

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031181.D
 Acq On : 14 Apr 2019 01:13
 Operator : JC/SP
 Sample : K2339-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC55

Quant Time: Apr 14 02:29:33 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	481979	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	465782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	179426	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	188281	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.52%
7) Chloroethane-d5	1.67	69	147914	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	256954	33.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.04%
21) 2-Butanone-d5	4.17	46	319177	93.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.60%
24) Chloroform-d	4.64	84	335119	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.98%
26) 1,2-Dichloroethane-d4	5.30	65	220289	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.33	84	655480	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
36) 1,2-Dichloropropane-d6	6.32	67	222515	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.56	98	544505	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%
43) trans-1,3-Dichloropropene-	7.85	79	90276	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.96%
47) 2-Hexanone-d5	8.31	63	191064	89.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	308356	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	195313	55.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.70%

Target Compounds

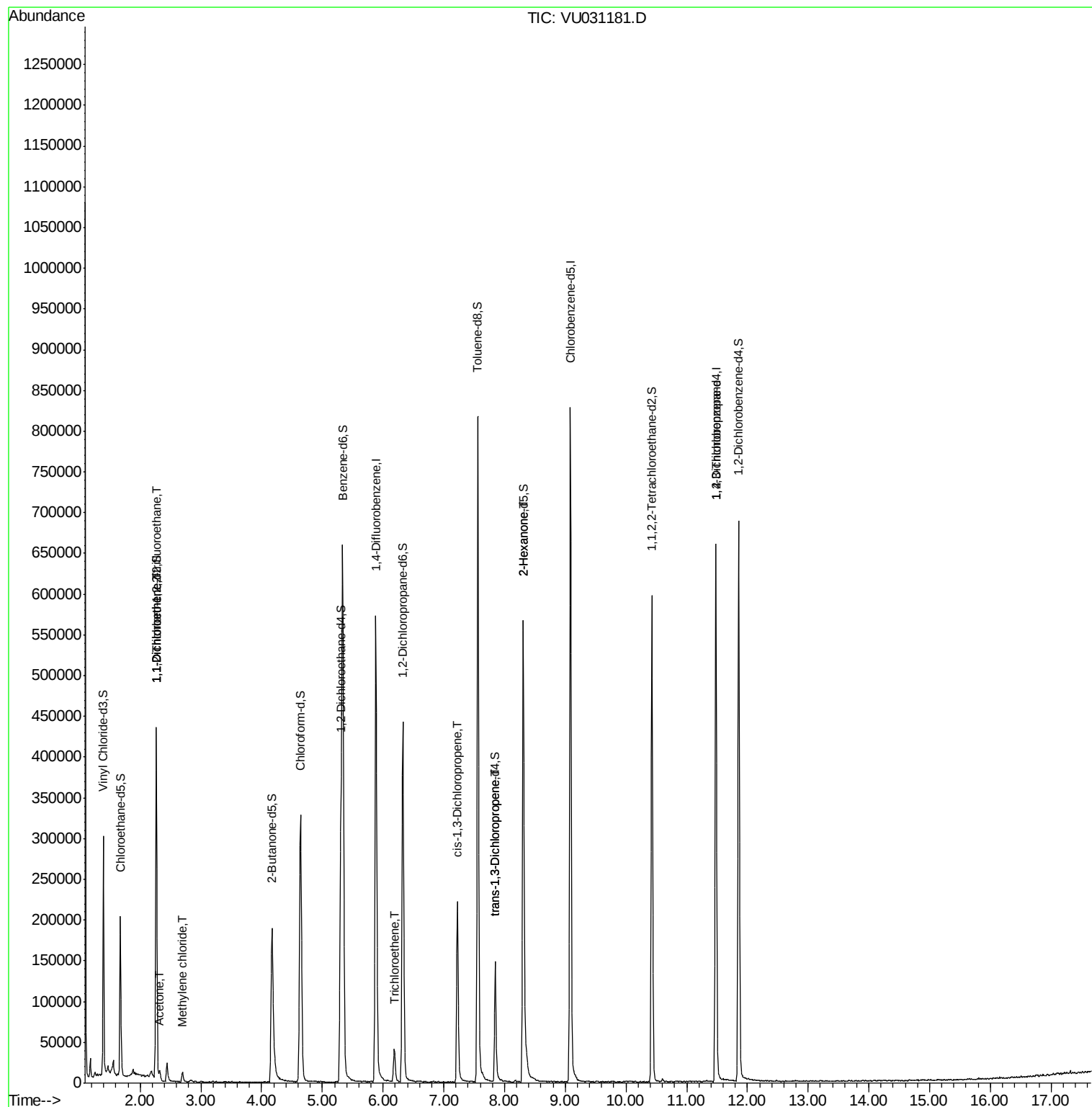
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2007	0.582	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2217	0.665	ug/L #	1
13) Acetone	2.32	43	9243	2.649	ug/L	93
16) Methylene chloride	2.69	84	5567	1.375	ug/L	97
34) Trichloroethene	6.19	95	14701	3.932	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	5247	0.854	ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	3508	0.648	ug/L	94
48) 2-Hexanone	8.31	43	22813	4.213	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	20500	3.966	ug/L	94

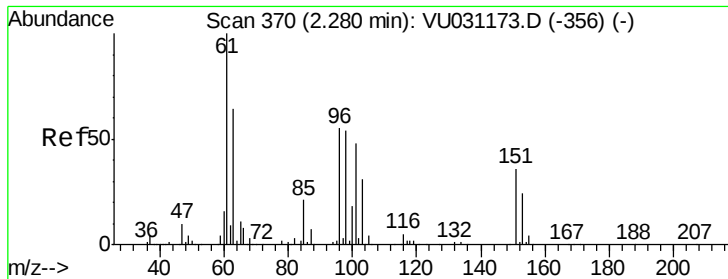
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031181.D
Acq On : 14 Apr 2019 01:13
Operator : JC/SP
Sample : K2339-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC55

Quant Time: Apr 14 02:29:33 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





#10

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

Concen: 0.582 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031181.D

Acq: 14 Apr 2019 01:13

Instrument :

MSVOA_U

ClientSampleId :

BFC55

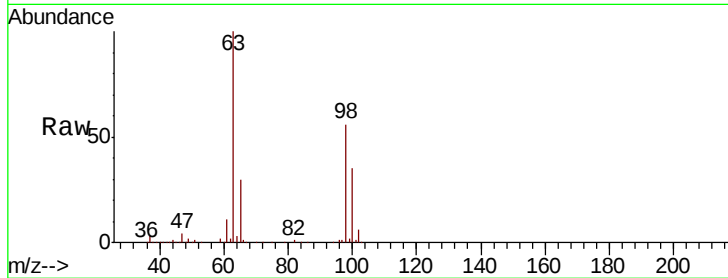
Tot Ion:101 Resp: 2007

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

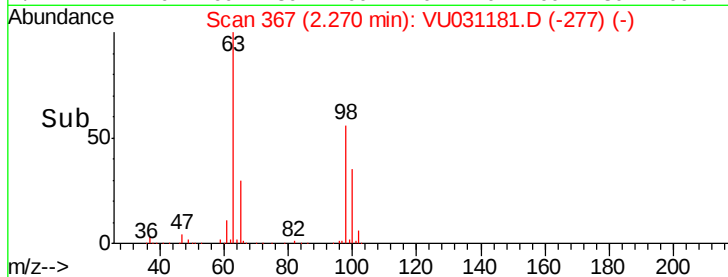
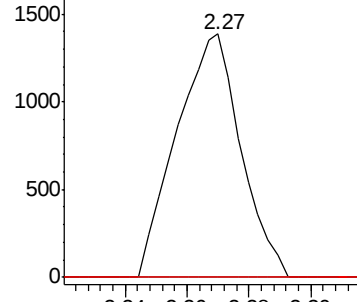
151 0.0 57.4 86.0#



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: 0.665 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031181.D

Acq: 14 Apr 2019 01:13

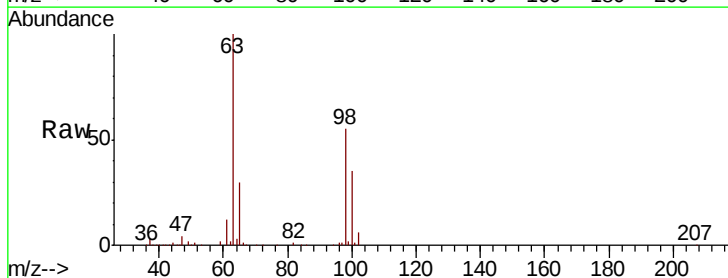
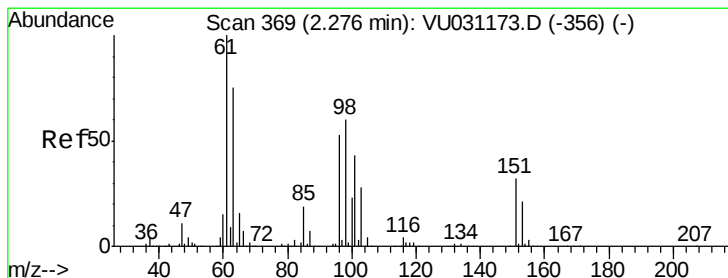
Tgt Ion: 96 Resp: 2217

Ion Ratio Lower Upper

96 100

61 1346.1 132.0 245.2#

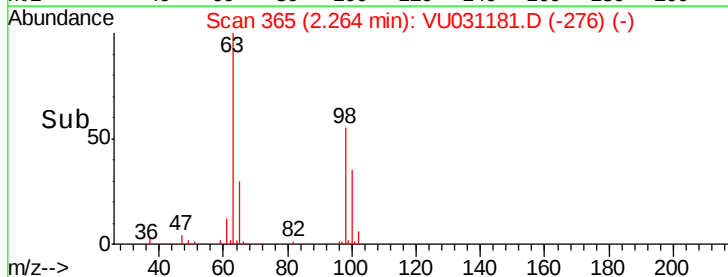
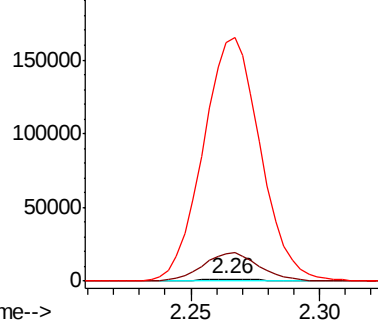
63 11587.7 90.9 168.9#

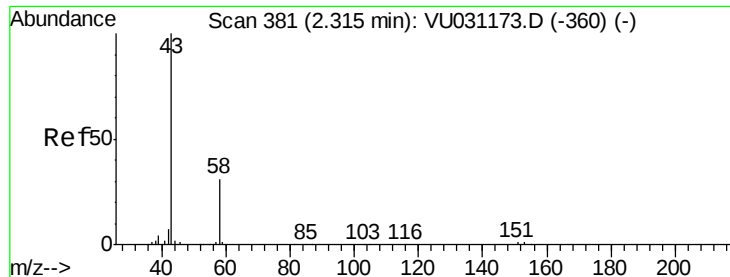


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.649 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031181.D

Acq: 14 Apr 2019 01:13

Instrument :

MSVOA_U

ClientSampleId :

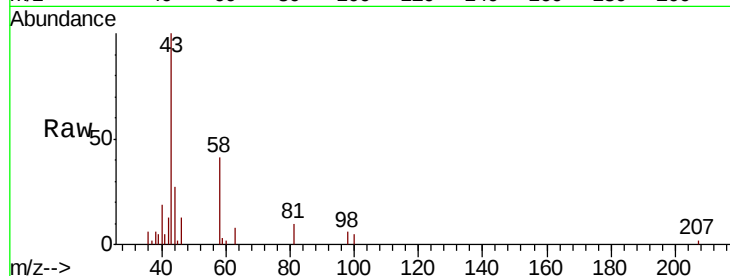
BFC55

Tot Ion: 43 Resp: 9243

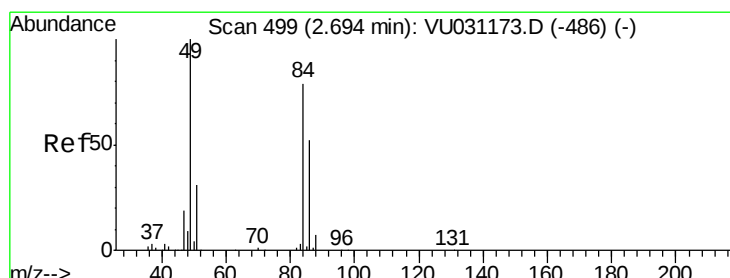
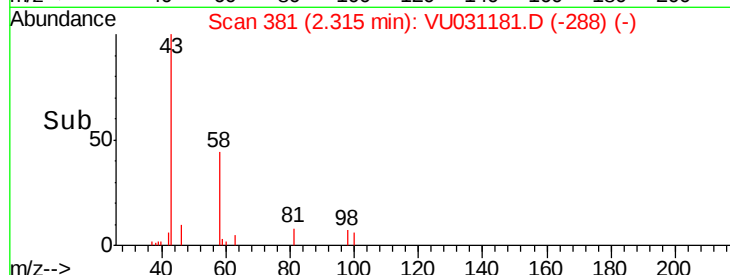
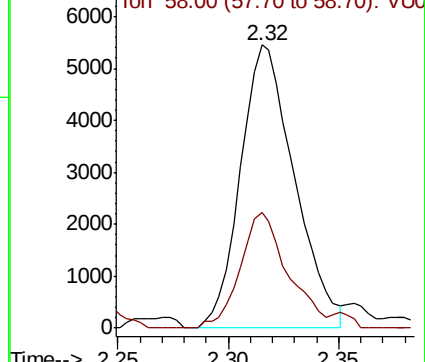
Ion Ratio Lower Upper

43 100

58 36.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031181.D (-288) (-)



#16

Methylene chloride

Concen: 1.375 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU031181.D

Acq: 14 Apr 2019 01:13

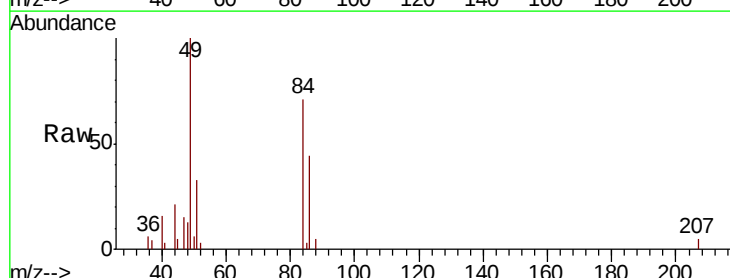
Tgt Ion: 84 Resp: 5567

Ion Ratio Lower Upper

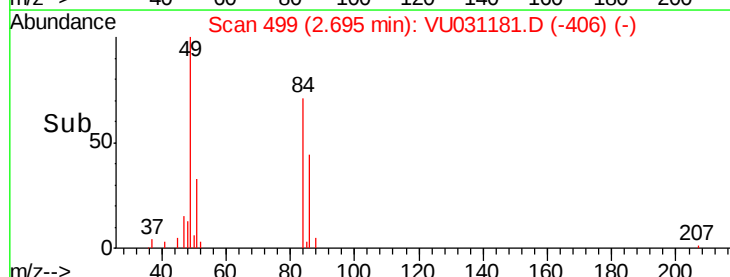
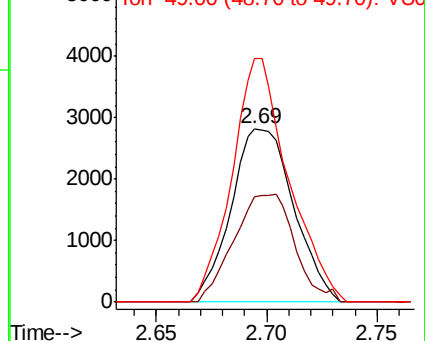
84 100

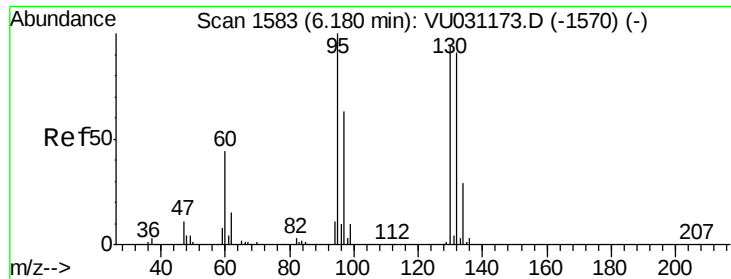
86 61.0 45.1 83.7

49 140.1 96.5 179.1



Abundance Ion 84.00 (83.70 to 84.70): VU031181.D (-406) (-)





#34

Trichloroethene

Concen: 3.932 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031181.D

Acq: 14 Apr 2019 01:13

Instrument :

MSVOA_U

ClientSampleId :

BFC55

Tot Ion: 95 Resp: 14701

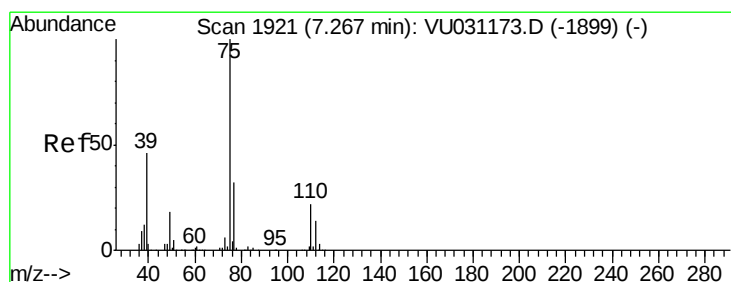
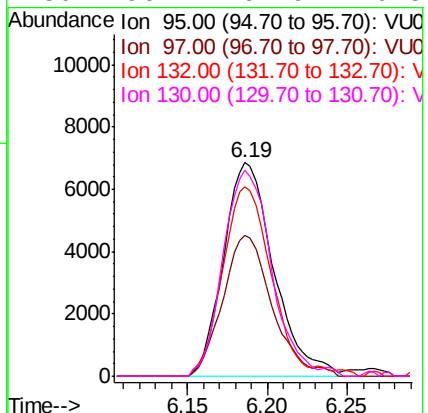
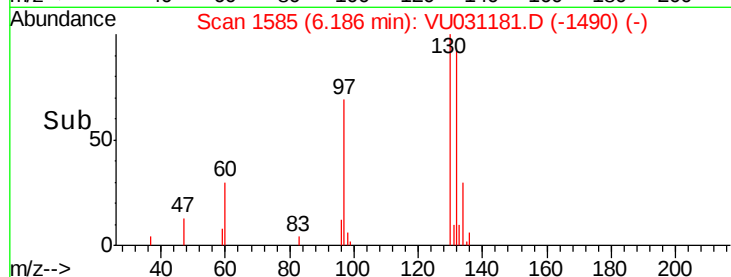
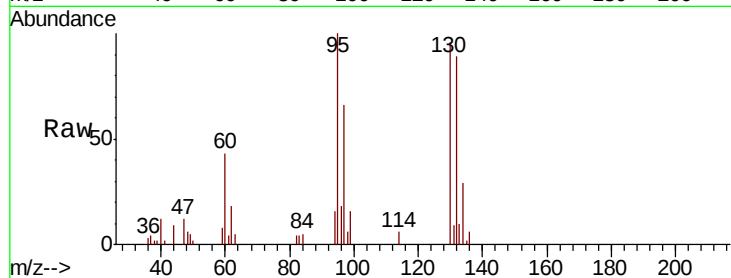
Ion Ratio Lower Upper

95 100

97 66.2 44.5 82.7

132 88.6 61.5 114.1

130 96.4 64.9 120.5



#39

cis-1,3-Dichloropropene

Concen: 0.854 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU031181.D

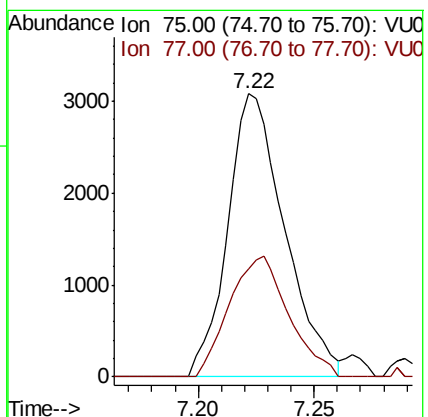
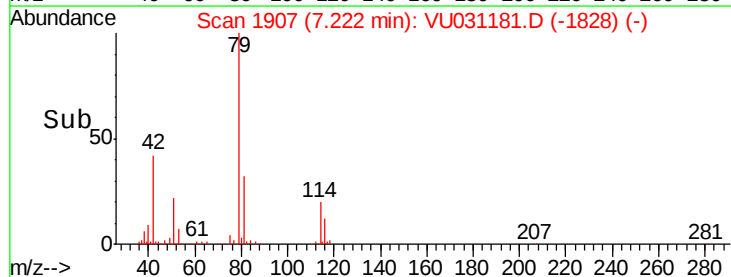
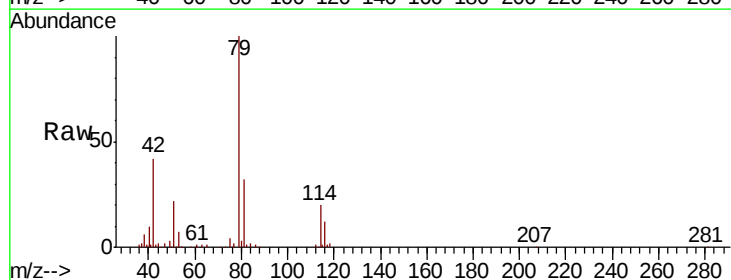
Acq: 14 Apr 2019 01:13

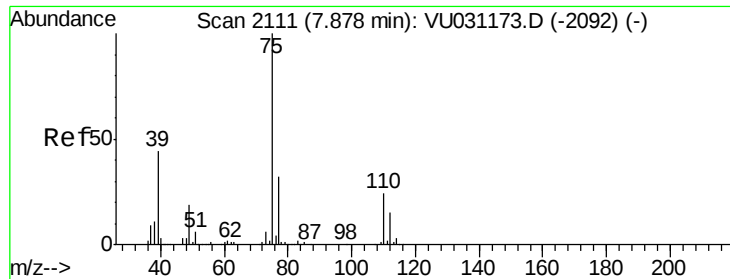
Tgt Ion: 75 Resp: 5247

Ion Ratio Lower Upper

75 100

77 38.1 23.1 42.9





#44

trans-1,3-Dichloropropene

Concen: 0.648 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031181.D

Acq: 14 Apr 2019 01:13

Instrument :

MSVOA_U

ClientSampleId :

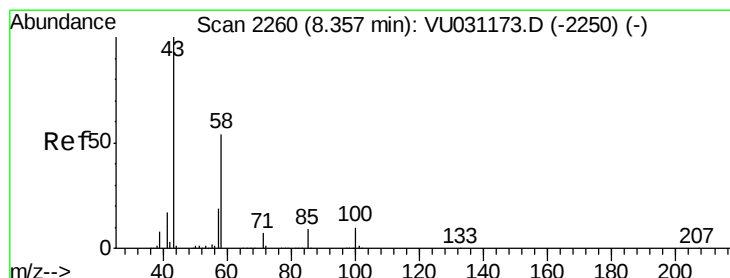
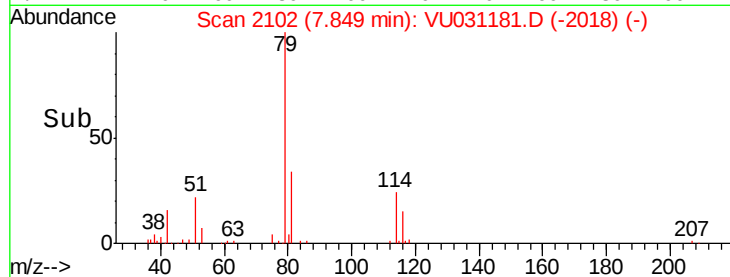
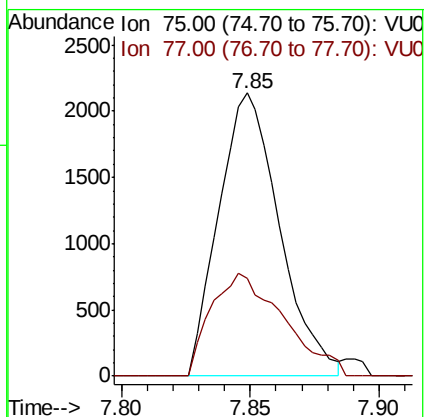
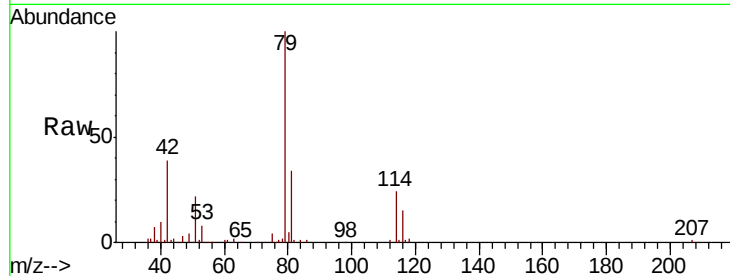
BFC55

Tot Ion: 75 Resp: 3508

Ion Ratio Lower Upper

75 100

77 34.3 21.6 40.0



#48

2-Hexanone

Concen: 4.213 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU031181.D

Acq: 14 Apr 2019 01:13

Tgt Ion: 43 Resp: 22813

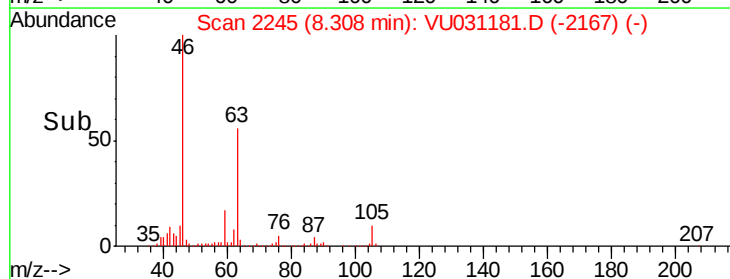
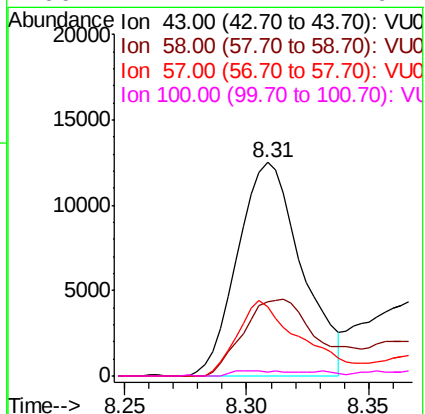
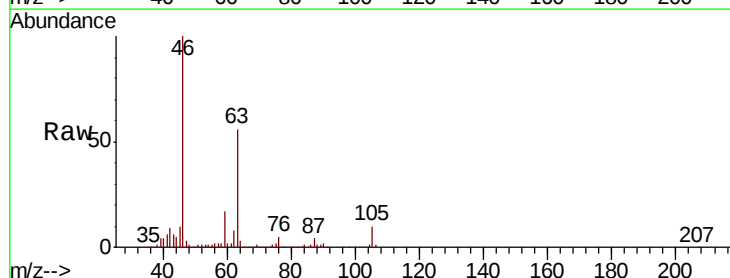
Ion Ratio Lower Upper

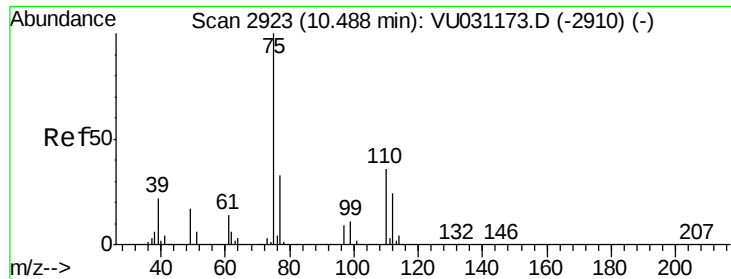
43 100

58 43.4 41.9 62.9

57 35.3 14.3 21.5#

100 1.4 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 3.966 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031181.D

Acq: 14 Apr 2019 01:13

Instrument :

MSVOA_U

ClientSampleId :

BFC55

Tot Ion: 75 Resp: 20500

Ion Ratio Lower Upper

75 100

77 36.0 26.1 39.1

