

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031179.D
 Acq On : 14 Apr 2019 00:25
 Operator : JC/SP
 Sample : K2339-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC47

Quant Time: Apr 14 02:29:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 14 02:24:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460811	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178662	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	190424	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.67	69	151974	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.36%
11) 1,1-Dichloroethene-d2	2.27	63	255540	33.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.30%
21) 2-Butanone-d5	4.17	46	328352	98.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	4.64	84	330612	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	5.30	65	220739	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.33	84	654719	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
36) 1,2-Dichloropropane-d6	6.32	67	220136	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.56	98	551712	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%
43) trans-1,3-Dichloropropene-	7.85	79	93163	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.64%
47) 2-Hexanone-d5	8.31	63	194173	92.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311286	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	192227	54.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.42%

Target Compounds

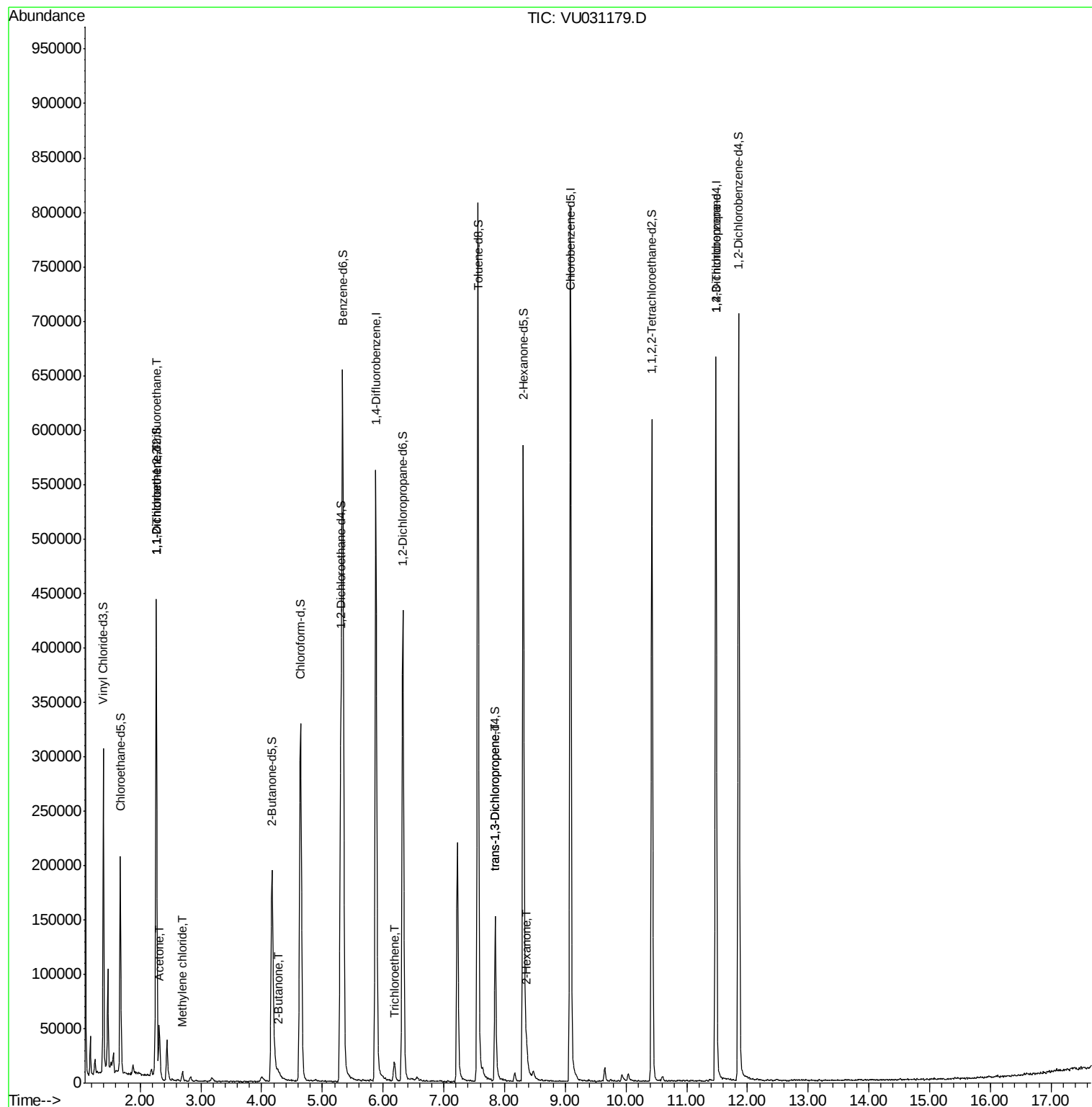
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2102	0.624 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2230	0.686 ug/L #	1
13) Acetone	2.32	43	49701	14.594 ug/L	99
16) Methylene chloride	2.70	84	3418	0.865 ug/L	90
22) 2-Butanone	4.28	43	7223	1.809 ug/L	96
34) Trichloroethene	6.19	95	6412	1.734 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	4100	0.765 ug/L	99
48) 2-Hexanone	8.36	43	7936	1.481 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	21567	4.217 ug/L	96

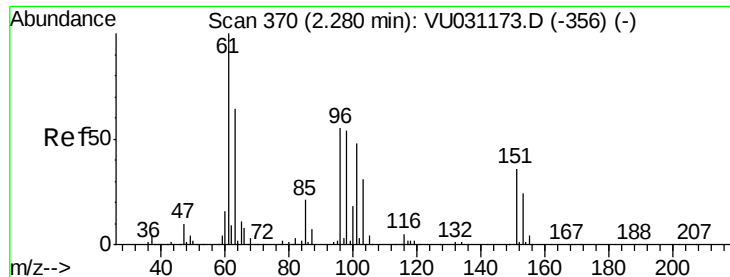
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Apr 14 02:24:32 2019
Response via : Initial Calibration





#10

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

Concen: 0.624 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031179.D

Acq: 14 Apr 2019 00:25

Instrument :

MSVOA_U

ClientSampleId :

BFC47

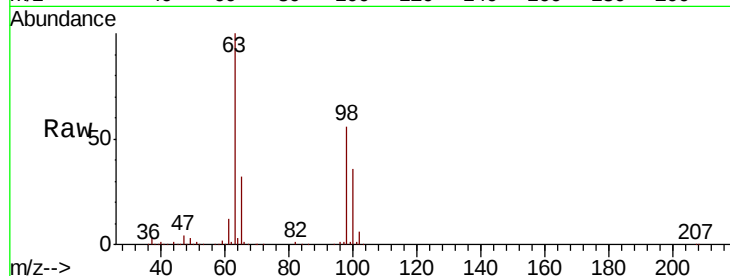
Tot Ion:101 Resp: 2102

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

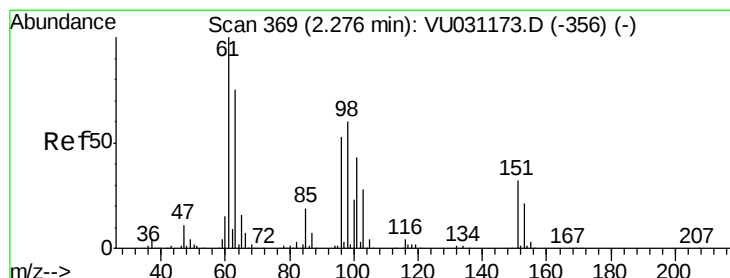
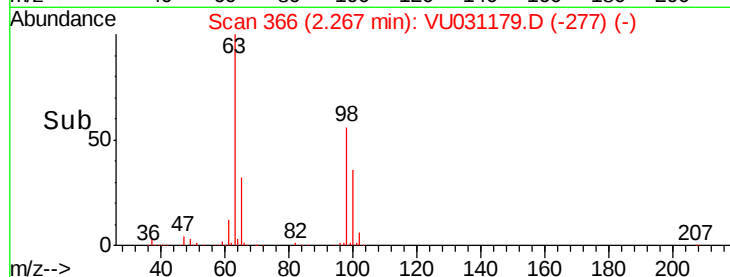
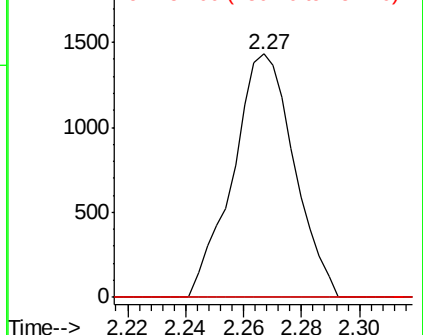
151 0.0 57.4 86.0#



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: 0.686 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031179.D

Acq: 14 Apr 2019 00:25

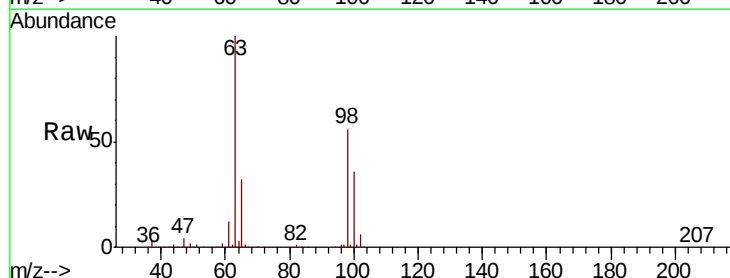
Tgt Ion: 96 Resp: 2230

Ion Ratio Lower Upper

96 100

61 1324.3 132.0 245.2#

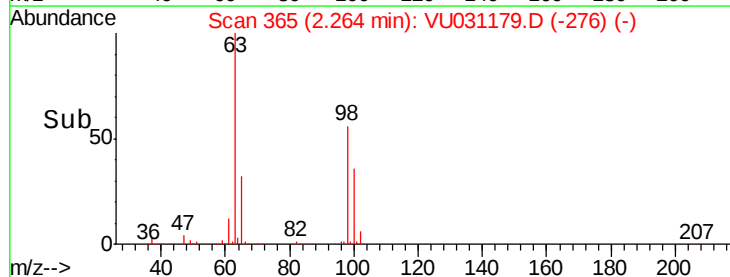
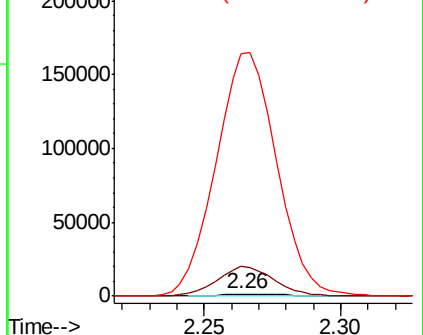
63 10965.3 90.9 168.9#

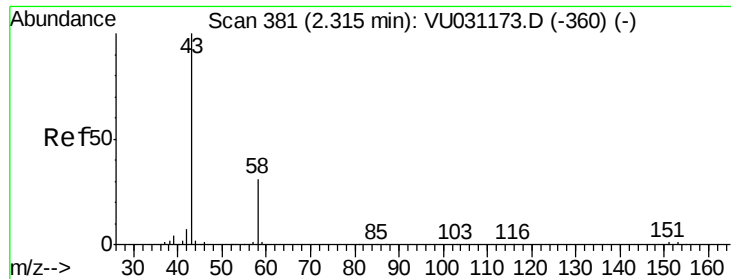


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 14.594 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031179.D

Acq: 14 Apr 2019 00:25

Instrument :

MSVOA_U

ClientSampleId :

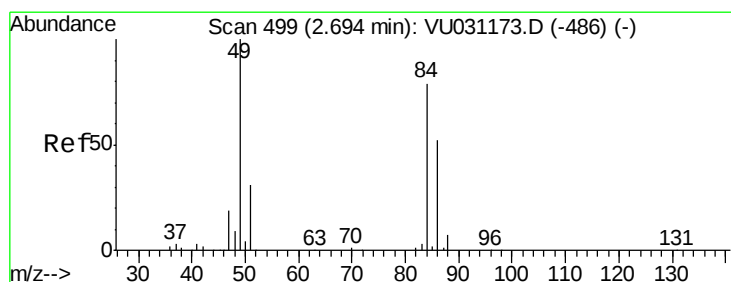
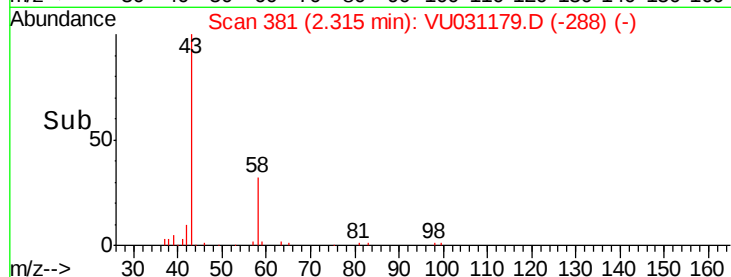
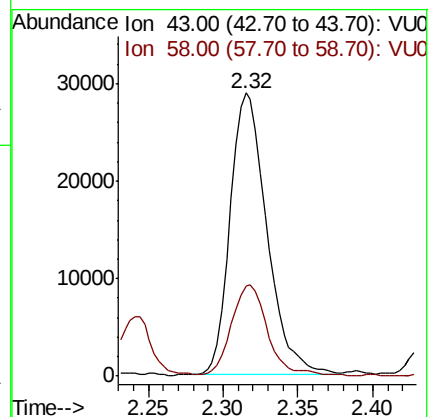
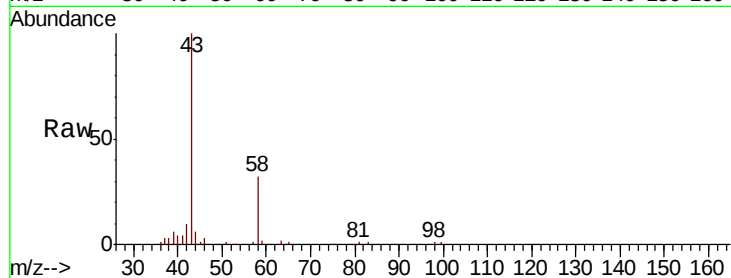
BFC47

Tot Ion: 43 Resp: 49701

Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.0



#16

Methylene chloride

Concen: 0.865 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031179.D

Acq: 14 Apr 2019 00:25

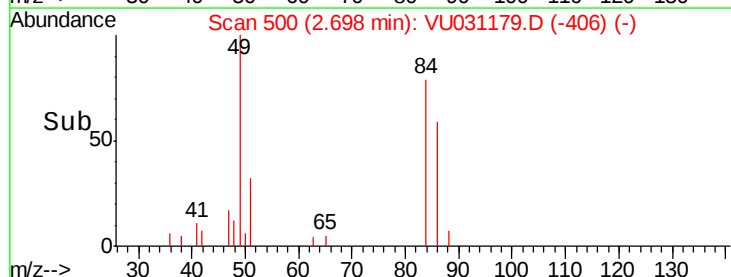
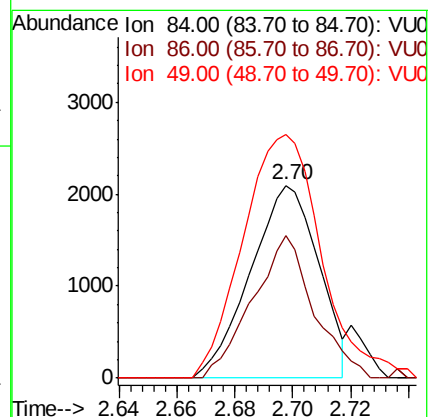
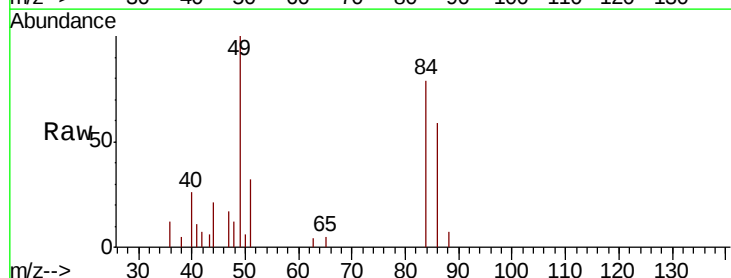
Tgt Ion: 84 Resp: 3418

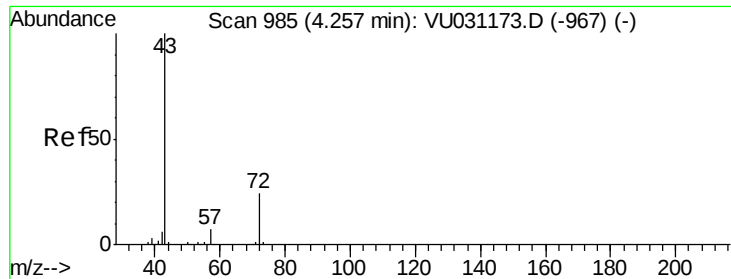
Ion Ratio Lower Upper

84 100

86 74.0 45.1 83.7

49 126.5 96.5 179.1

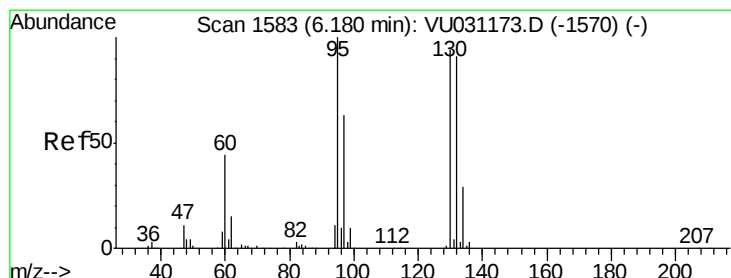
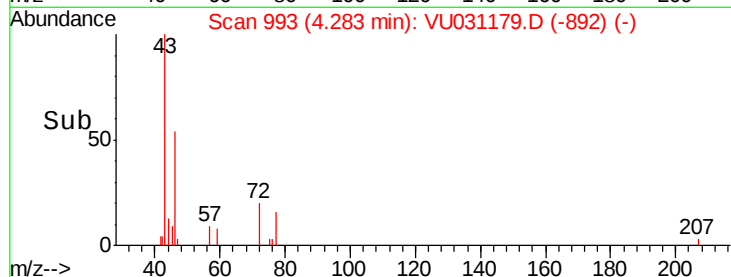
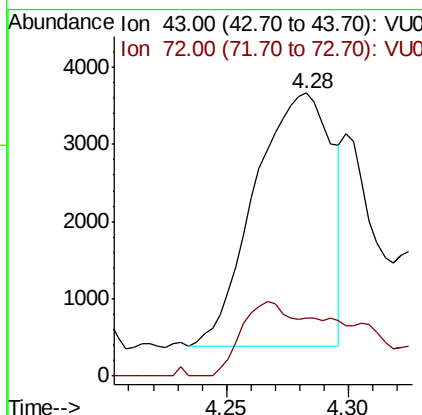
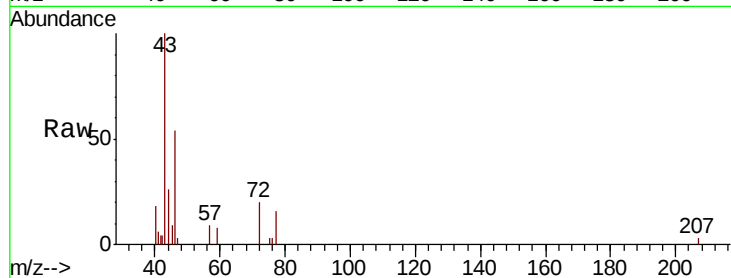




#22
2-Butanone
Concen: 1.809 ug/L
RT: 4.28 min Scan# 993
Delta R.T. 0.03 min
Lab File: VU031179.D
Acq: 14 Apr 2019 00:25

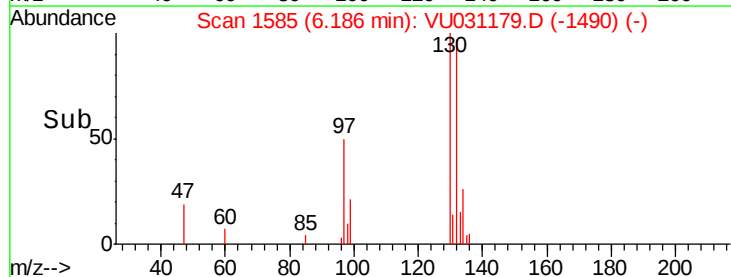
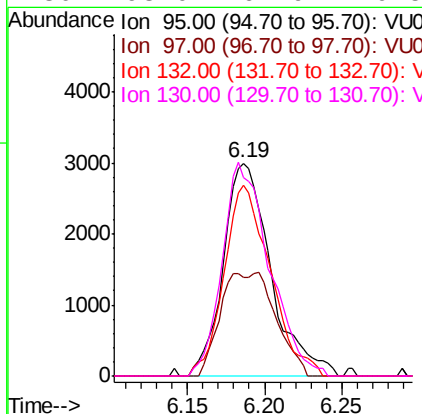
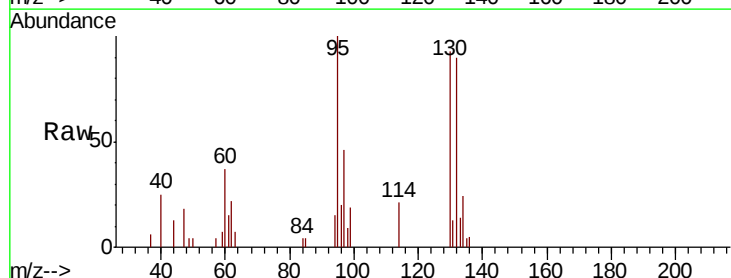
Instrument :
MSVOA_U
ClientSampleId :
BFC47

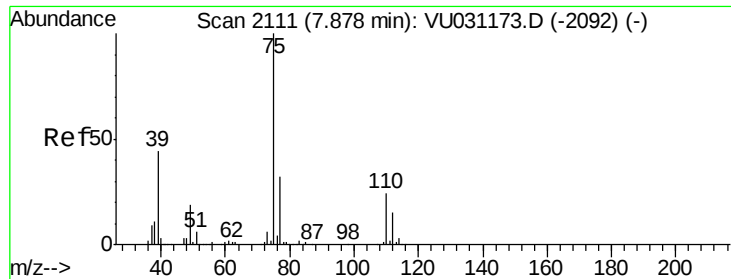
Tot Ion: 43 Resp: 7223
Ion Ratio Lower Upper
43 100
72 19.8 10.8 32.4



#34
Trichloroethene
Concen: 1.734 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031179.D
Acq: 14 Apr 2019 00:25

Tgt Ion: 95 Resp: 6412
Ion Ratio Lower Upper
95 100
97 46.4 44.5 82.7
132 89.9 61.5 114.1
130 93.0 64.9 120.5

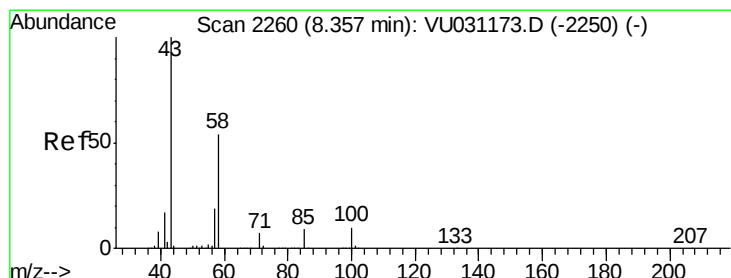
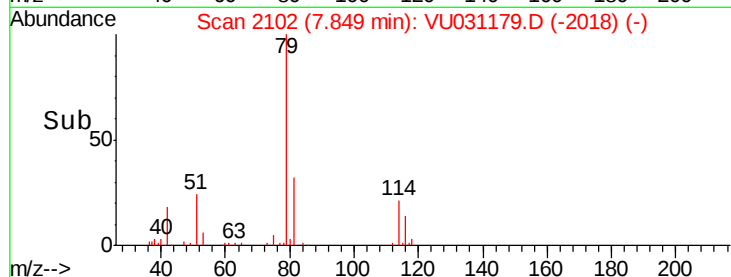
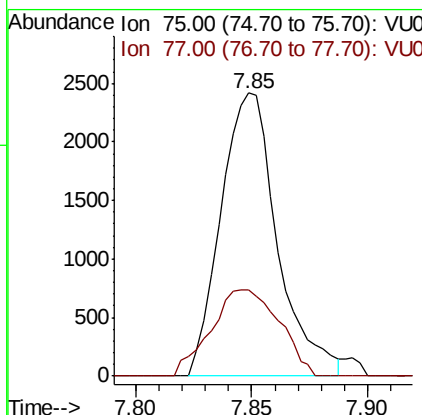
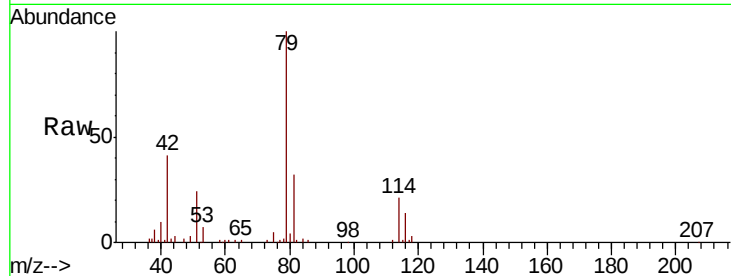




#44
trans-1,3-Dichloropropene
Concen: 0.765 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031179.D
Acq: 14 Apr 2019 00:25

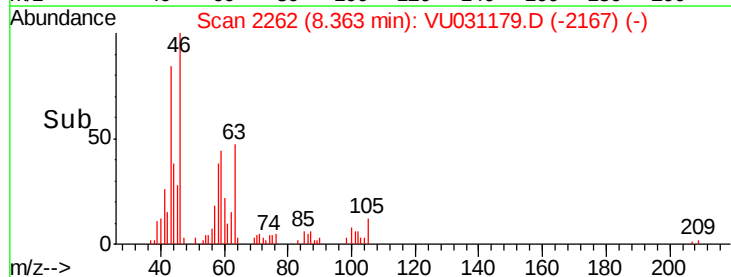
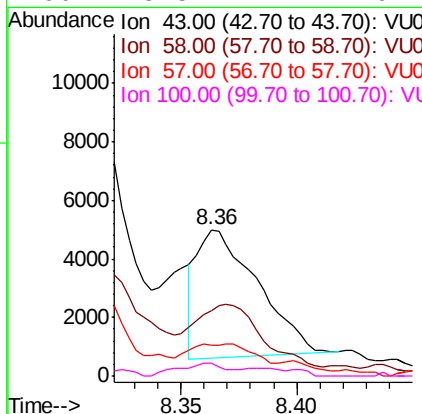
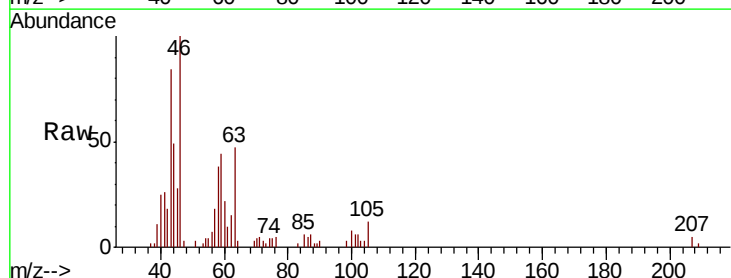
Instrument :
MSVOA_U
ClientSampled :
BFC47

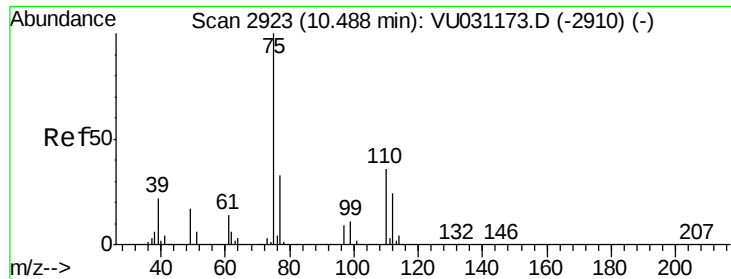
Tot Ion: 75 Resp: 4100
Ion Ratio Lower Upper
75 100
77 30.4 21.6 40.0



#48
2-Hexanone
Concen: 1.481 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031179.D
Acq: 14 Apr 2019 00:25

Tgt Ion: 43 Resp: 7936
Ion Ratio Lower Upper
43 100
58 54.7 41.9 62.9
57 5.0 14.3 21.5#
100 5.5 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.217 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031179.D

Acq: 14 Apr 2019 00:25

Instrument :

MSVOA_U

ClientSampleId :

BFC47

Tot Ion: 75 Resp: 21567

Ion Ratio Lower Upper

75 100

77 34.8 26.1 39.1

