

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032219\
 Data File : VU030303.D
 Acq On : 22 Mar 2019 13:13
 Operator : JC/SP
 Sample : K2048-06 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF198

Quant Time: Mar 23 02:36:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 02:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	520639	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155590	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.40%
7) Chloroethane-d5	1.68	69	133029	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.52%
11) 1,1-Dichloroethene-d2	2.27	63	214819	33.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.90%
21) 2-Butanone-d5	4.17	46	274494	105.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	4.65	84	304586	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	5.31	65	180652	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
32) Benzene-d6	5.34	84	642125	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.33	67	203614	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.40%
41) Toluene-d8	7.56	98	573209	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%
43) trans-1,3-Dichloropropene-	7.85	79	90647	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.88%
47) 2-Hexanone-d5	8.31	63	219127	103.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310102	49.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	230667	49.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.90%

Target Compounds

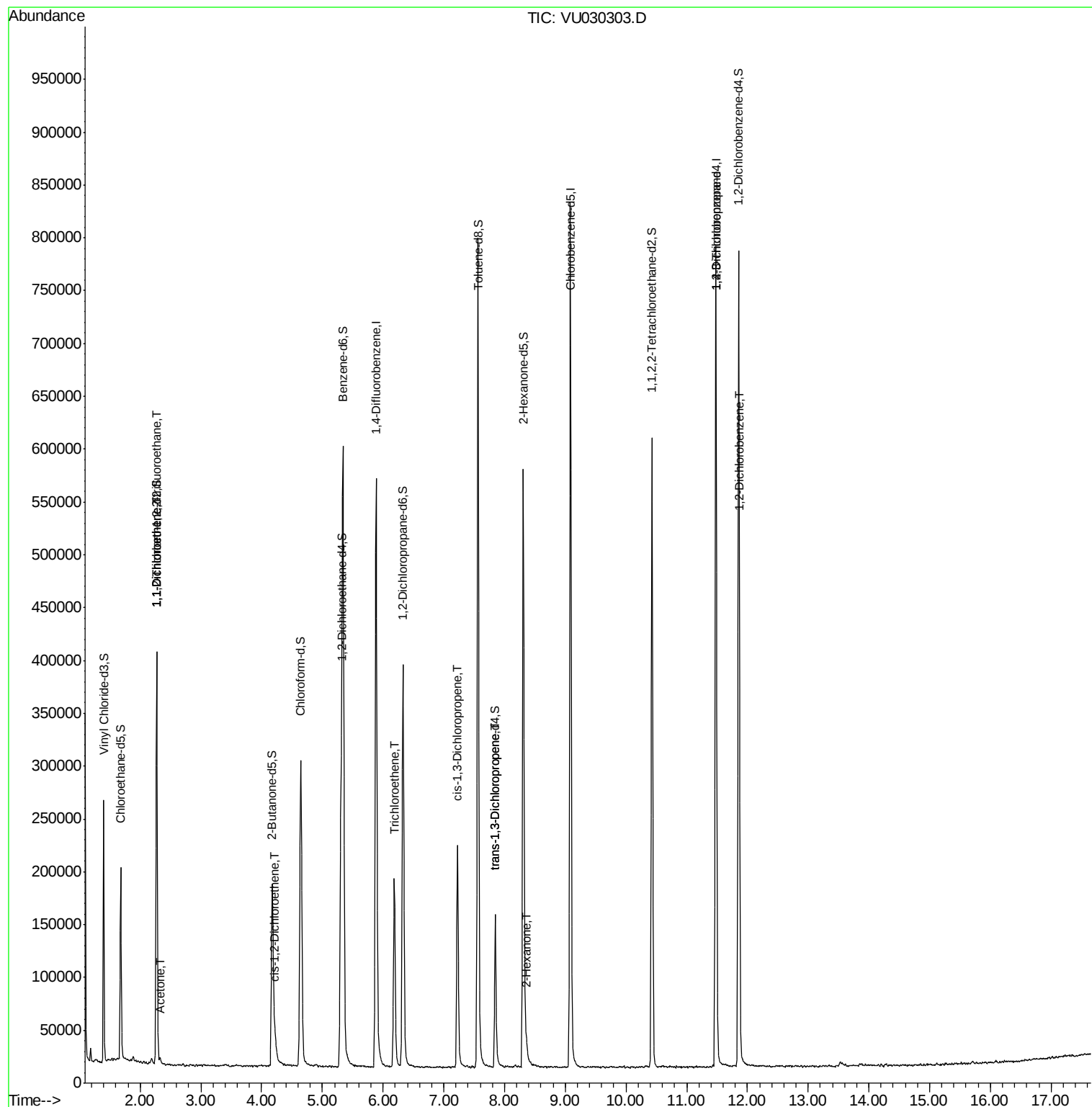
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2355	0.673 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2245	0.646 ug/L #	1
13) Acetone	2.32	43	2648	0.970 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	7364	1.836 ug/L	96
34) Trichloroethene	6.18	95	67648	17.706 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	4248	0.713 ug/L #	33
44) trans-1,3-Dichloropropene	7.85	75	3372	0.654 ug/L #	80
48) 2-Hexanone	8.36	43	6166	1.456 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	25015	4.986 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	6964	0.929 ug/L #	84

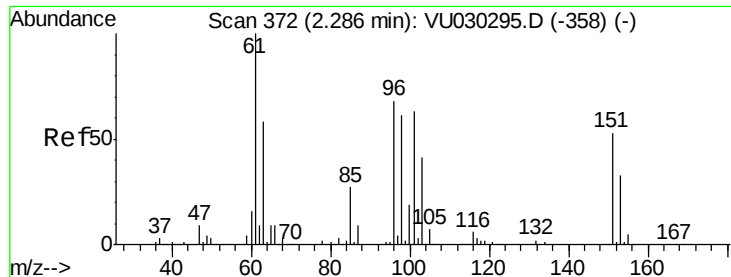
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 23 02:31:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.673 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030303.D

Acq: 22 Mar 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

BF198

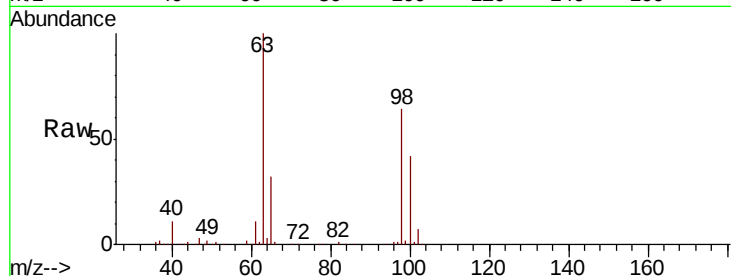
Tgt Ion: 101 Resp: 2355

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

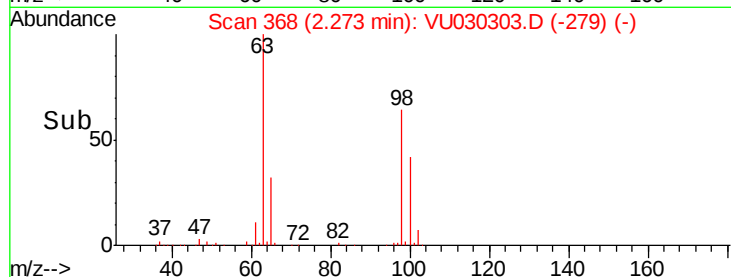
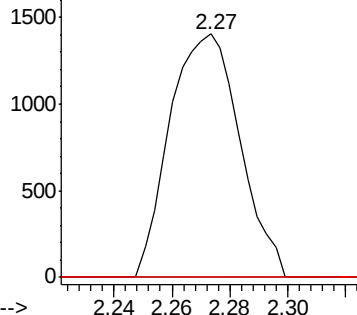
151 0.0 64.7 97.1#



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: 0.646 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030303.D

Acq: 22 Mar 2019 13:13

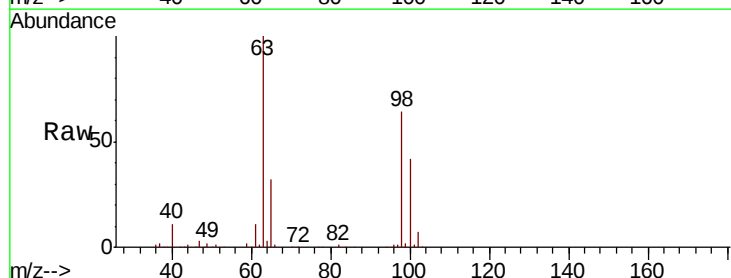
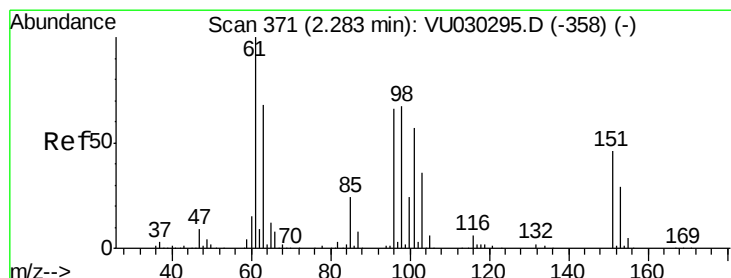
Tgt Ion: 96 Resp: 2245

Ion Ratio Lower Upper

96 100

61 1073.0 104.6 194.2#

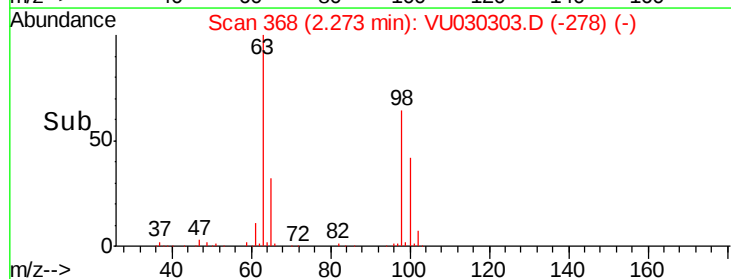
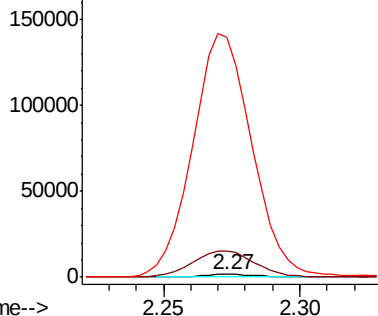
63 9813.9 77.2 143.4#

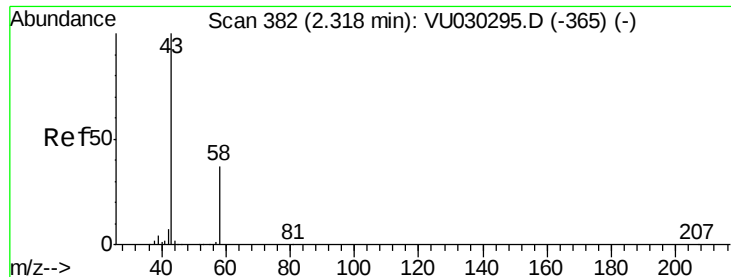


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.970 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU030303.D

Acq: 22 Mar 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

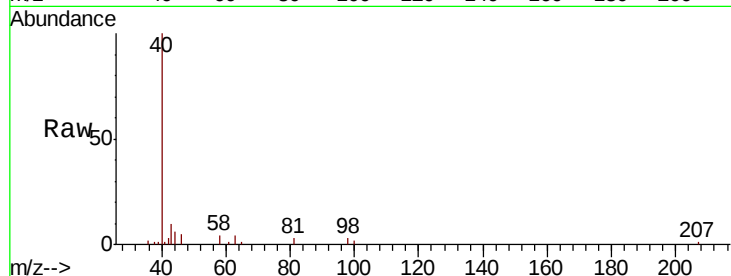
BF198

Tgt Ion: 43 Resp: 2648

Ion Ratio Lower Upper

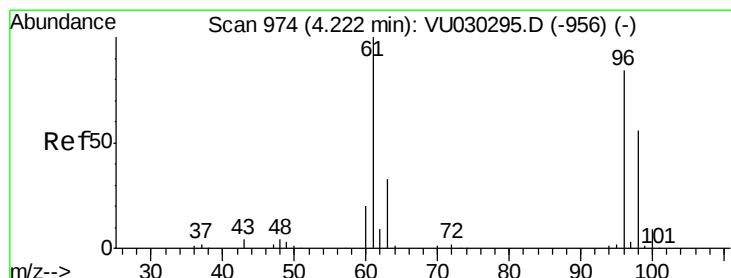
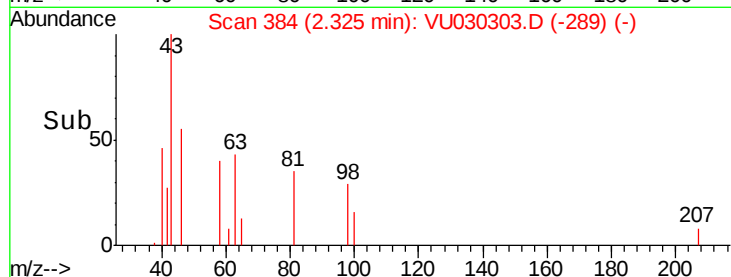
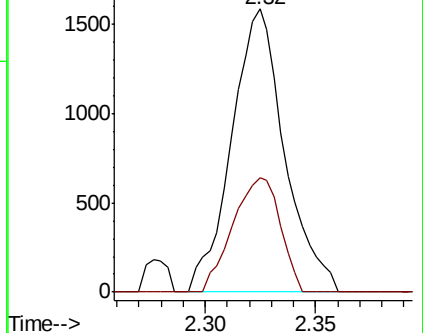
43 100

58 36.2 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU030295.D (-365) (-)

Ion 58.00 (57.70 to 58.70): VU030295.D (-365) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.836 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU030303.D

Acq: 22 Mar 2019 13:13

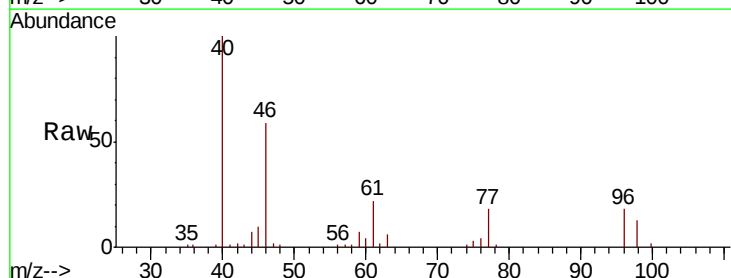
Tgt Ion: 96 Resp: 7364

Ion Ratio Lower Upper

96 100

61 120.3 81.5 151.3

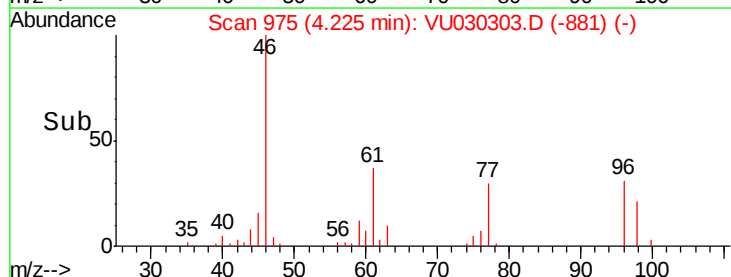
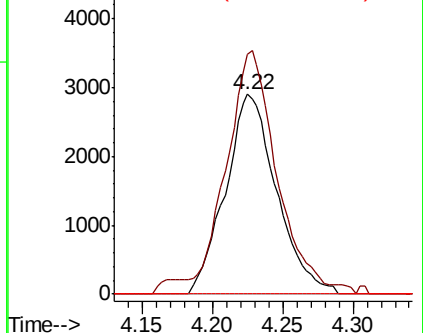
68 0.0 0.0 0.0

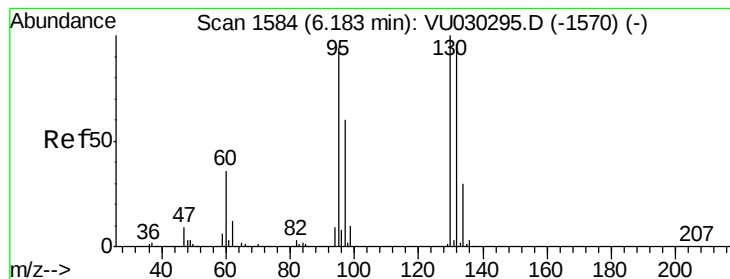


Abundance Ion 96.00 (95.70 to 96.70): VU030295.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU030295.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU030295.D (-956) (-)





#34

Trichloroethene

Concen: 17.706 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU030303.D

Acq: 22 Mar 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

BF198

Tgt Ion: 95 Resp: 67648

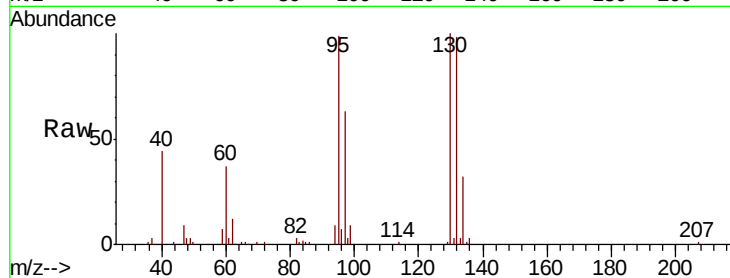
Ion Ratio Lower Upper

95 100

97 63.1 46.2 85.8

132 98.9 69.3 128.7

130 100.5 73.6 136.6

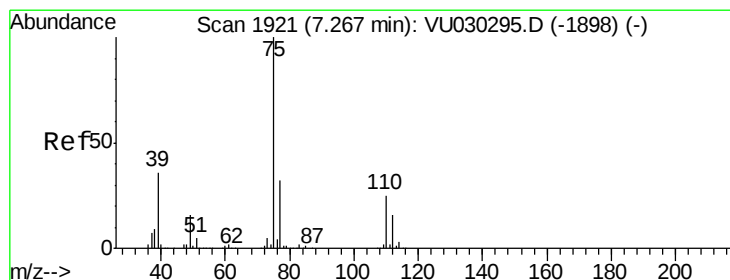
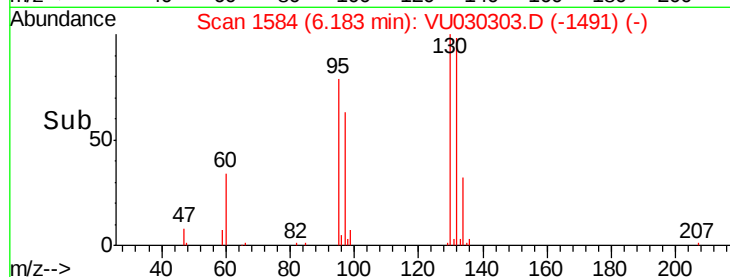
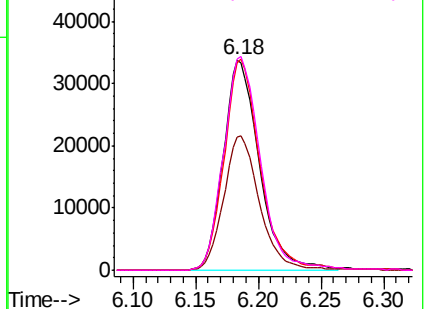


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.713 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030303.D

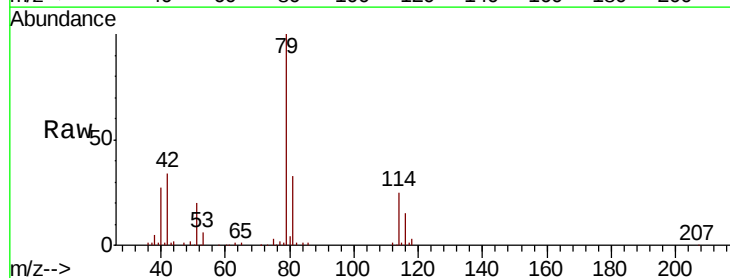
Acq: 22 Mar 2019 13:13

Tgt Ion: 75 Resp: 4248

Ion Ratio Lower Upper

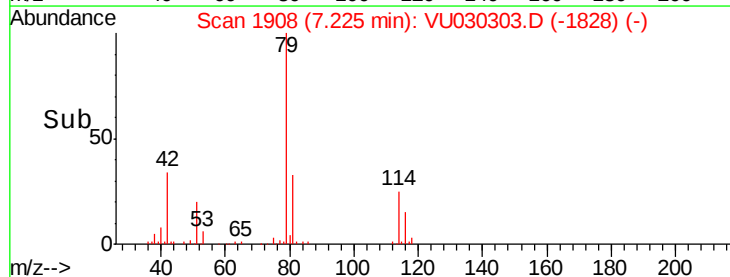
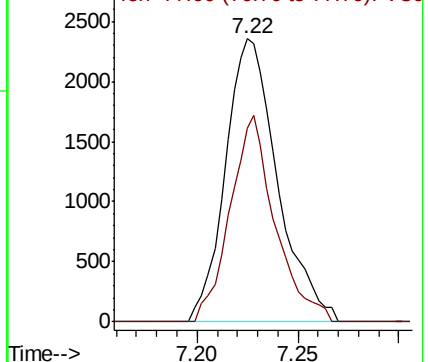
75 100

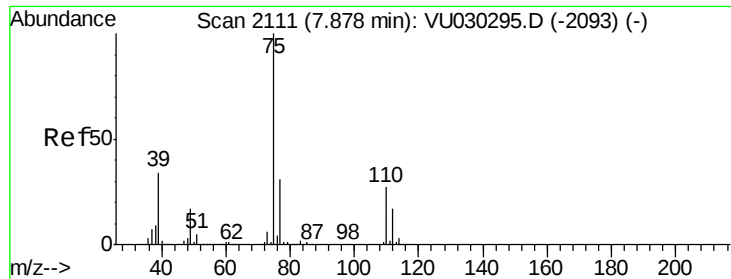
77 68.7 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.654 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030303.D

Acq: 22 Mar 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

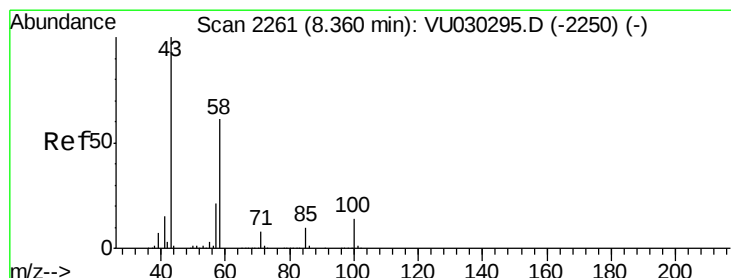
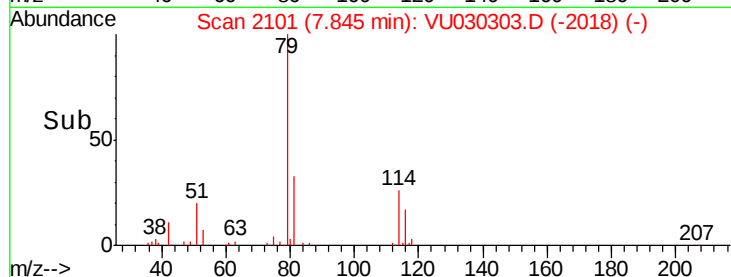
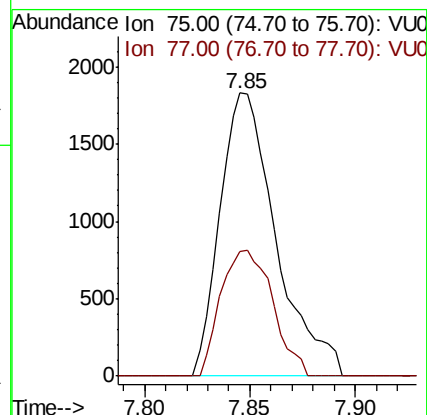
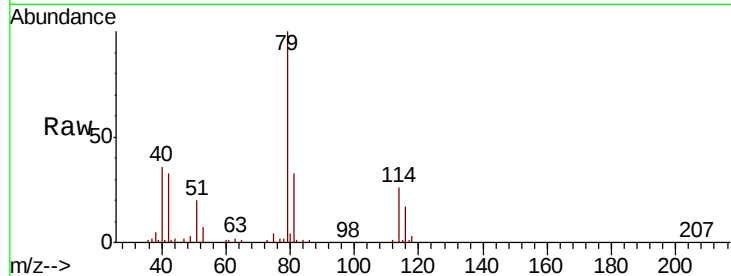
BF198

Tgt Ion: 75 Resp: 3372

Ion Ratio Lower Upper

75 100

77 43.9 22.7 42.1#



#48

2-Hexanone

Concen: 1.456 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU030303.D

Acq: 22 Mar 2019 13:13

Tgt Ion: 43 Resp: 6166

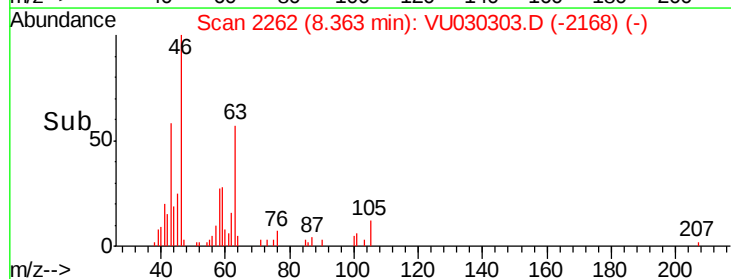
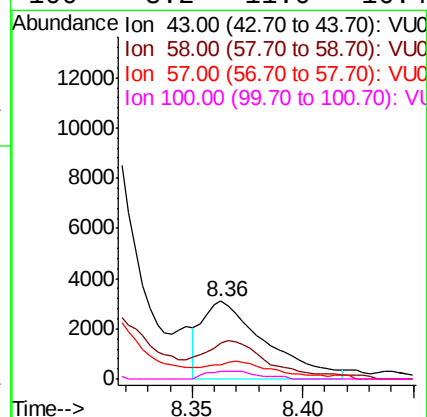
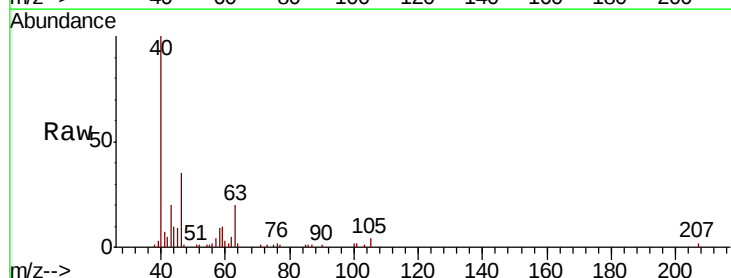
Ion Ratio Lower Upper

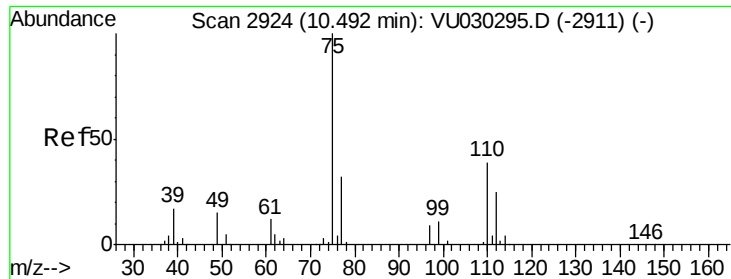
43 100

58 40.4 49.3 73.9#

57 23.7 17.0 25.4

100 8.2 11.0 16.4#

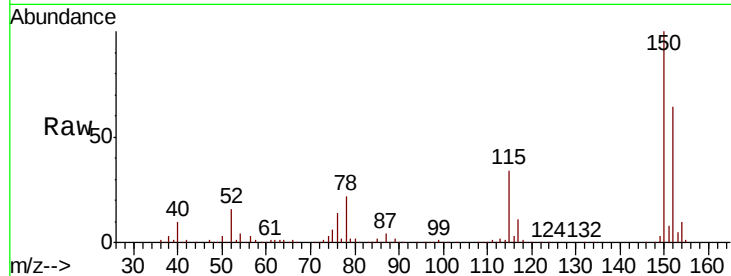




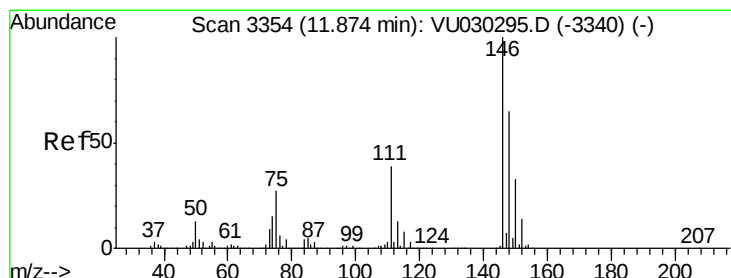
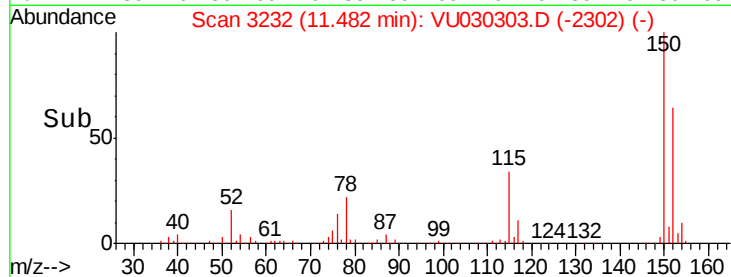
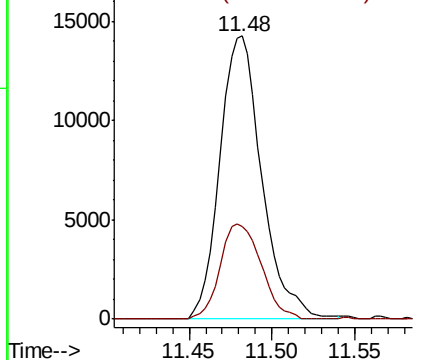
#59
 1,2,3-Trichloropropane
 Concen: 4.986 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030303.D
 Acq: 22 Mar 2019 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BF198

Tgt Ion: 75 Resp: 25015
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.8

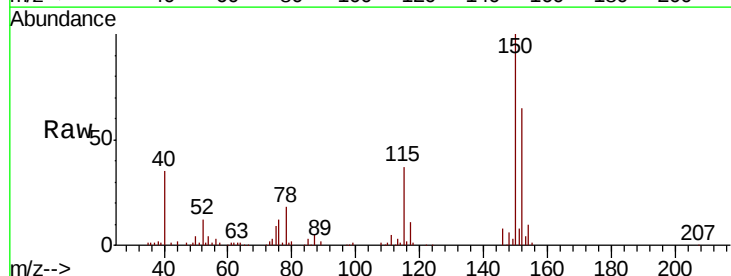


Abundance Ion 75.00 (74.70 to 75.70): VU030303.D (-2911) (-)
 Ion 77.00 (76.70 to 77.70): VU030303.D (-2911) (-)



#65
 1,2-Dichlorobenzene
 Concen: 0.929 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030303.D
 Acq: 22 Mar 2019 13:13

Tgt Ion: 146 Resp: 6964
 Ion Ratio Lower Upper
 146 100
 111 59.3 31.7 47.5#
 148 70.2 52.0 78.0



Abundance Ion 146.00 (145.70 to 146.70): VU030295.D (-3340) (-)
 Ion 111.00 (110.70 to 111.70): VU030295.D (-3340) (-)
 Ion 148.00 (147.70 to 148.70): VU030295.D (-3340) (-)

