

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031178.D
 Acq On : 14 Apr 2019 00:02
 Operator : JC/SP
 Sample : K2409-02RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC23

Quant Time: Apr 14 02:29:08 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	479519	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	469158	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	185456	43.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.66%
7) Chloroethane-d5	1.67	69	152946	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.16%
11) 1,1-Dichloroethene-d2	2.26	63	264012	34.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.20%
21) 2-Butanone-d5	4.17	46	337197	99.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.39%
24) Chloroform-d	4.64	84	332821	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.30	65	225677	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.16%
32) Benzene-d6	5.33	84	669753	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.32	67	226130	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.56	98	560823	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	93132	43.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.02%
47) 2-Hexanone-d5	8.31	63	205900	95.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315693	49.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	195114	55.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.12%

Target Compounds

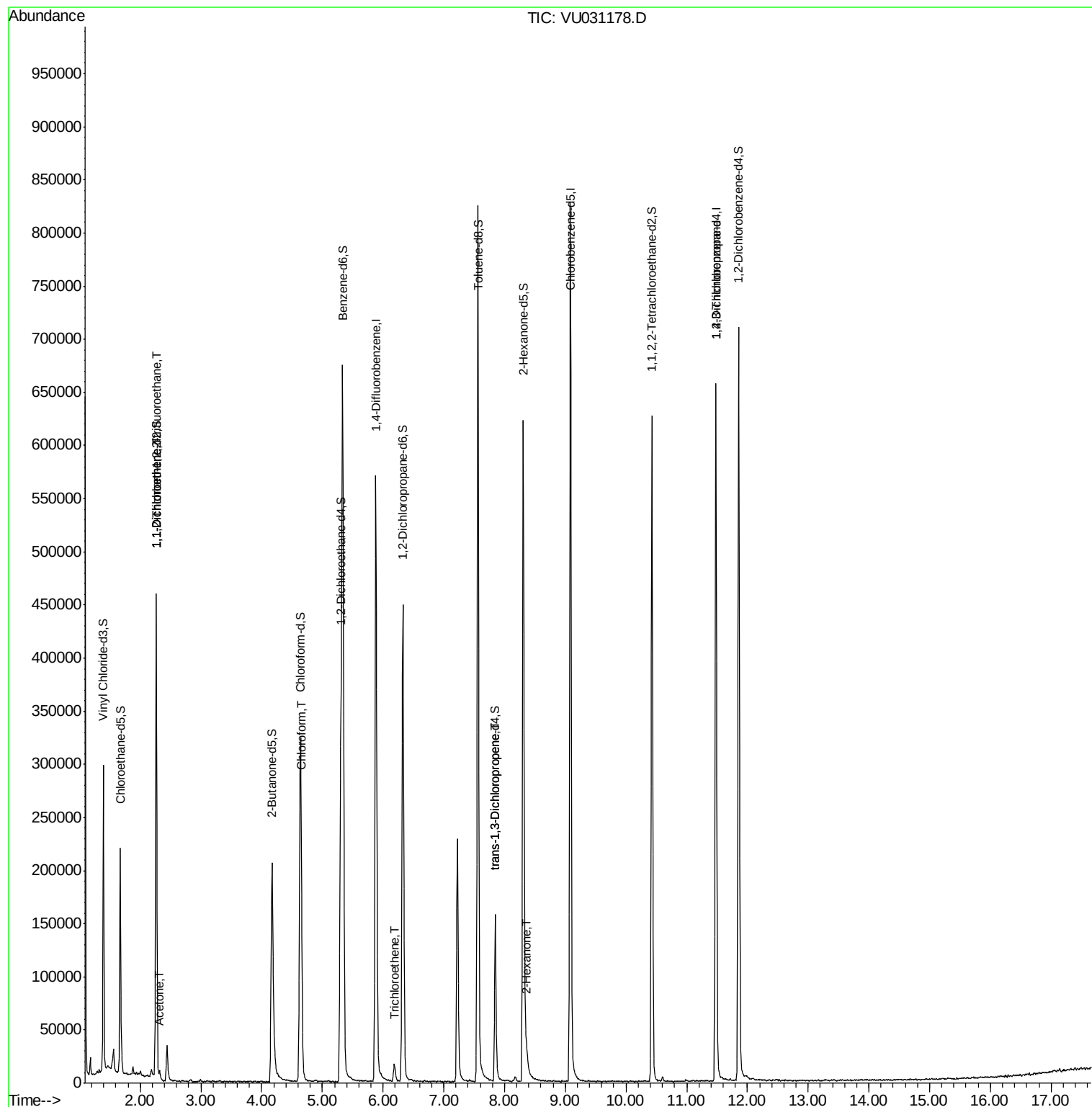
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2219	0.646	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2185	0.659	ug/L #	1
13) Acetone	2.32	43	4821	1.389	ug/L	99
25) Chloroform	4.66	83	4794	0.657	ug/L	93
34) Trichloroethene	6.18	95	2844	0.755	ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	3591	0.659	ug/L	87
48) 2-Hexanone	8.37	43	8708	1.597	ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	20753	3.986	ug/L	94

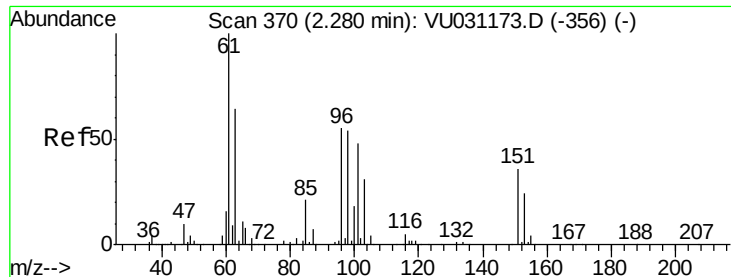
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.646 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031178.D

Acq: 14 Apr 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

BFC23

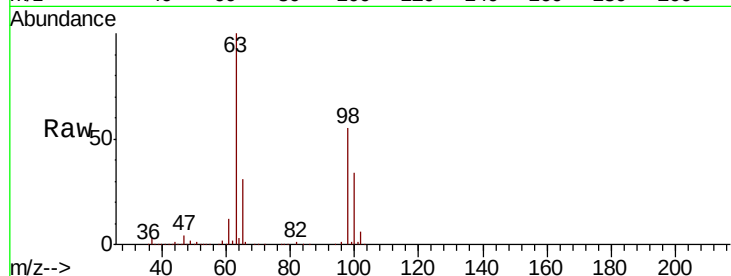
Tot Ion:101 Resp: 2219

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

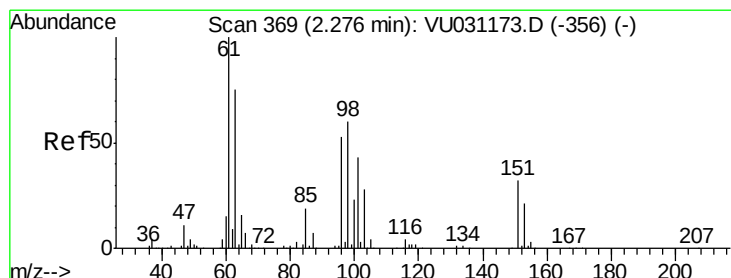
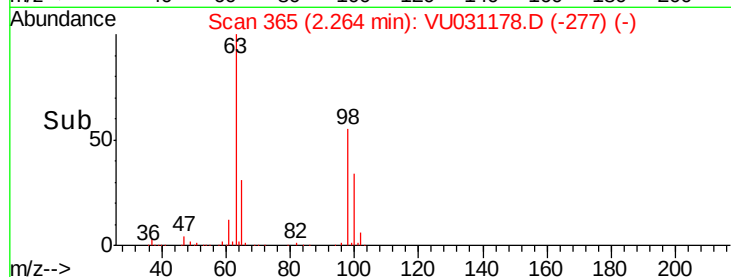
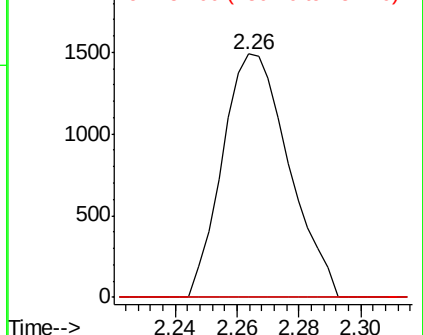
151 0.0 57.4 86.0#



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: 0.659 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031178.D

Acq: 14 Apr 2019 00:02

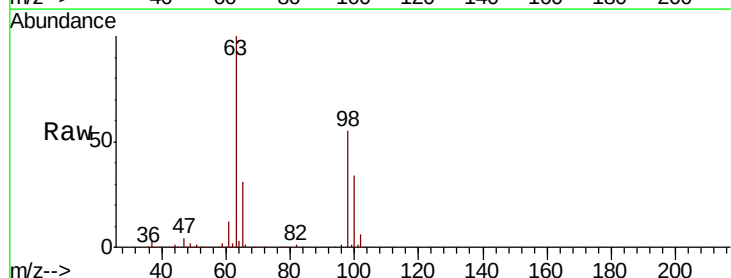
Tgt Ion: 96 Resp: 2185

Ion Ratio Lower Upper

96 100

61 1503.5 132.0 245.2#

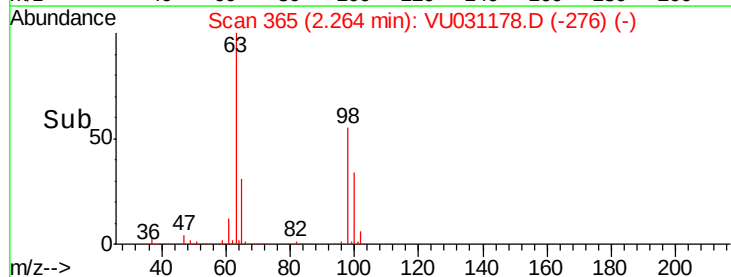
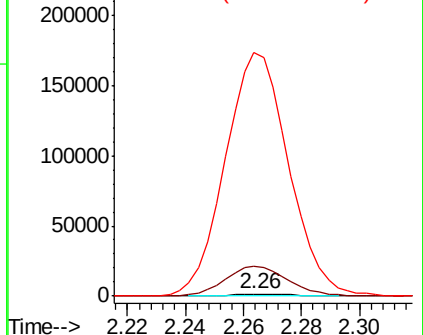
63 12244.5 90.9 168.9#

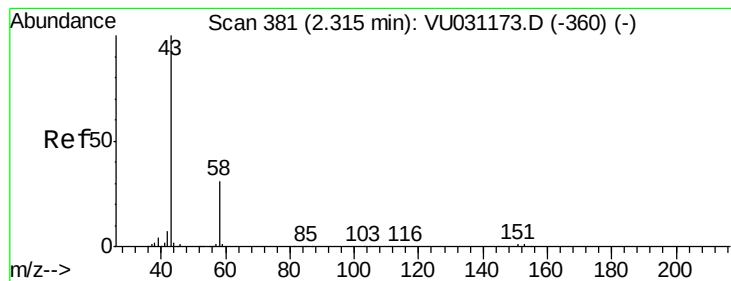


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.389 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031178.D

Acq: 14 Apr 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

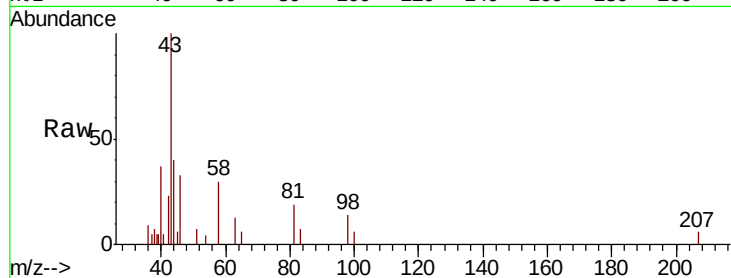
BFC23

Tot Ion: 43 Resp: 4821

Ion Ratio Lower Upper

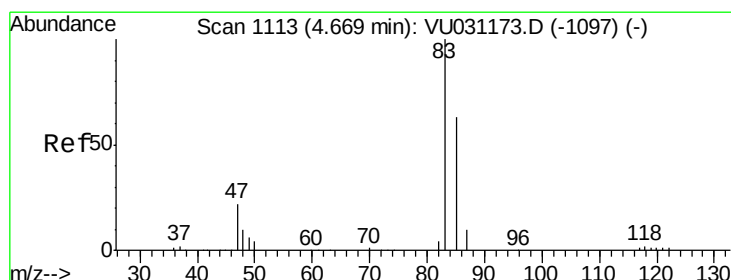
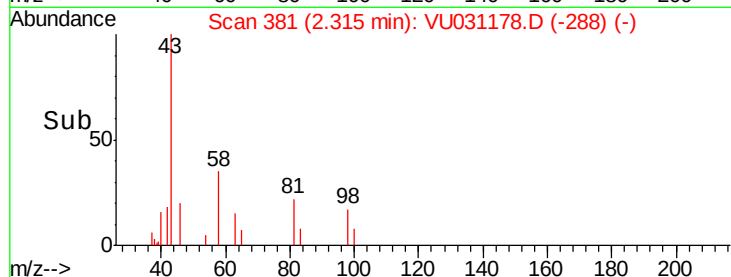
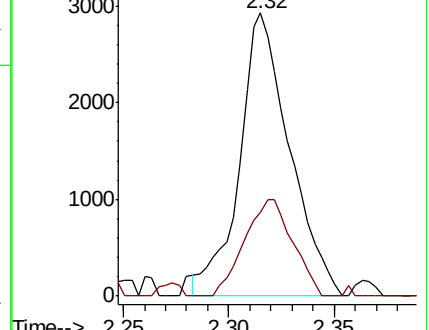
43 100

58 32.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031178.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031178.D (-360) (-)



#25

Chloroform

Concen: 0.657 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VU031178.D

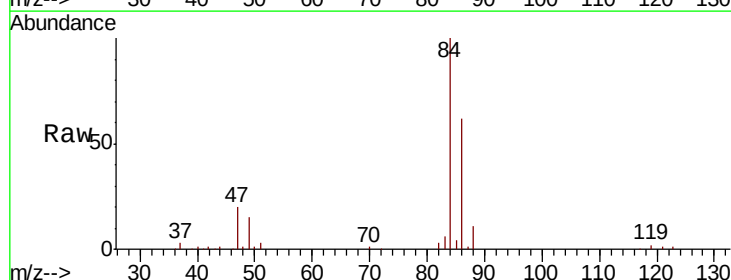
Acq: 14 Apr 2019 00:02

Tgt Ion: 83 Resp: 4794

Ion Ratio Lower Upper

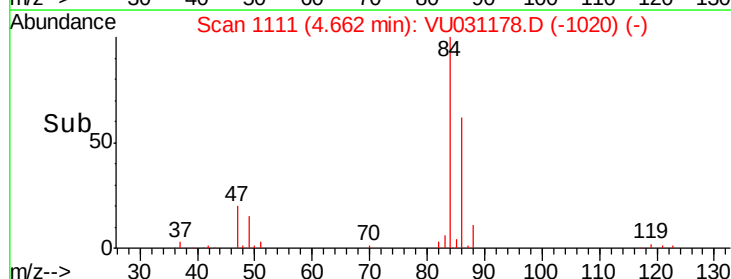
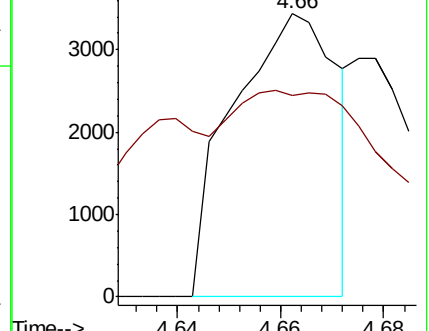
83 100

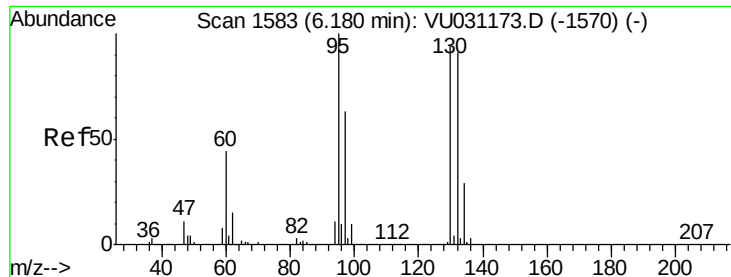
85 71.1 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031178.D (-1097) (-)

Ion 85.00 (84.70 to 85.70): VU031178.D (-1097) (-)





#34

Trichloroethene

Concen: 0.755 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031178.D

Acq: 14 Apr 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

BFC23

Tot Ion: 95 Resp: 2844

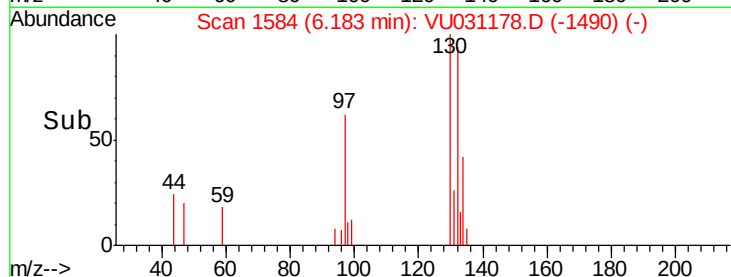
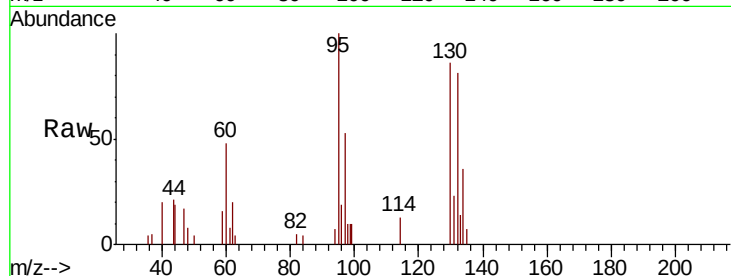
Ion Ratio Lower Upper

95 100

97 53.3 44.5 82.7

132 81.1 61.5 114.1

130 86.4 64.9 120.5

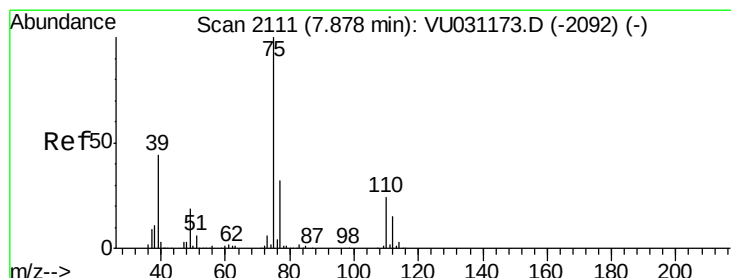
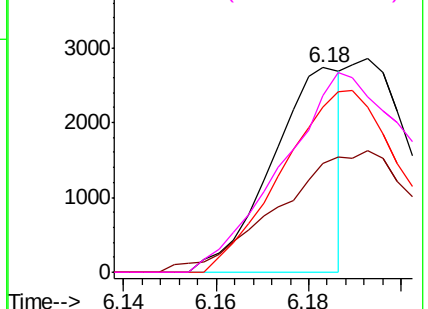


Abundance Ion 95.00 (94.70 to 95.70): VU031178.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU031178.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU031178.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU031178.D (-1490) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031178.D

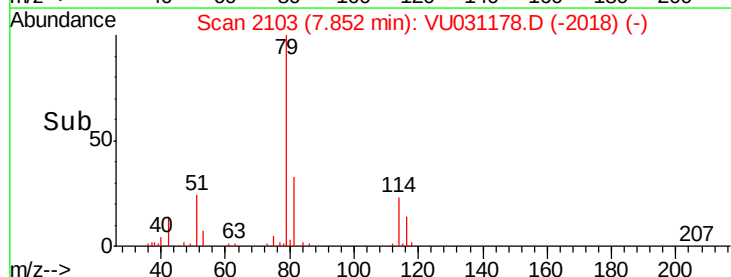
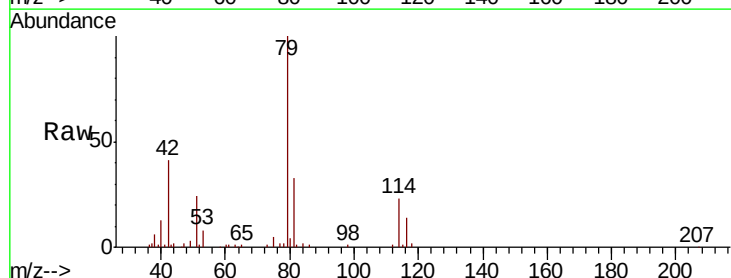
Acq: 14 Apr 2019 00:02

Tgt Ion: 75 Resp: 3591

Ion Ratio Lower Upper

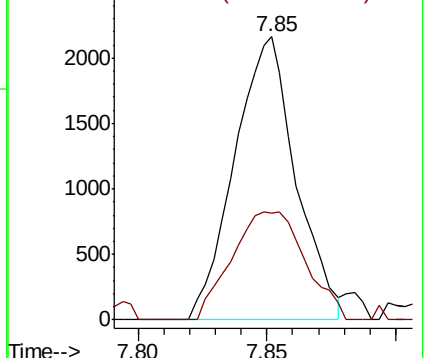
75 100

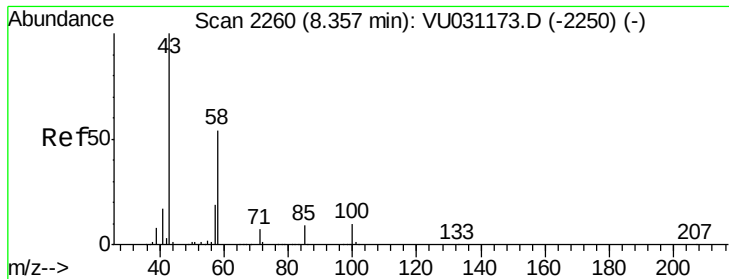
77 37.9 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU031178.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU031178.D (-2018) (-)

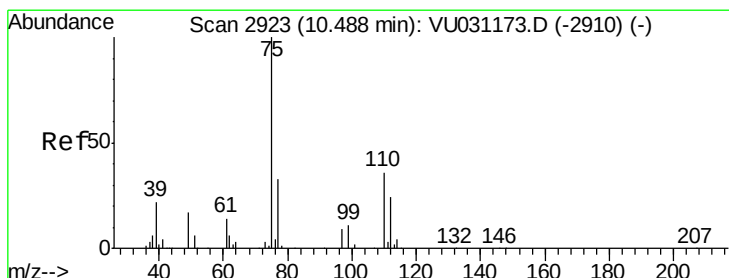
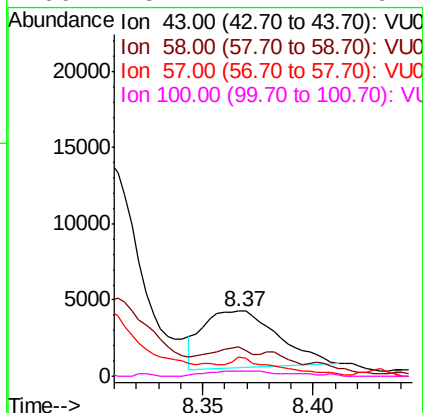
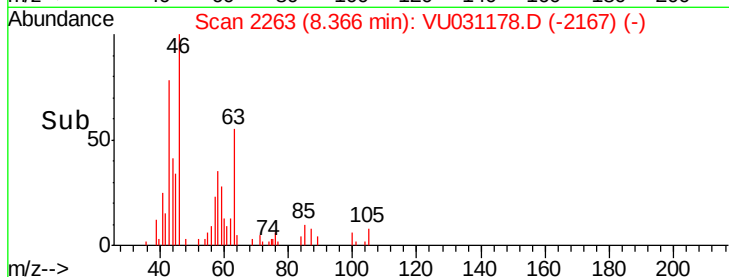
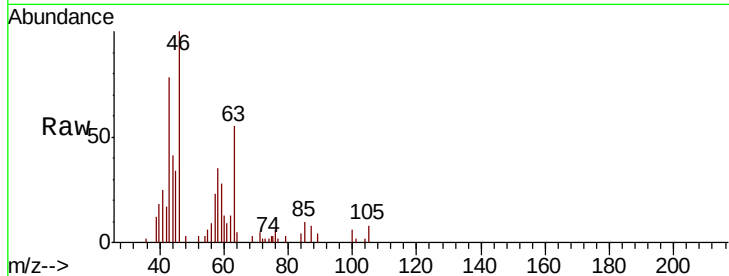




#48
 2-Hexanone
 Concen: 1.597 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031178.D
 Acq: 14 Apr 2019 00:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC23

Tot Ion	43	Resp	8708
Ion Ratio	Lower	Upper	
43	100		
58	0.0	41.9	62.9#
57	3.5	14.3	21.5#
100	3.7	7.1	10.7#



#59
 1,2,3-Trichloropropane
 Concen: 3.986 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031178.D
 Acq: 14 Apr 2019 00:02

Tgt Ion	75	Resp	20753
Ion Ratio	Lower	Upper	
75	100		
77	36.1	26.1	39.1

