

Data File : VU029803.D
Acq On : 04 Mar 2019 23:04
Operator : JC/SP
Sample : K1721-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF8C5

Quant Time: Mar 05 01:33:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	481537	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	469876	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138340	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.42%
7) Chloroethane-d5	1.68	69	115734	36.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.78%
11) 1,1-Dichloroethene-d2	2.27	63	193967	28.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.24%#
21) 2-Butanone-d5	4.17	46	193687	90.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.20%
24) Chloroform-d	4.64	84	237562	41.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.02%
26) 1,2-Dichloroethane-d4	5.31	65	151055	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.38%
32) Benzene-d6	5.34	84	523493	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
36) 1,2-Dichloropropane-d6	6.33	67	156416	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.94%
41) Toluene-d8	7.56	98	489591	40.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.16%
43) trans-1,3-Dichloropropene-	7.85	79	71034	37.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.30%
47) 2-Hexanone-d5	8.31	63	161213	81.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	236612	39.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	200071	40.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.34%

Target Compounds

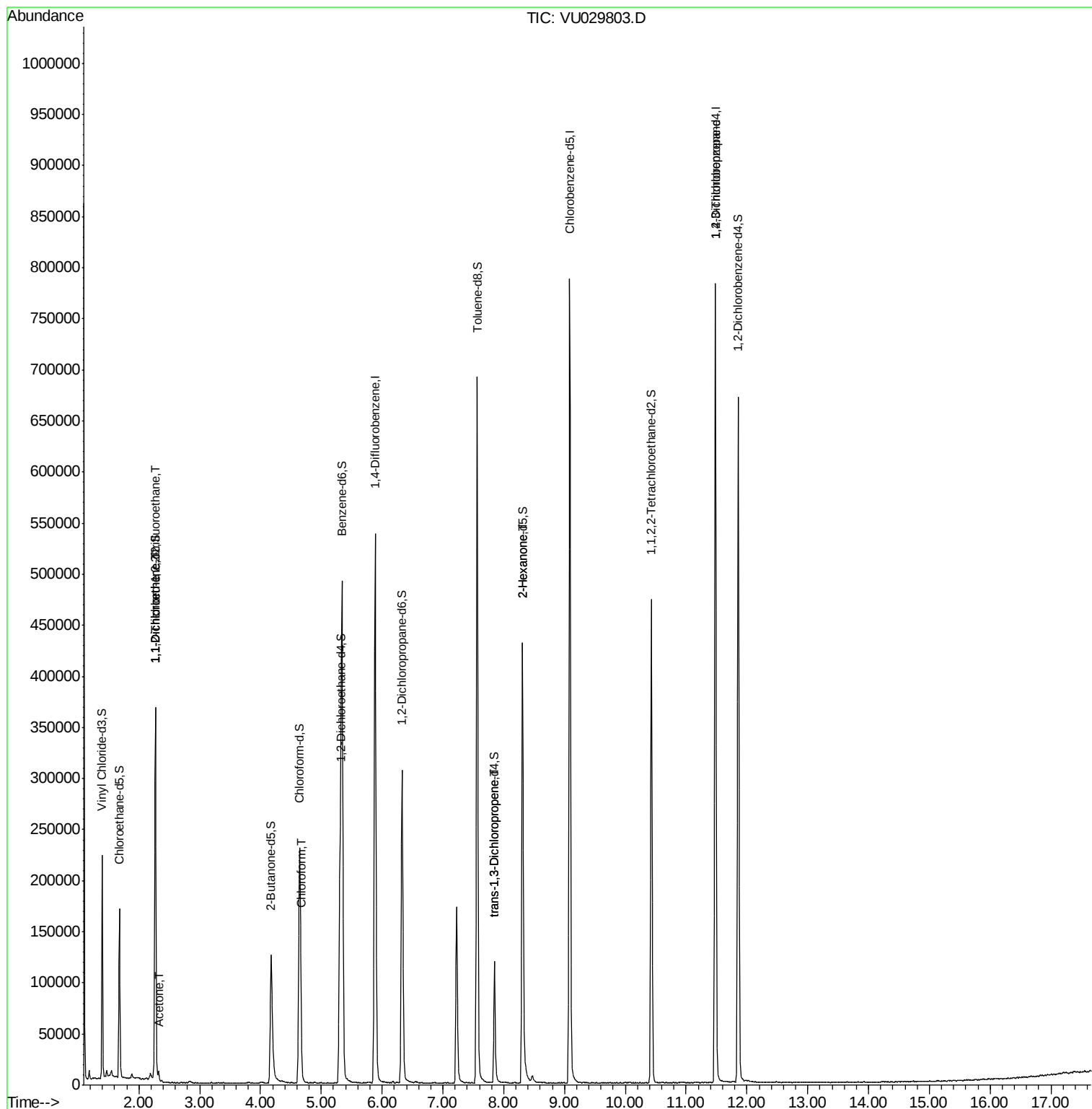
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2139	0.638 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1858	0.583 ug/L #	1
13) Acetone	2.32	43	8607	3.751 ug/L	93
25) Chloroform	4.67	83	4594	0.809 ug/L	80
44) trans-1,3-Dichloropropene	7.85	75	2819	0.586 ug/L	95
48) 2-Hexanone	8.31	43	16846	4.336 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	22639	5.021 ug/L	91

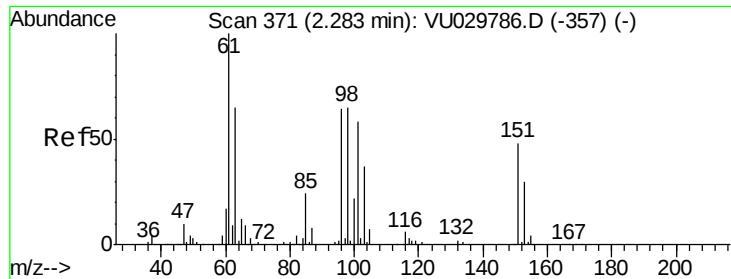
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.638 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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ClientSampleId :

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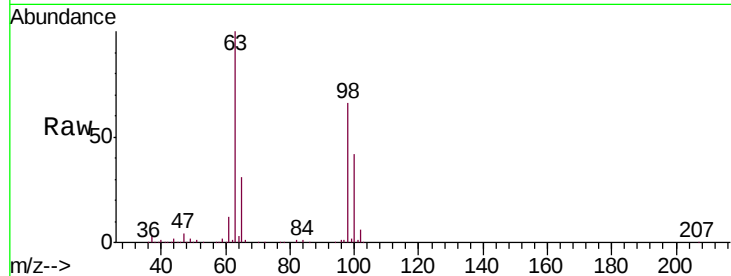
Tgt Ion: 101 Resp: 2139

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

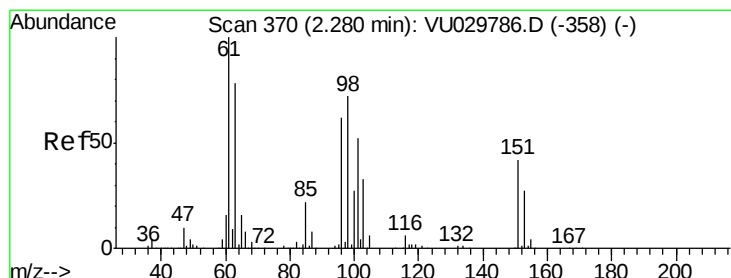
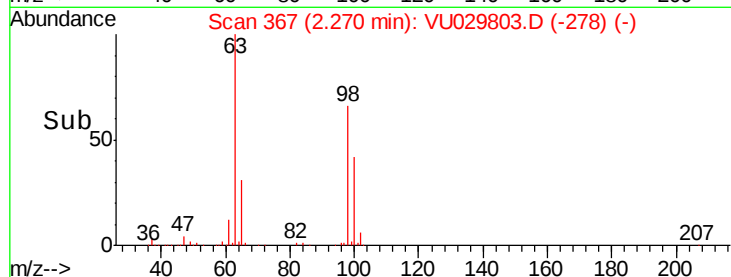
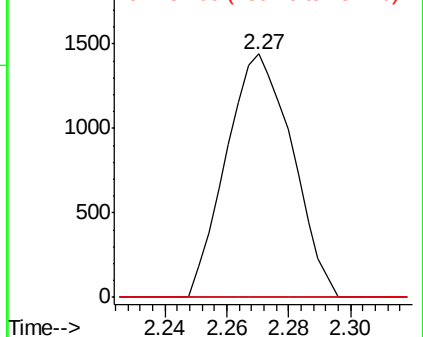
151 0.0 65.7 98.5#



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: 0.583 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU029803.D

Acq: 04 Mar 2019 23:04

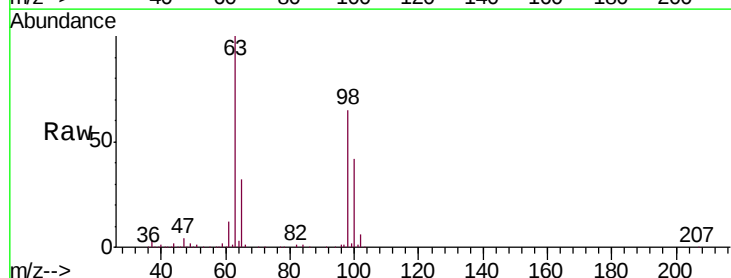
Tgt Ion: 96 Resp: 1858

Ion Ratio Lower Upper

96 100

61 1197.6 114.0 211.8#

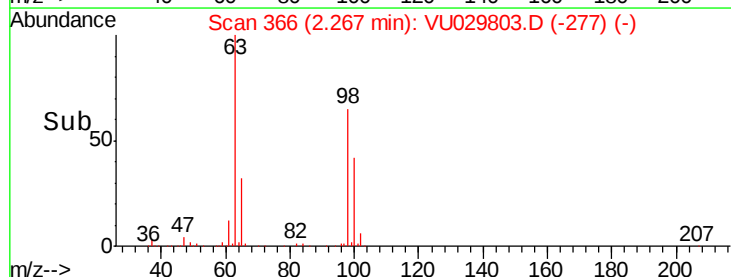
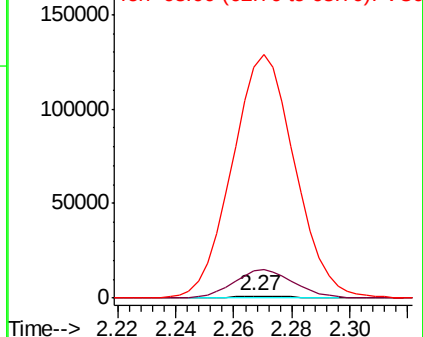
63 10370.1 98.7 183.3#

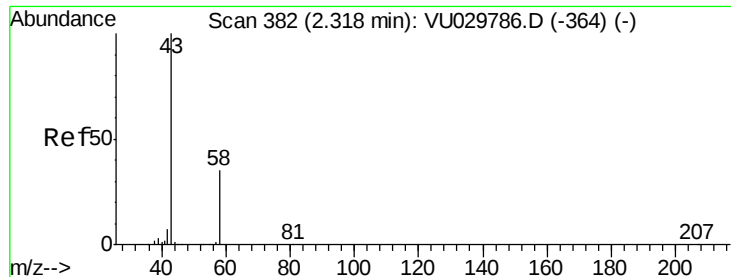


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.751 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029803.D

Acq: 04 Mar 2019 23:04

Instrument :

MSVOA_U

ClientSampled :

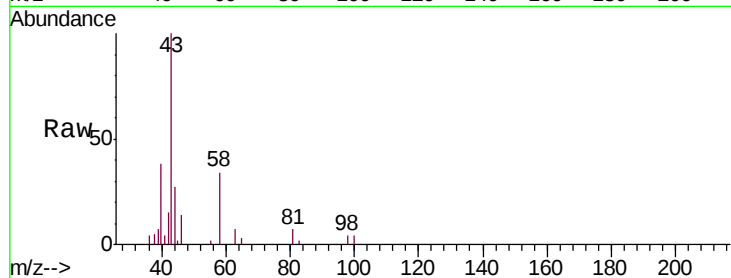
BF8C5

Tgt Ion: 43 Resp: 8607

Ion Ratio Lower Upper

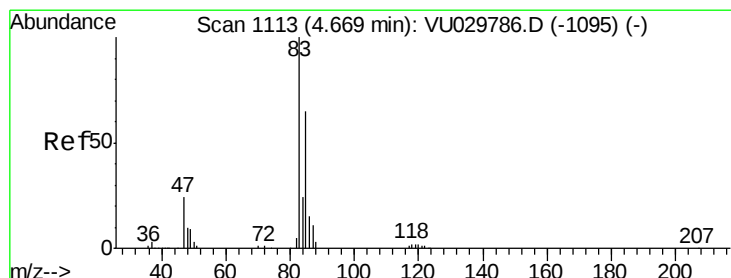
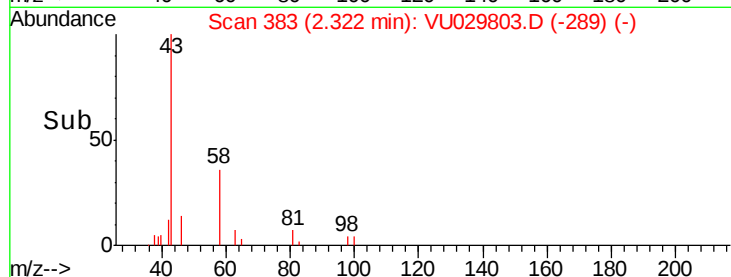
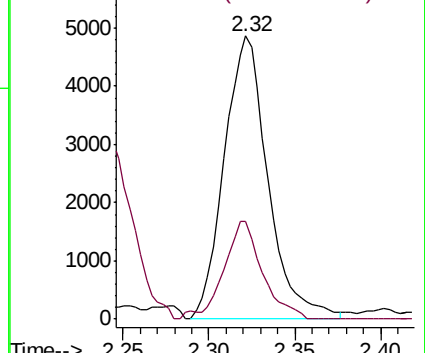
43 100

58 29.4 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029786.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU029786.D (-364) (-)



#25

Chloroform

Concen: 0.809 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029803.D

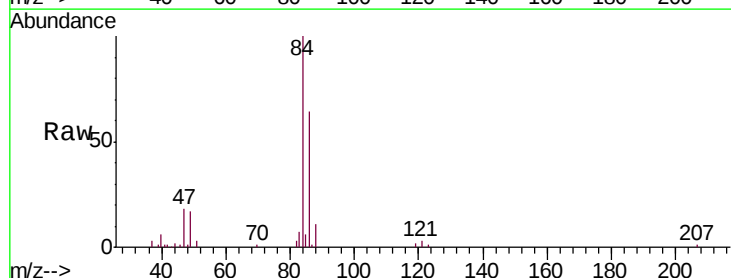
Acq: 04 Mar 2019 23:04

Tgt Ion: 83 Resp: 4594

Ion Ratio Lower Upper

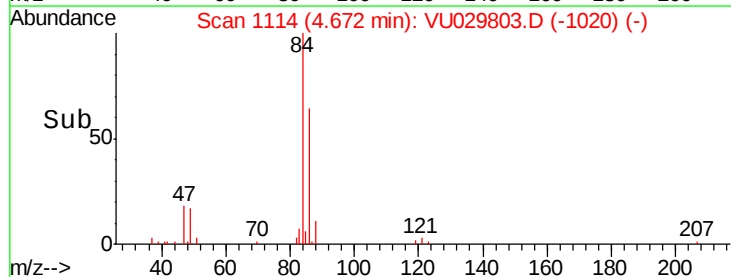
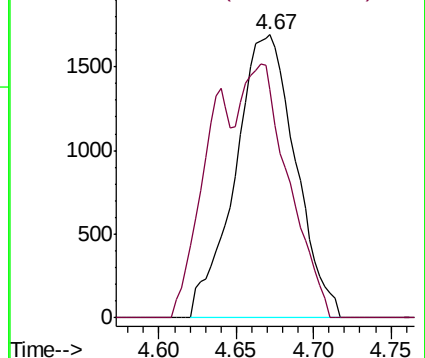
83 100

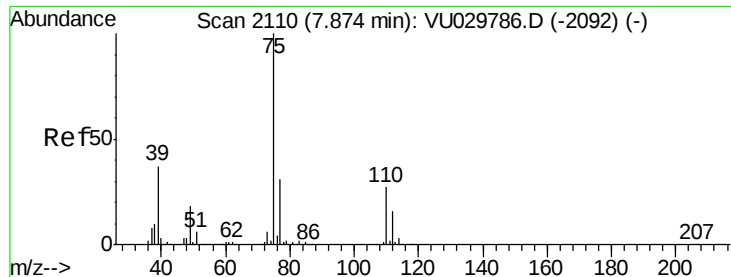
85 80.7 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU029786.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU029786.D (-1095) (-)

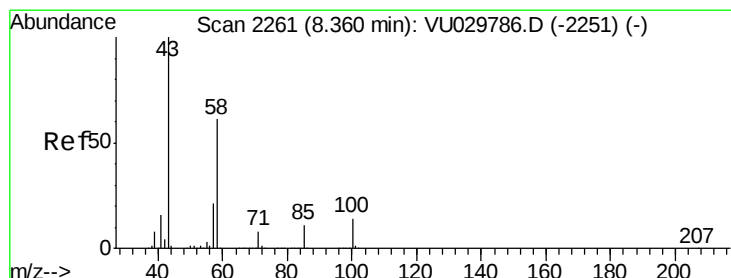
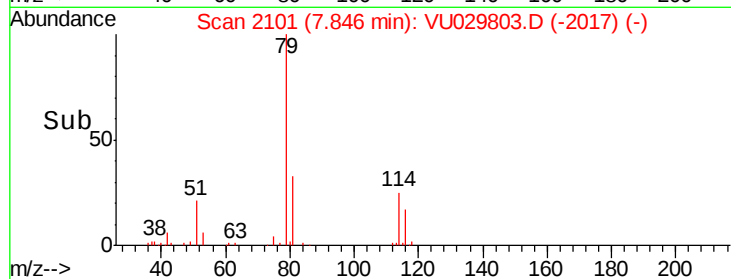
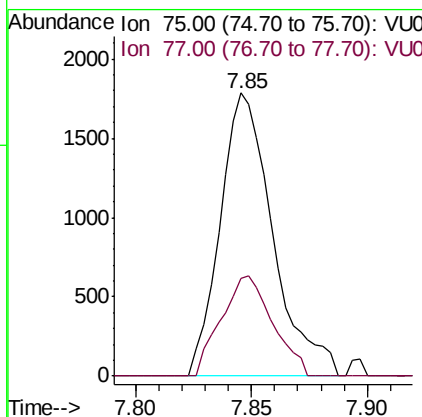
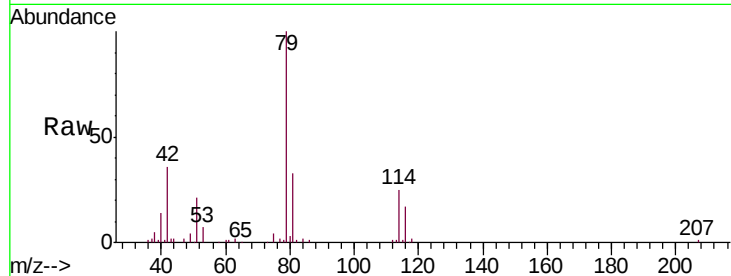




#44
 trans-1,3-Dichloropropene
 Concen: 0.586 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU029803.D
 Acq: 04 Mar 2019 23:04

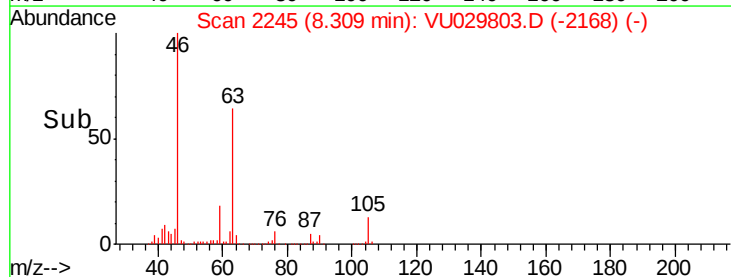
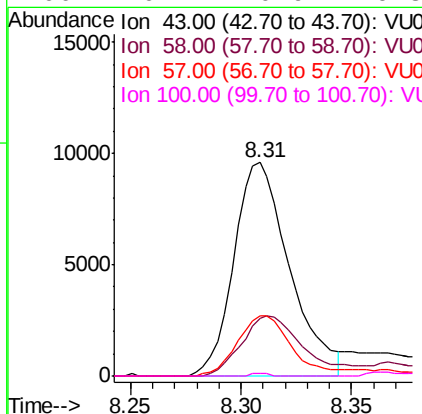
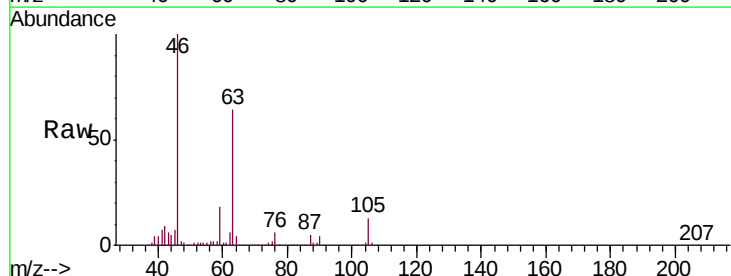
Instrument :
 MSVOA_U
 ClientSampleId :
 BF8C5

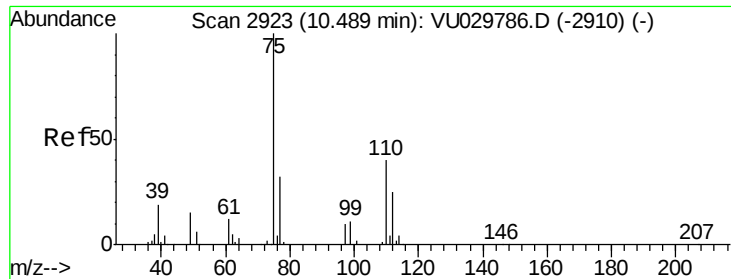
Tgt Ion: 75 Resp: 2819
 Ion Ratio Lower Upper
 75 100
 77 34.5 22.1 41.1



#48
 2-Hexanone
 Concen: 4.336 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029803.D
 Acq: 04 Mar 2019 23:04

Tgt Ion: 43 Resp: 16846
 Ion Ratio Lower Upper
 43 100
 58 32.3 46.4 69.6#
 57 27.6 15.7 23.5#
 100 0.4 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 5.021 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029803.D

Acq: 04 Mar 2019 23:04

Instrument :

MSVOA_U

ClientSampleId :

BF8C5

Tgt Ion: 75 Resp: 22639

Ion Ratio Lower Upper

75 100

77 37.0 25.7 38.5

