

Data File : VU031910.D
Acq On : 10 May 2019 23:53
Operator : JC/SP
Sample : K2705-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B51

Quant Time: May 11 02:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1000266	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	994494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	361623	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	356380	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.14%
7) Chloroethane-d5	1.67	69	316525	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.86%
11) 1,1-Dichloroethene-d2	2.27	63	514011	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.66%
21) 2-Butanone-d5	4.17	46	673639	88.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.81%
24) Chloroform-d	4.64	84	672401	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	5.30	65	461342	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
32) Benzene-d6	5.33	84	1389871	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
36) 1,2-Dichloropropane-d6	6.32	67	482402	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.80%
41) Toluene-d8	7.56	98	1143643	43.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	191380	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.00%
47) 2-Hexanone-d5	8.31	63	425832	91.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	679302	47.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	381214	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%

Target Compounds

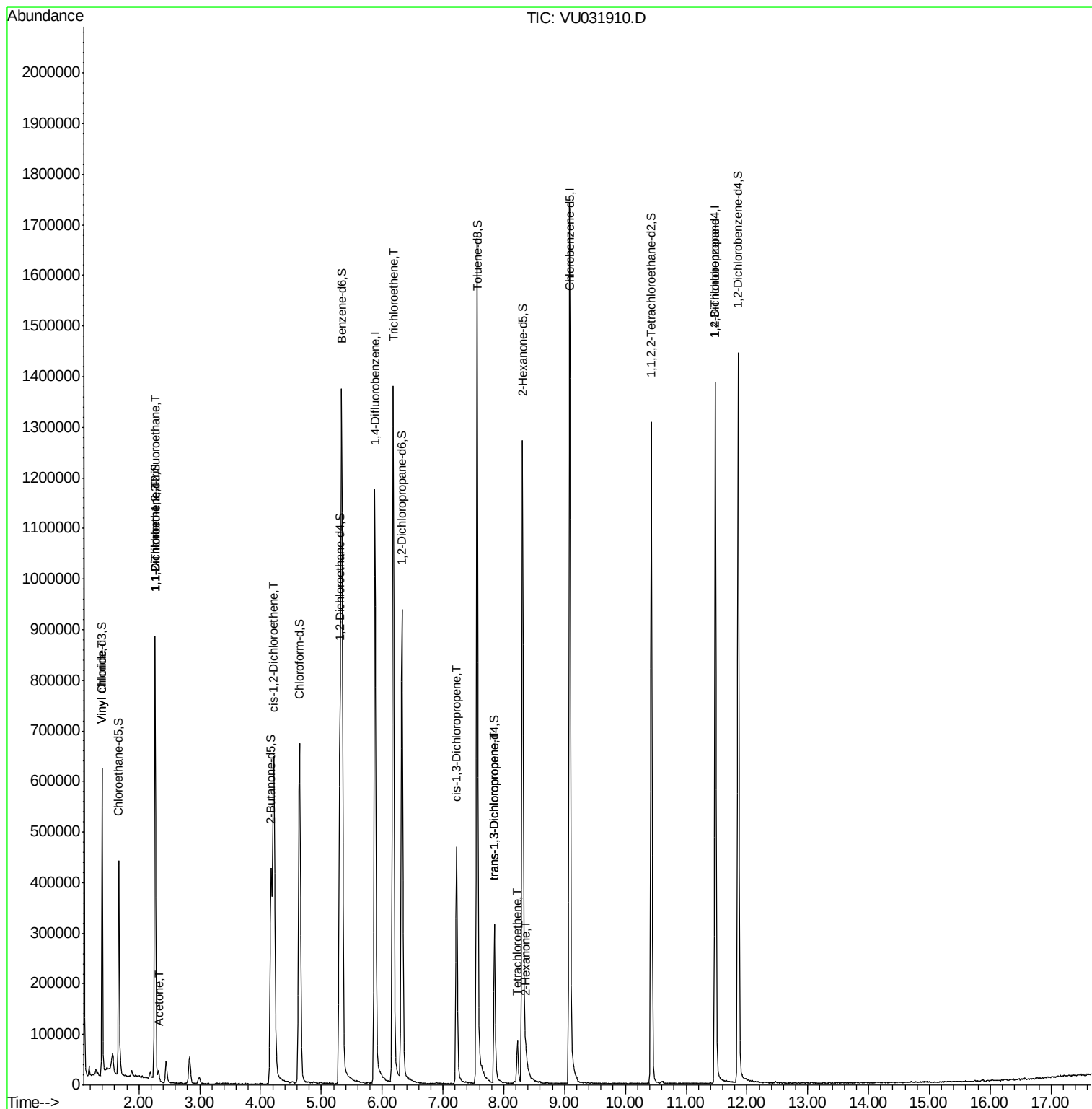
						Qvalue
5) Vinyl chloride	1.40	62	31204	2.508	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	4537	0.566	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	9112	1.168	ug/L #	1
13) Acetone	2.32	43	14353	1.680	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	335976	38.516	ug/L	99
34) Trichloroethene	6.18	95	519088	58.567	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	10544	0.769	ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	7437	0.598	ug/L	84
46) Tetrachloroethene	8.22	164	19466	3.222	ug/L	95
48) 2-Hexanone	8.37	43	22465	1.739	ug/L #	54
59) 1,2,3-Trichloropropane	11.48	75	48449	3.937	ug/L	94

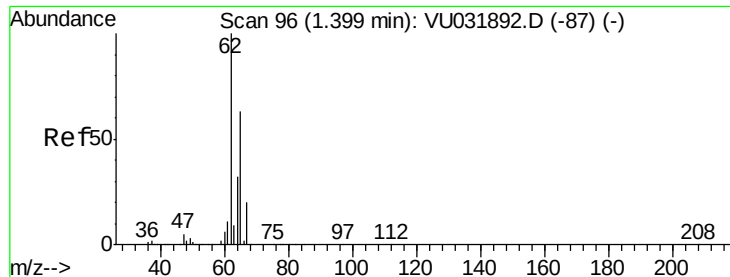
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031910.D
Acq On : 10 May 2019 23:53
Operator : JC/SP
Sample : K2705-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B51

Quant Time: May 11 02:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.508 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU031910.D

Acq: 10 May 2019 23:53

Instrument :

MSVOA_U

ClientSampleId :

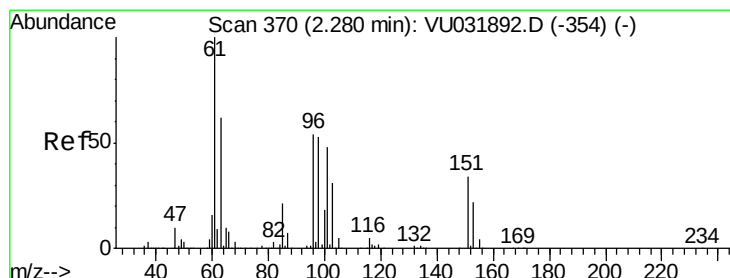
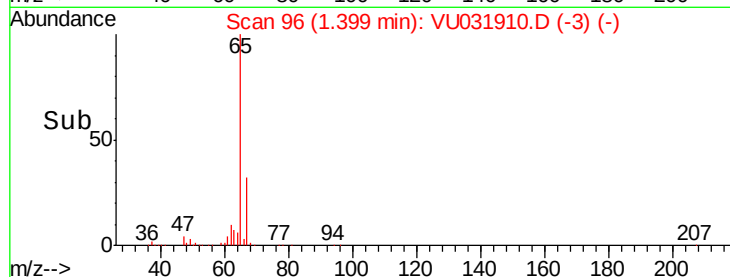
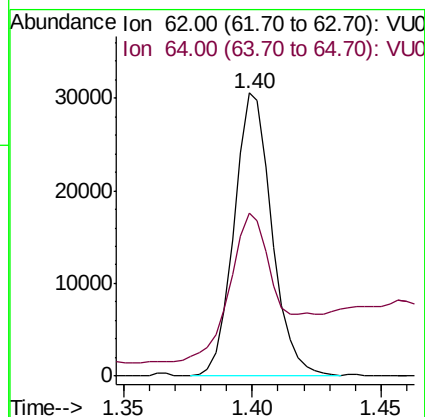
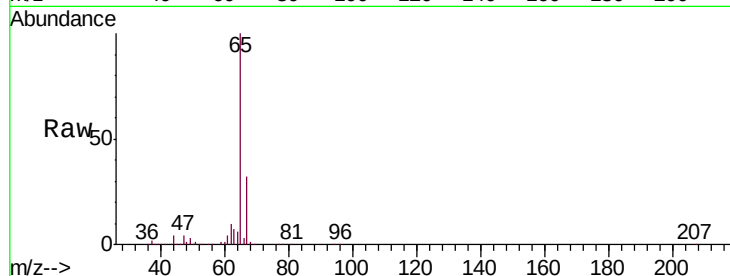
C0B51

Tgt Ion: 62 Resp: 31204

Ion Ratio Lower Upper

62 100

64 57.6 23.1 42.9#



#10

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

Concen: 0.566 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU031910.D

Acq: 10 May 2019 23:53

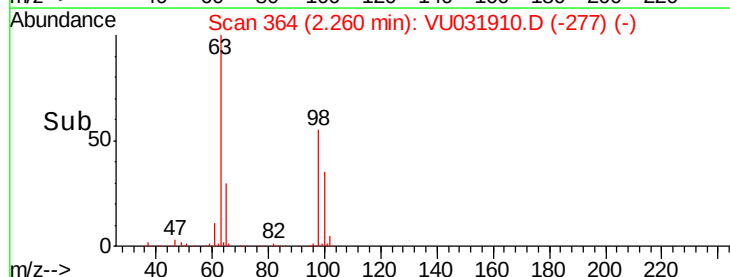
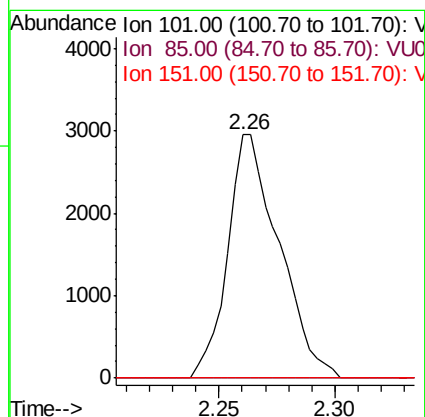
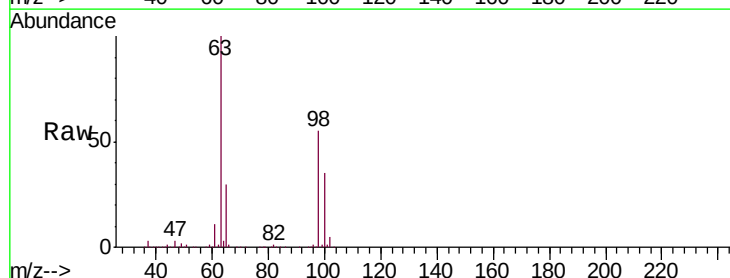
Tgt Ion: 101 Resp: 4537

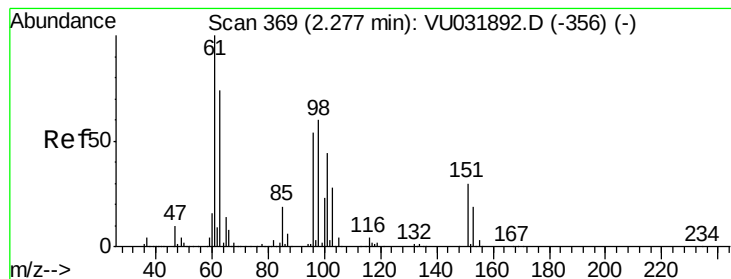
Ion Ratio Lower Upper

101 100

85 1.0 36.1 54.1#

151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 1.168 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU031910.D

Acq: 10 May 2019 23:53

Instrument :

MSVOA_U

ClientSampled :

C0B51

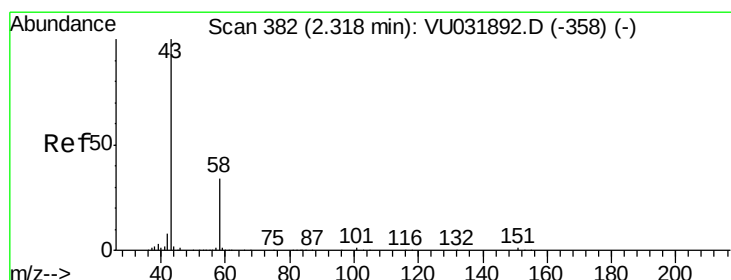
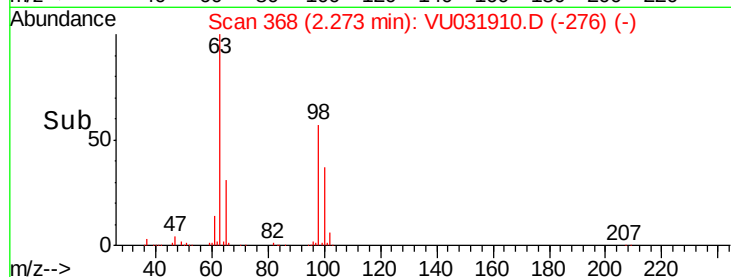
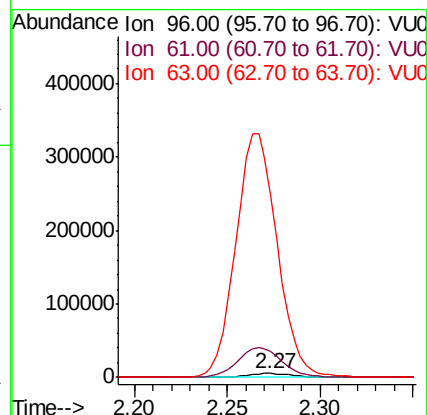
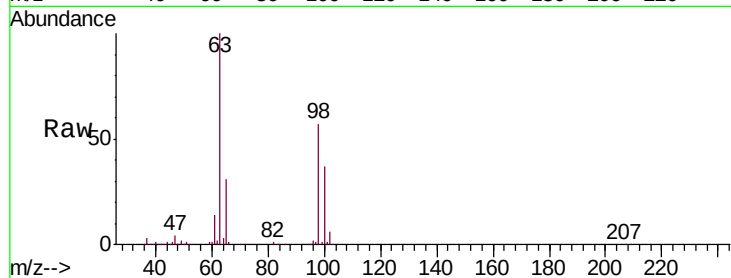
Tgt Ion: 96 Resp: 9112

Ion Ratio Lower Upper

96 100

61 699.1 135.0 250.6#

63 4959.4 103.5 192.3#



#13

Acetone

Concen: 1.680 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU031910.D

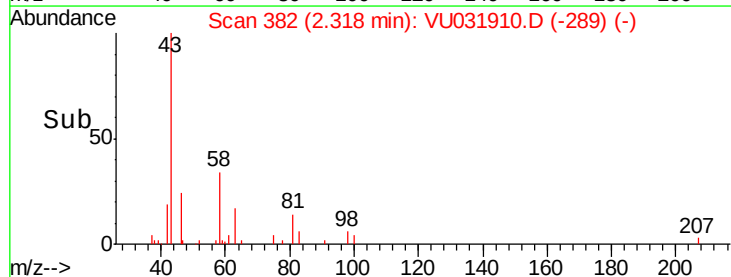
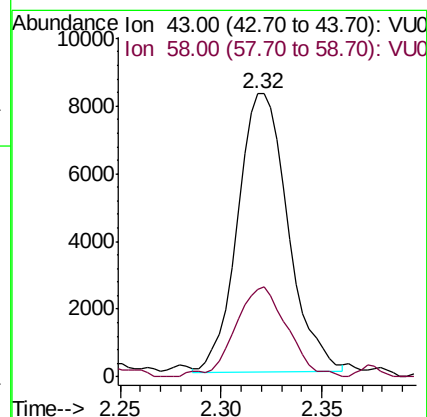
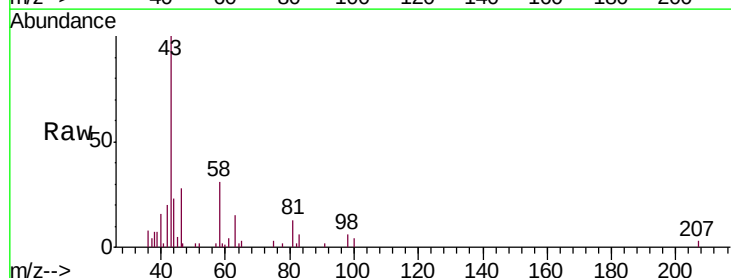
Acq: 10 May 2019 23:53

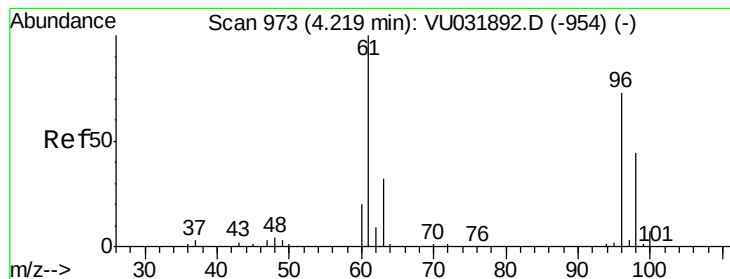
Tgt Ion: 43 Resp: 14353

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.4





#20

cis-1,2-Dichloroethene

Concen: 38.516 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031910.D

Acq: 10 May 2019 23:53

Instrument :

MSVOA_U

ClientSampleId :

C0B51

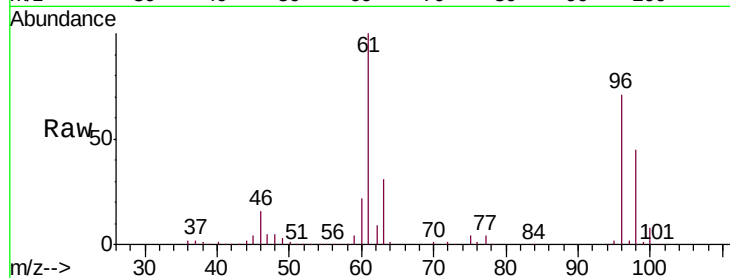
Tgt Ion: 96 Resp: 335976

Ion Ratio Lower Upper

96 100

61 141.4 99.5 184.7

68 0.0 0.0 0.0

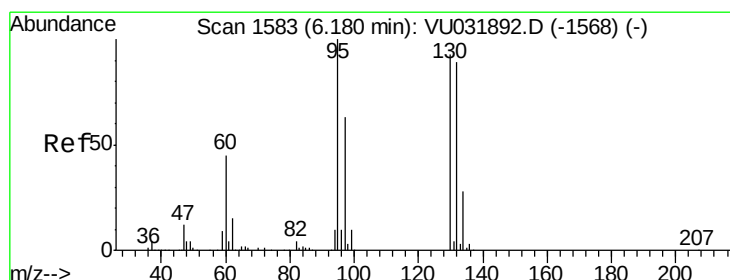
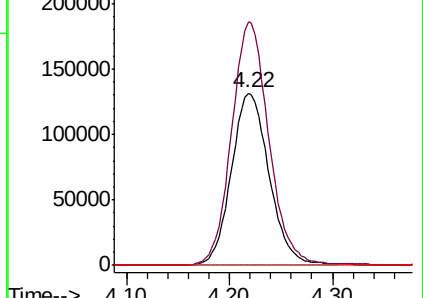
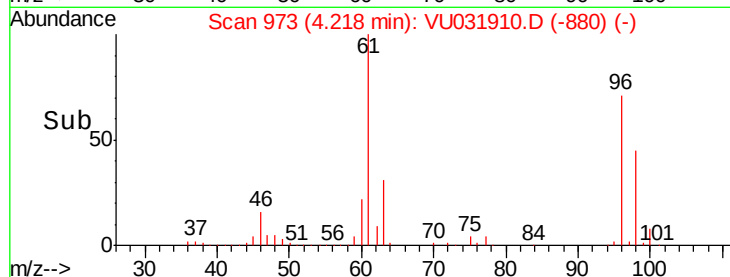


Abundance Ion 96.00 (95.70 to 96.70): VU031892.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU031892.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU031892.D (-954) (-)

Time-->



#34

Trichloroethene

Concen: 58.567 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031910.D

Acq: 10 May 2019 23:53

Tgt Ion: 95 Resp: 519088

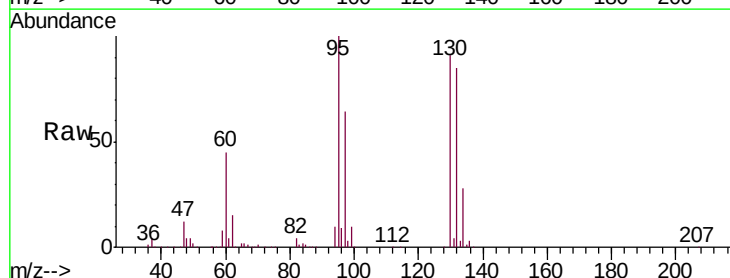
Ion Ratio Lower Upper

95 100

97 64.1 44.8 83.2

132 85.4 63.1 117.1

130 90.8 66.5 123.5



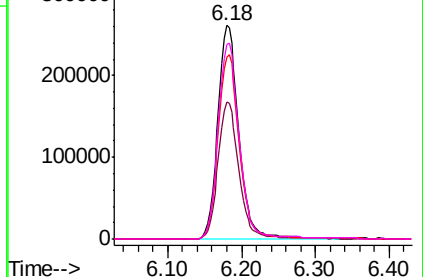
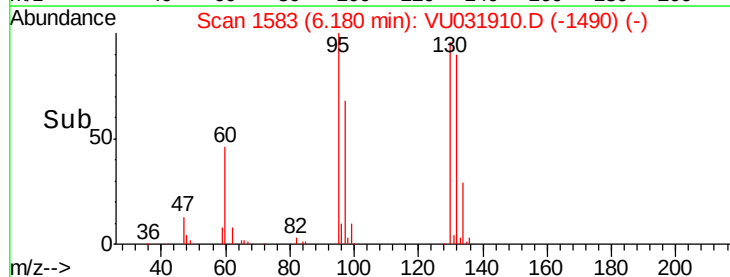
Abundance Ion 95.00 (94.70 to 95.70): VU031892.D (-1568) (-)

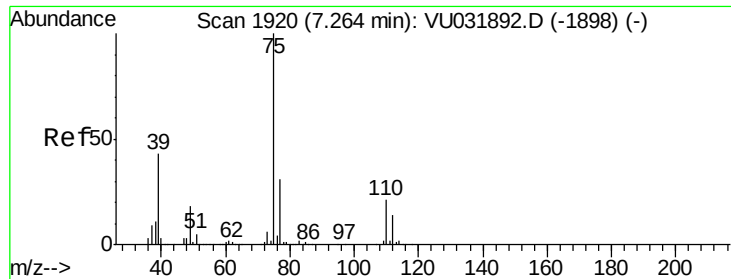
Ion 97.00 (96.70 to 97.70): VU031892.D (-1568) (-)

Ion 132.00 (131.70 to 132.70): VU031892.D (-1568) (-)

Ion 130.00 (129.70 to 130.70): VU031892.D (-1568) (-)

Time-->

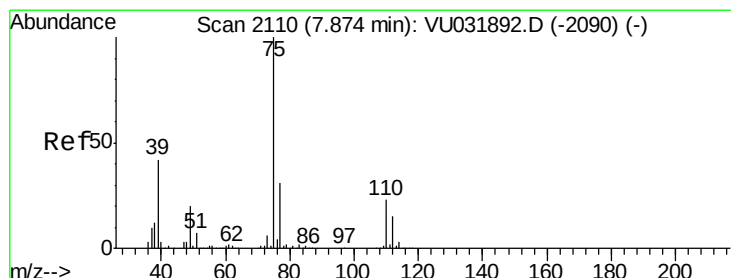
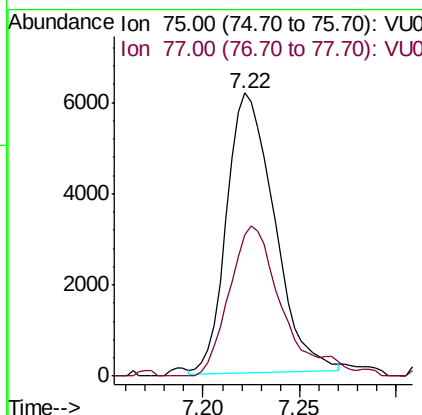
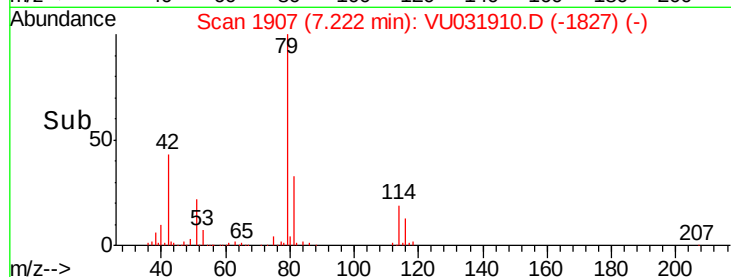
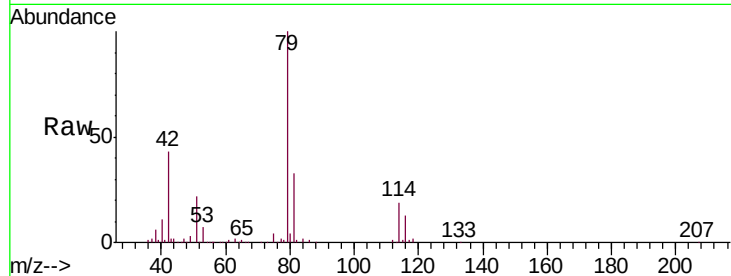




#39
 cis-1,3-Dichloropropene
 Concen: 0.769 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU031910.D
 Acq: 10 May 2019 23:53

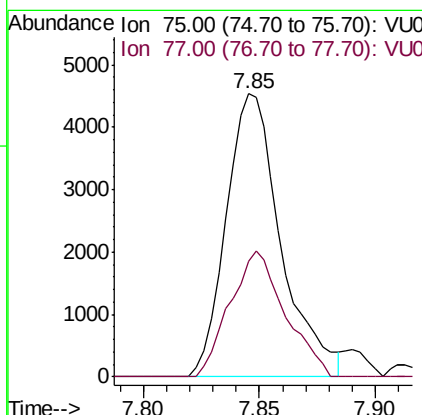
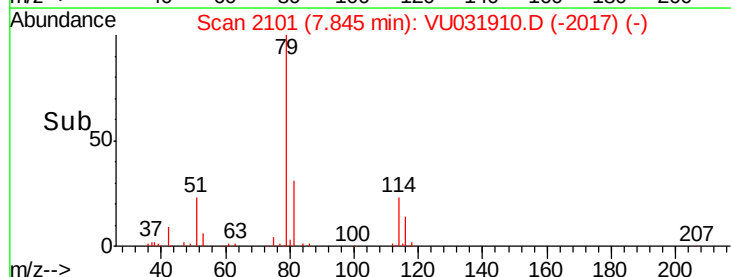
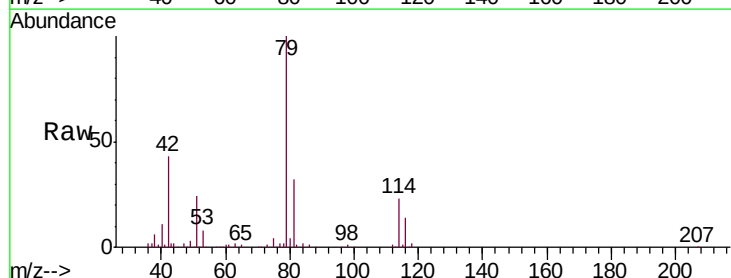
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B51

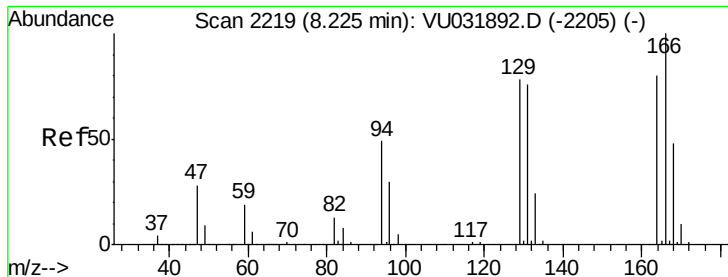
Tgt Ion: 75 Resp: 10544
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.598 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031910.D
 Acq: 10 May 2019 23:53

Tgt Ion: 75 Resp: 7437
 Ion Ratio Lower Upper
 75 100
 77 40.7 22.1 41.1





#46

Tetrachloroethene

Concen: 3.222 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031910.D

Acq: 10 May 2019 23:53

Instrument :

MSVOA_U

ClientSampleId :

C0B51

Tgt Ion:164 Resp: 19466

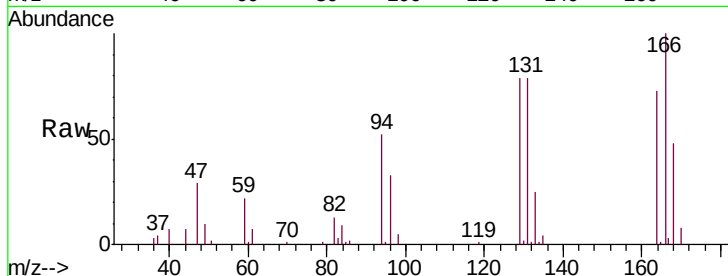
Ion Ratio Lower Upper

164 100

129 107.7 71.5 132.9

131 107.5 69.0 128.2

166 136.2 93.7 173.9

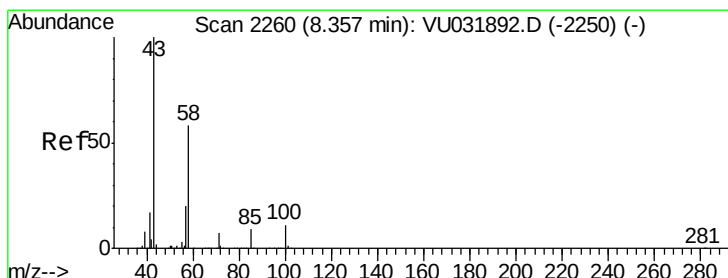
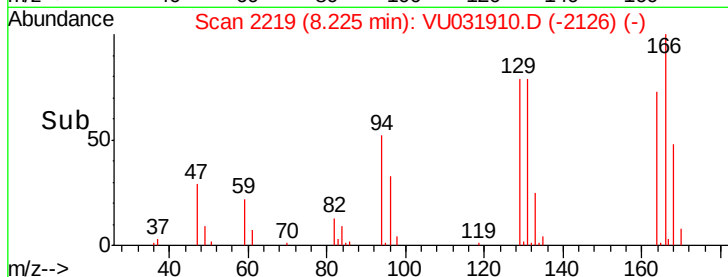
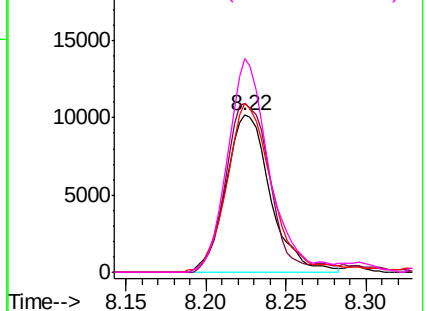


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 1.739 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031910.D

Acq: 10 May 2019 23:53

Tgt Ion: 43 Resp: 22465

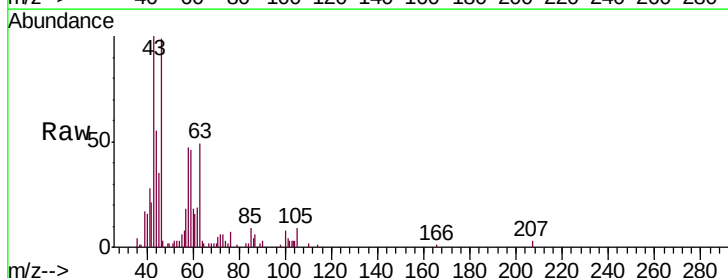
Ion Ratio Lower Upper

43 100

58 14.7 42.1 63.1#

57 0.0 14.6 22.0#

100 3.2 7.2 10.8#

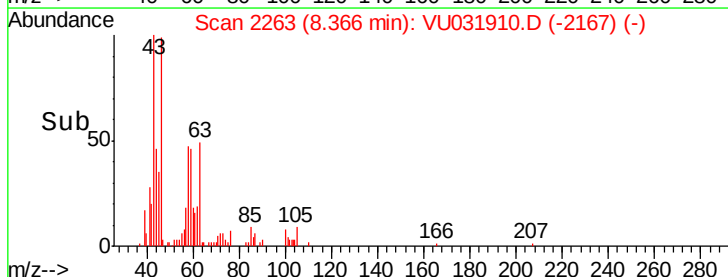
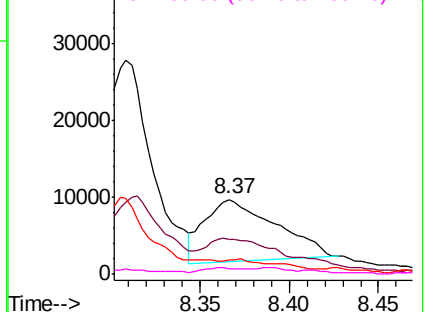


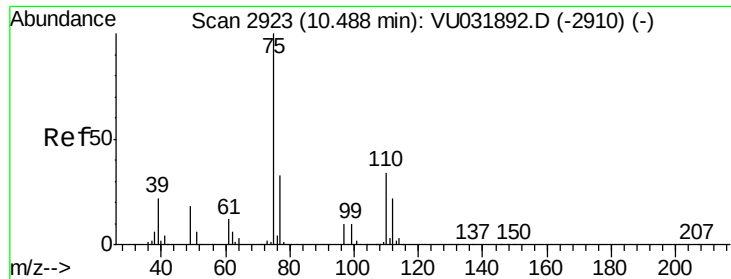
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 3.937 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031910.D

Acq: 10 May 2019 23:53

Instrument :

MSVOA_U

ClientSampleId :

C0B51

Tgt Ion: 75 Resp: 48449

Ion Ratio Lower Upper

75 100

77 35.9 25.9 38.9

