

Data File : VU031141.D
Acq On : 12 Apr 2019 20:08
Operator : JC/SP
Sample : K2409-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC69

Quant Time: Apr 13 01:06:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	501699	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	494887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	197465	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.18%
7) Chloroethane-d5	1.68	69	154867	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.12%
11) 1,1-Dichloroethene-d2	2.26	63	266658	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.84%
21) 2-Butanone-d5	4.17	46	306995	86.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.49%
24) Chloroform-d	4.64	84	313686	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
26) 1,2-Dichloroethane-d4	5.30	65	213440	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
32) Benzene-d6	5.33	84	649819	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
36) 1,2-Dichloropropane-d6	6.32	67	221176	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.34%
41) Toluene-d8	7.56	98	549610	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%
43) trans-1,3-Dichloropropene-	7.85	79	93861	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.14%
47) 2-Hexanone-d5	8.31	63	168466	74.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296073	44.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	194531	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

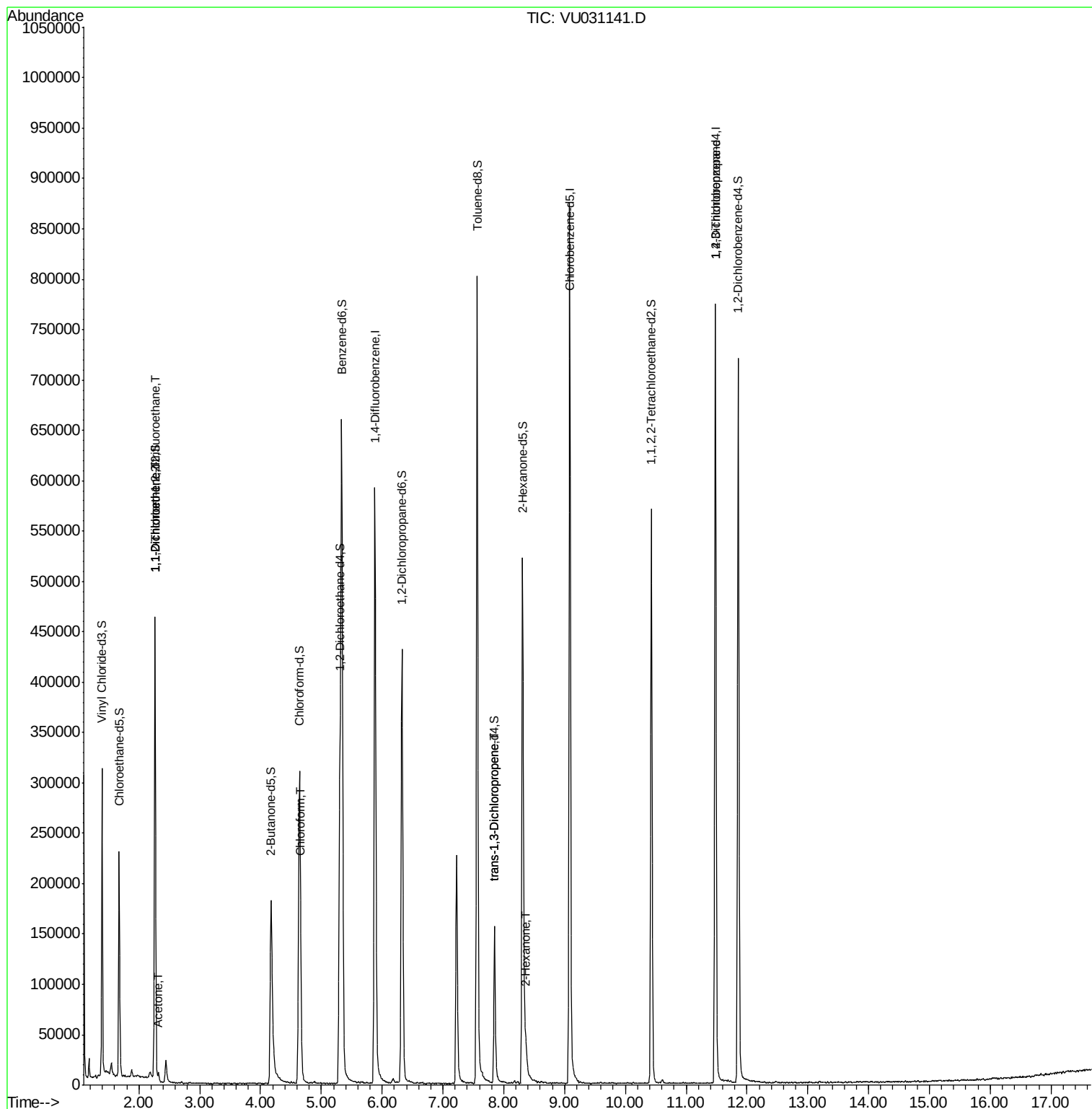
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2108	0.587 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2433	0.702 ug/L #	1
13) Acetone	2.32	43	5701	1.570 ug/L	85
25) Chloroform	4.67	83	14188	1.858 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3462	0.602 ug/L #	67
48) 2-Hexanone	8.37	43	13841	2.406 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	24158	4.399 ug/L #	88

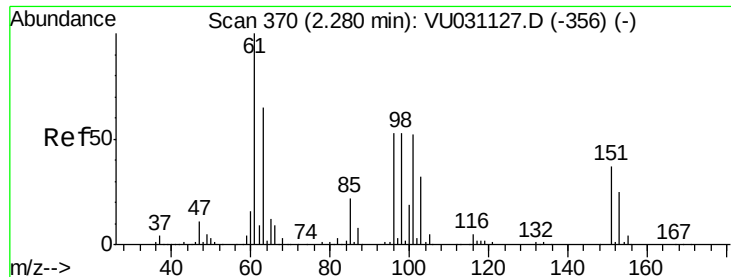
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.587 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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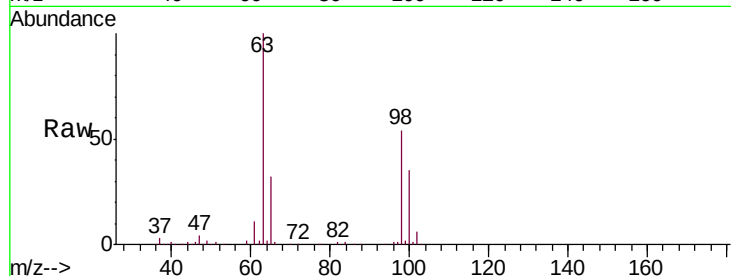
Tgt Ion: 101 Resp: 2108

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

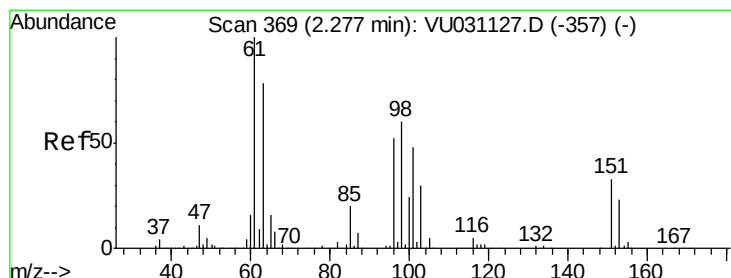
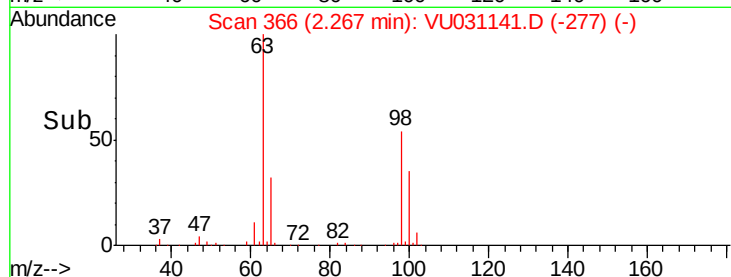
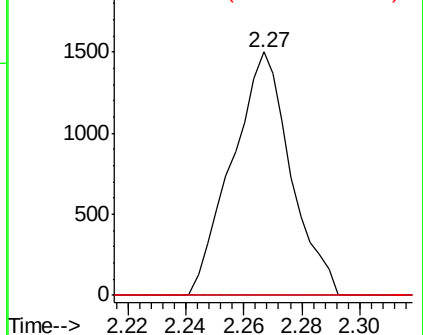
151 0.0 57.4 86.0#



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: 0.702 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031141.D

Acq: 12 Apr 2019 20:08

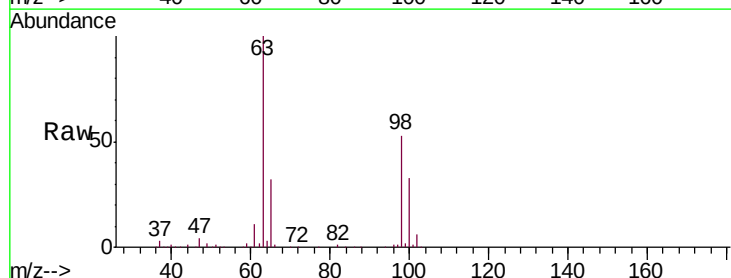
Tgt Ion: 96 Resp: 2433

Ion Ratio Lower Upper

96 100

61 1254.5 132.0 245.2#

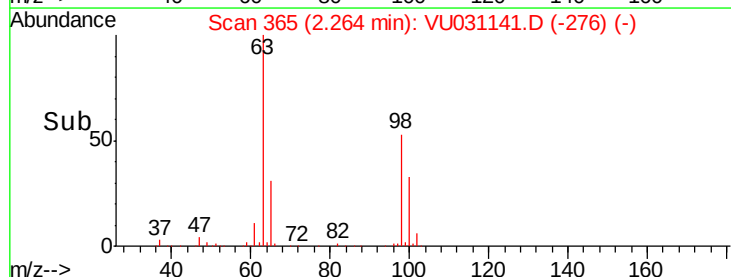
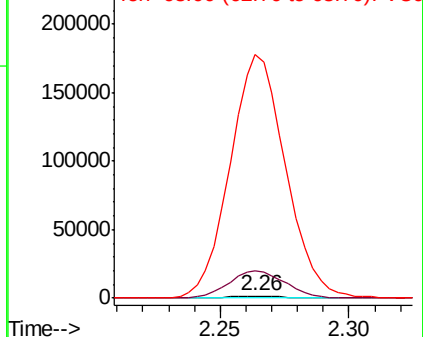
63 11164.8 90.9 168.9#

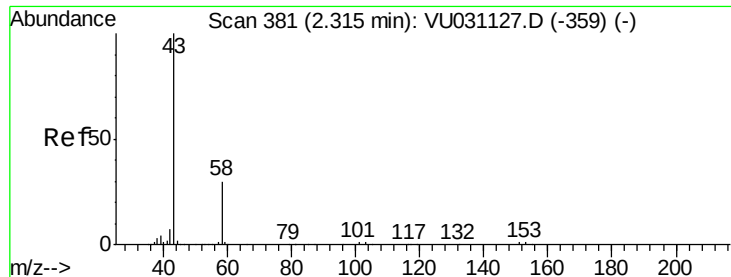


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.570 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

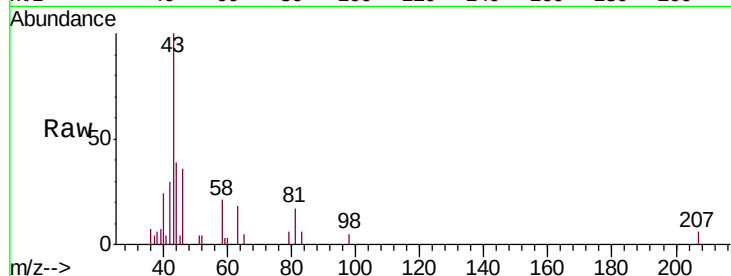
BFC69

Tgt Ion: 43 Resp: 5701

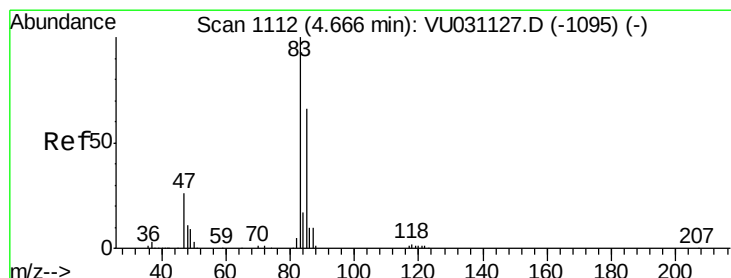
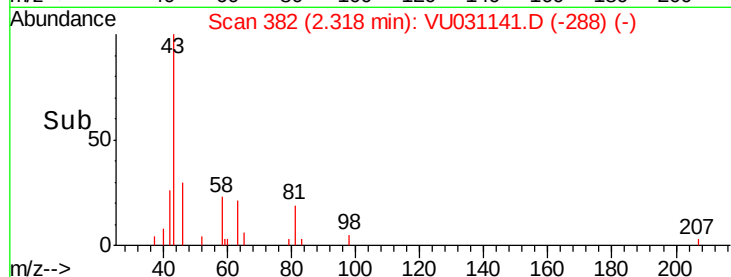
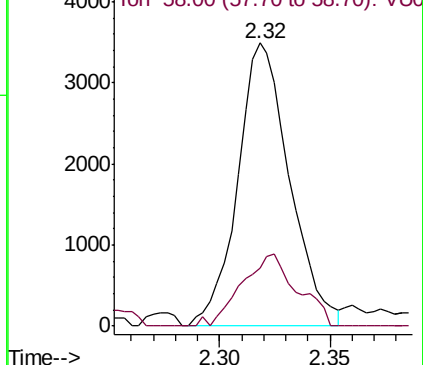
Ion Ratio Lower Upper

43 100

58 23.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031127.D (-359) (-)



#25

Chloroform

Concen: 1.858 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031141.D

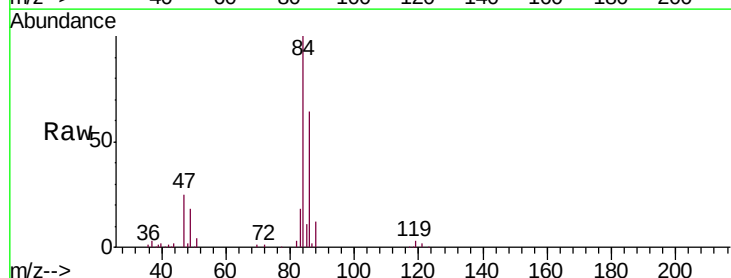
Acq: 12 Apr 2019 20:08

Tgt Ion: 83 Resp: 14188

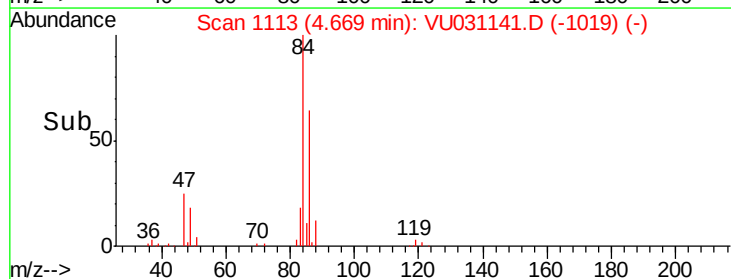
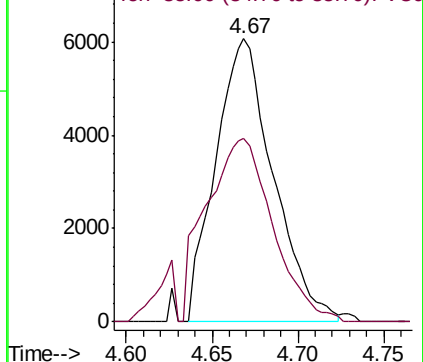
Ion Ratio Lower Upper

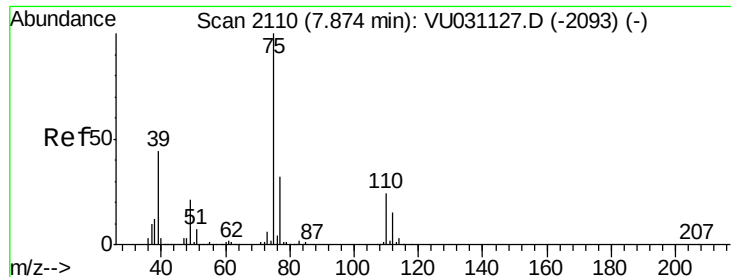
83 100

85 64.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031127.D (-1095) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.602 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031141.D

Acq: 12 Apr 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

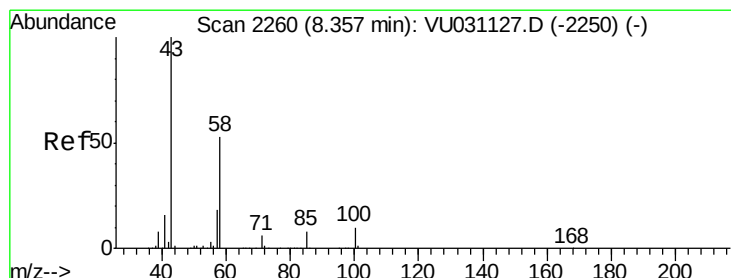
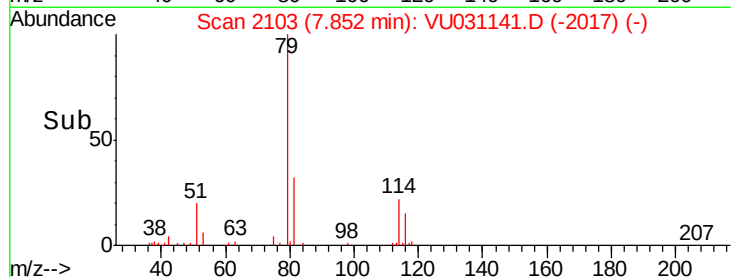
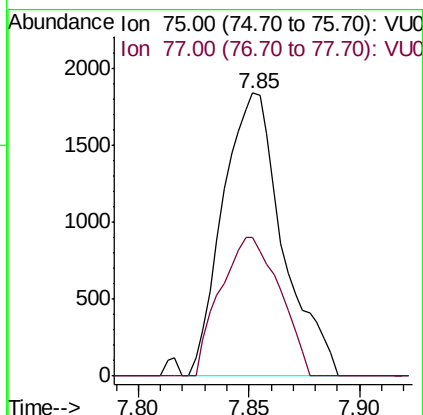
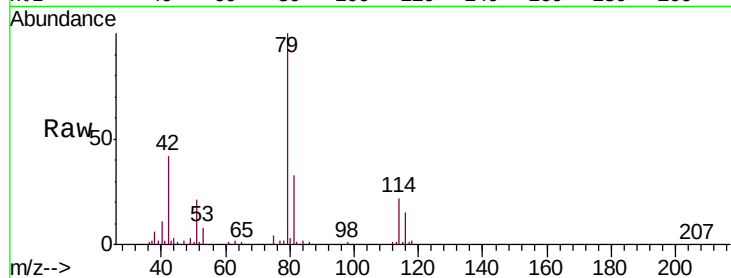
BFC69

Tgt Ion: 75 Resp: 3462

Ion Ratio Lower Upper

75 100

77 48.9 21.6 40.0#



#48

2-Hexanone

Concen: 2.406 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031141.D

Acq: 12 Apr 2019 20:08

Tgt Ion: 43 Resp: 13841

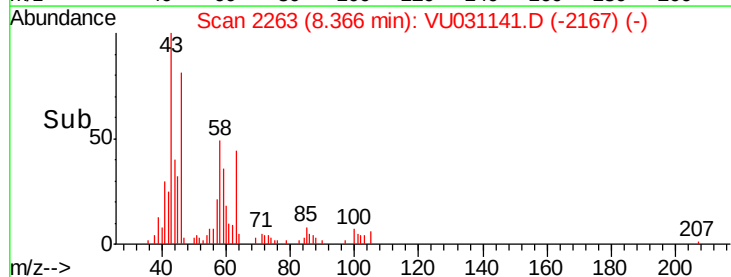
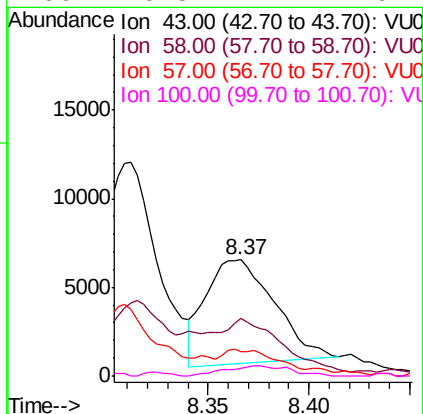
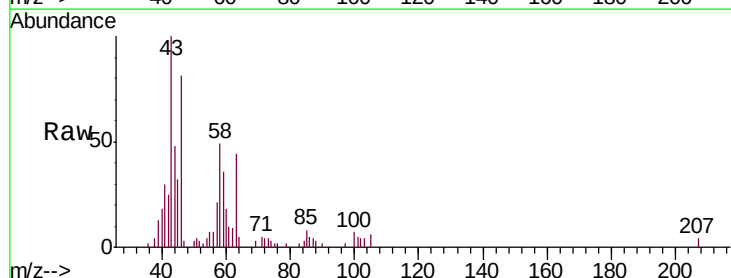
Ion Ratio Lower Upper

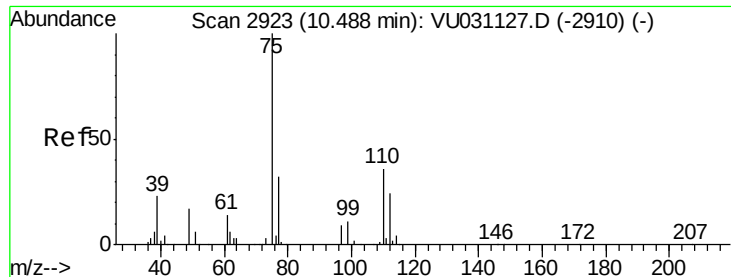
43 100

58 39.4 41.9 62.9#

57 2.9 14.3 21.5#

100 6.8 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.399 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031141.D

Acq: 12 Apr 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

BFC69

Tgt Ion: 75 Resp: 24158

Ion Ratio Lower Upper

75 100

77 39.6 26.1 39.1#

