
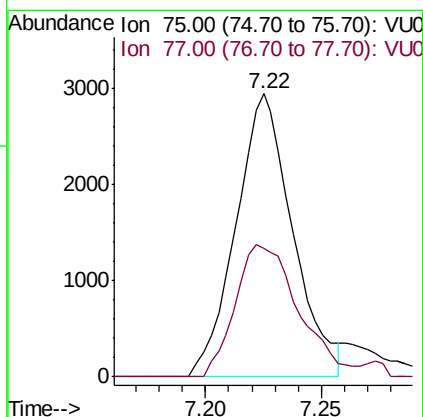
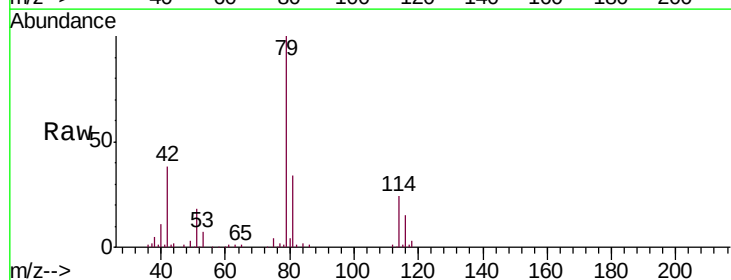
Instrument :
MSVOA_U
ClientSampleId :
VBLK50

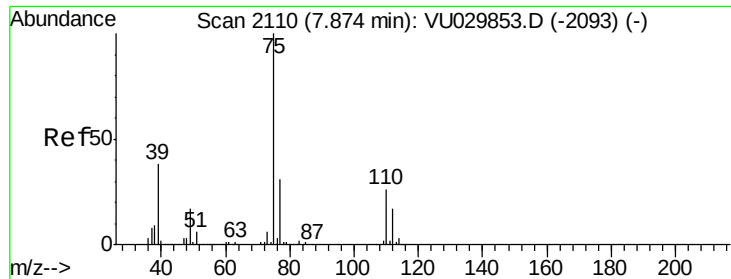
Tgt Ion: 83 Resp: 9075
Ion Ratio Lower Upper
83 100
85 78.1 45.4 84.2



#39
cis-1,3-Dichloropropene
Concen: 0.998 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029855.D
Acq: 07 Mar 2019 16:19

Tgt Ion: 75 Resp: 5017
Ion Ratio Lower Upper
75 100
77 45.4 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029855.D

Acq: 07 Mar 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

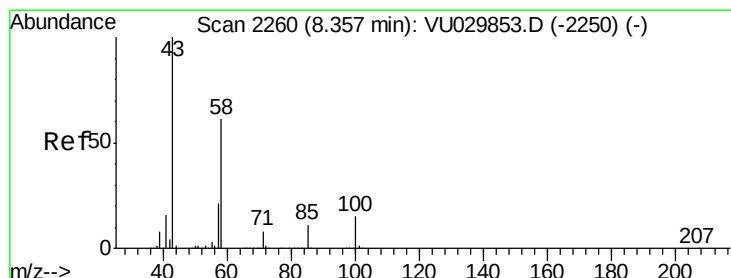
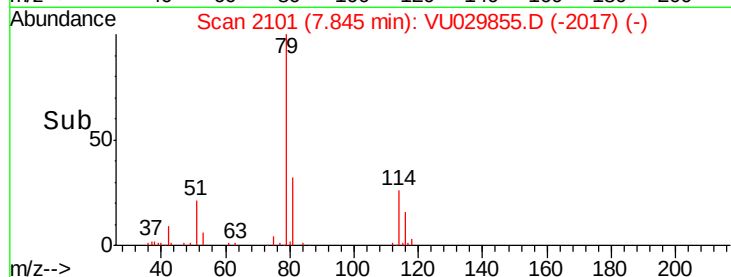
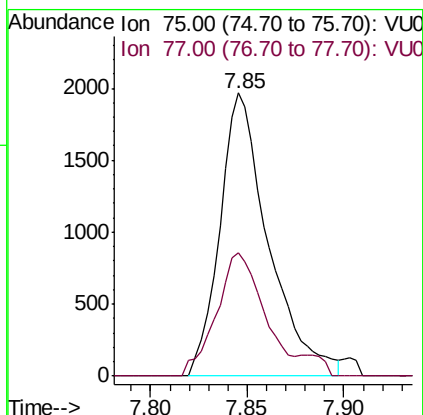
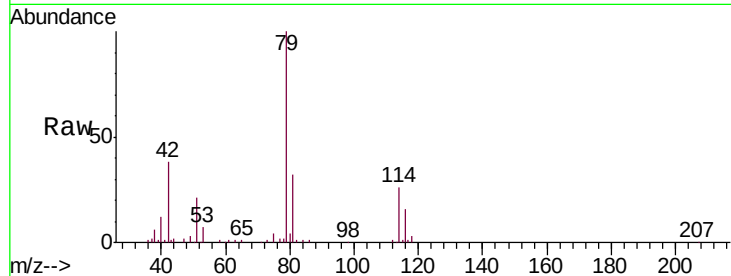
VBLK50

Tgt Ion: 75 Resp: 3432

Ion Ratio Lower Upper

75 100

77 43.7 22.1 41.1#



#48

2-Hexanone

Concen: 4.864 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU029855.D

Acq: 07 Mar 2019 16:19

Tgt Ion: 43 Resp: 18613

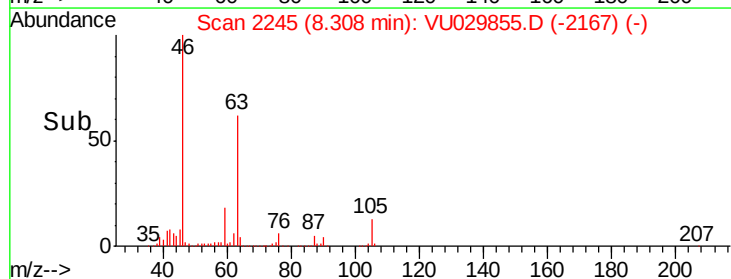
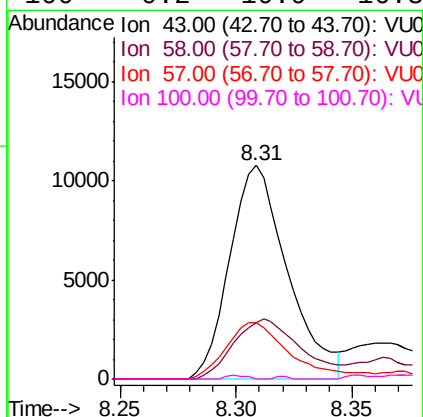
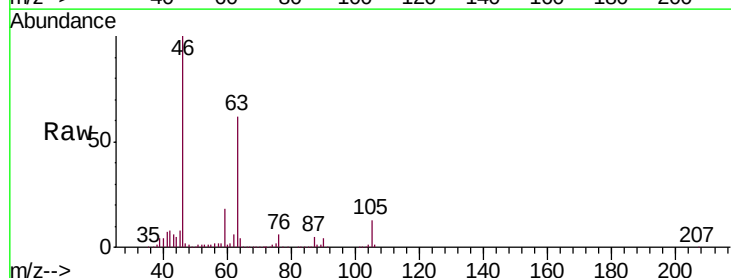
Ion Ratio Lower Upper

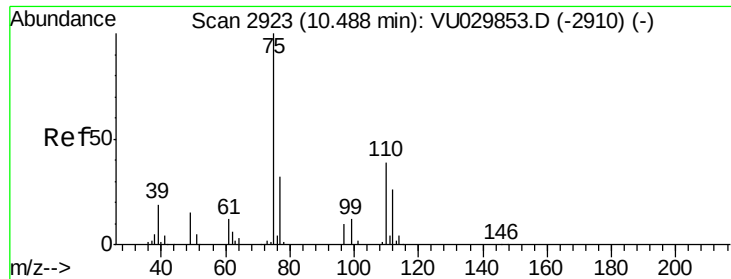
43 100

58 32.9 46.4 69.6#

57 28.7 15.7 23.5#

100 0.2 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 4.958 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029855.D

Acq: 07 Mar 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

VBLK50

Tgt Ion: 75 Resp: 22021

Ion Ratio Lower Upper

75 100

77 35.9 25.7 38.5

