

Data File : VU031908.D
Acq On : 10 May 2019 23:05
Operator : JC/SP
Sample : K2705-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B48

Quant Time: May 11 02:50:40 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	1039485	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1037466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	399232	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	356681	41.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.00%
7) Chloroethane-d5	1.88	69	182	0.03	ug/L	0.22
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.26	63	511602	29.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.06%#
21) 2-Butanone-d5	4.17	46	655333	83.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.14%
24) Chloroform-d	4.64	84	665738	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.56%
26) 1,2-Dichloroethane-d4	5.30	65	449702	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.40%
32) Benzene-d6	5.33	84	1391897	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
36) 1,2-Dichloropropane-d6	6.32	67	477592	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.22%
41) Toluene-d8	7.56	98	1184089	42.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.34%
43) trans-1,3-Dichloropropene-	7.85	79	186863	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
47) 2-Hexanone-d5	8.31	63	456931	94.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	657684	43.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	399176	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%

Target Compounds

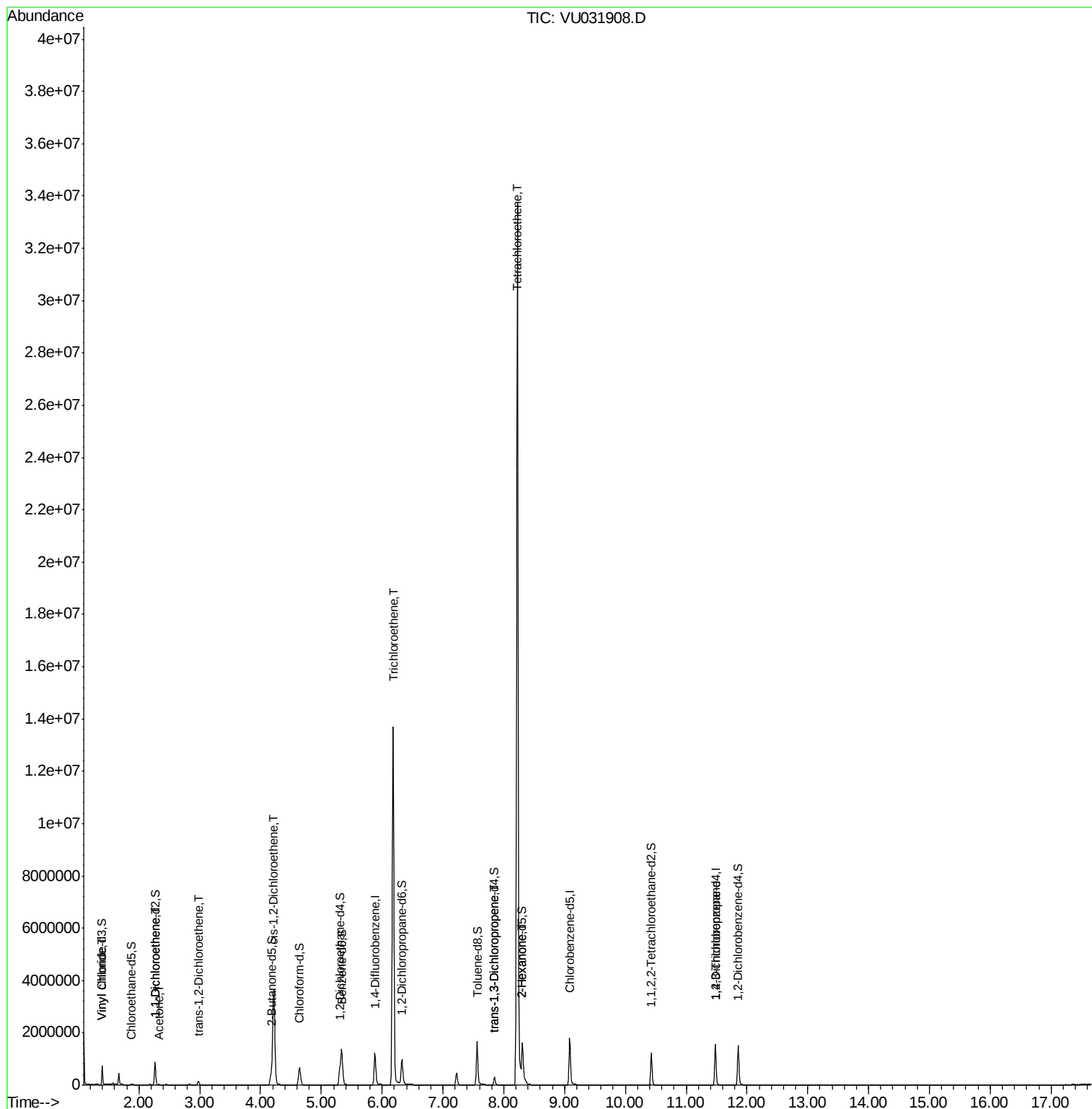
						Qvalue
5) Vinyl chloride	1.40	62	140287	10.850	ug/L	95
12) 1,1-Dichloroethene	2.28	96	15293	1.886	ug/L #	1
13) Acetone	2.32	43	11642	1.311	ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	60276	7.133	ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	2006096	221.303	ug/L	95
34) Trichloroethene	6.18	95	4939779	534.255	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	7171	0.553	ug/L #	83
46) Tetrachloroethene	8.22	164	7479245	1186.543	ug/L	97
48) 2-Hexanone	8.31	43	56329	4.180	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	54267	4.227	ug/L	91

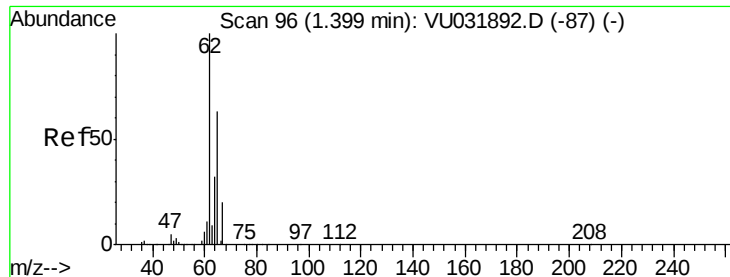
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031908.D
Acq On : 10 May 2019 23:05
Operator : JC/SP
Sample : K2705-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B48

Quant Time: May 11 02:50:40 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: 10.850 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU031908.D

Acq: 10 May 2019 23:05

Instrument :

MSVOA_U

ClientSampleId :

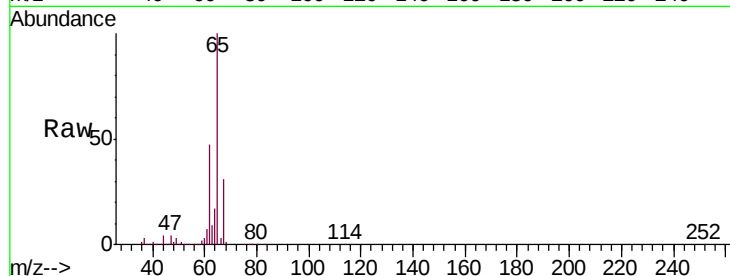
C0B48

Tgt Ion: 62 Resp: 140287

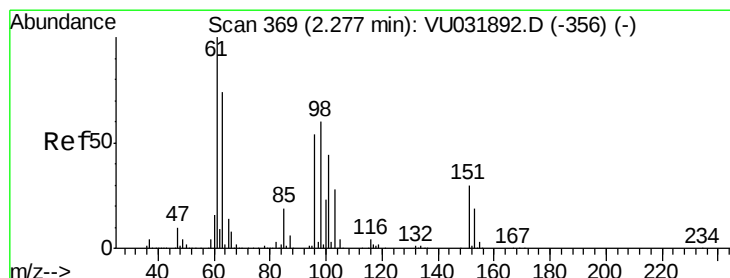
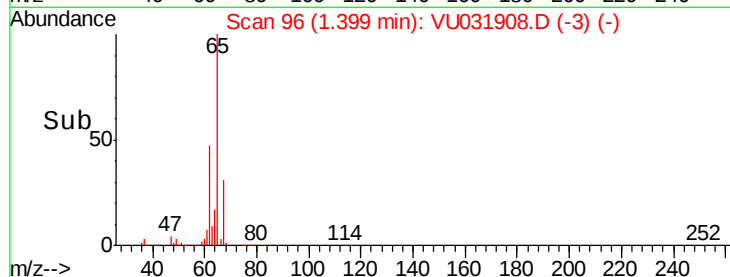
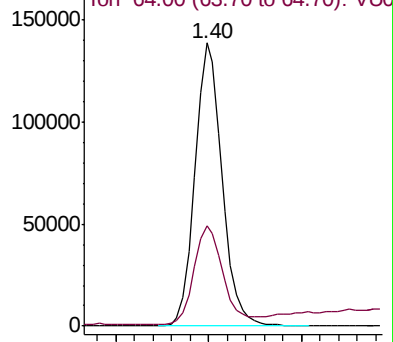
Ion Ratio Lower Upper

62 100

64 35.6 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VU031892.D (-87) (-)



#12

1,1-Dichloroethene

Concen: 1.886 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU031908.D

Acq: 10 May 2019 23:05

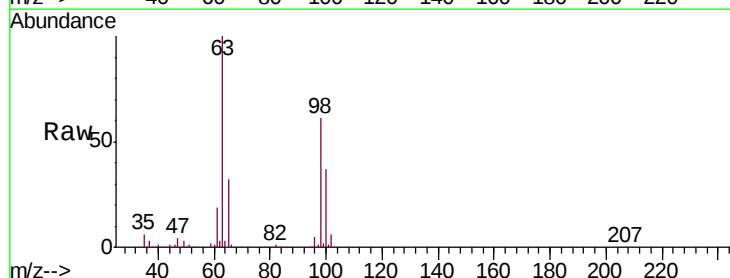
Tgt Ion: 96 Resp: 15293

Ion Ratio Lower Upper

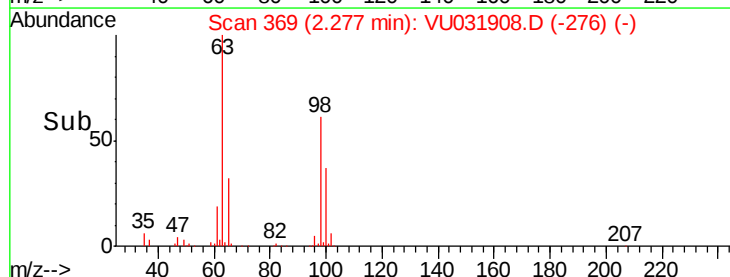
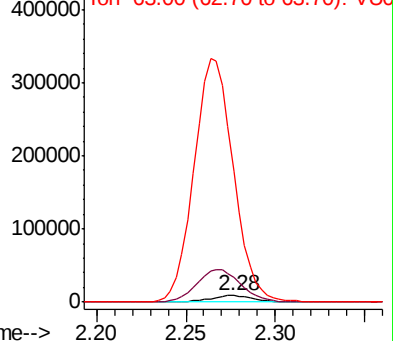
96 100

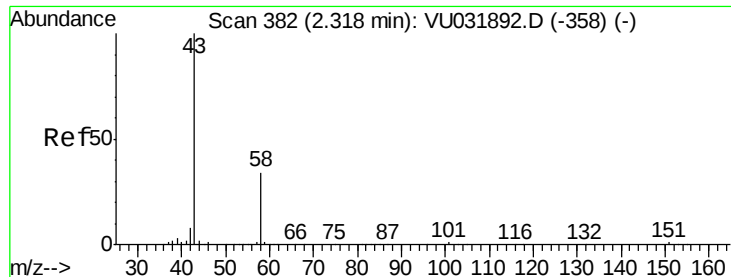
61 383.6 135.0 250.6#

63 1989.7 103.5 192.3#



Abundance Ion 96.00 (95.70 to 96.70): VU031892.D (-356) (-)





#13

Acetone

Concen: 1.311 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU031908.D

Acq: 10 May 2019 23:05

Instrument :

MSVOA_U

ClientSampleId :

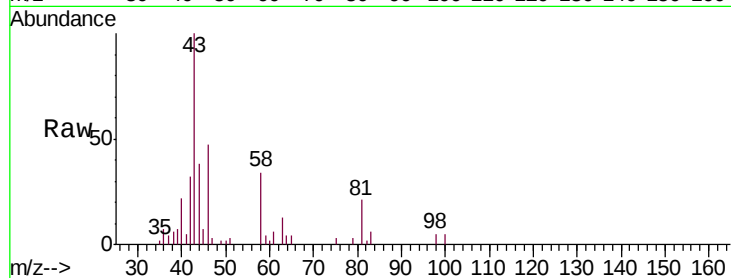
C0B48

Tgt Ion: 43 Resp: 11642

Ion Ratio Lower Upper

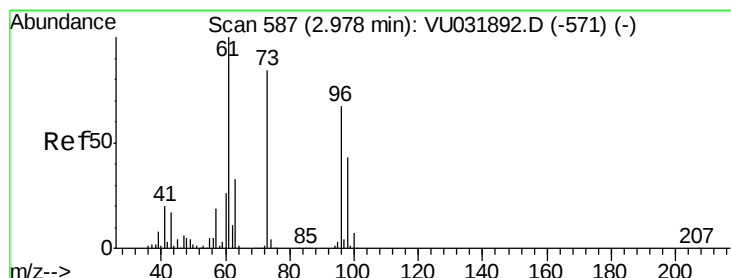
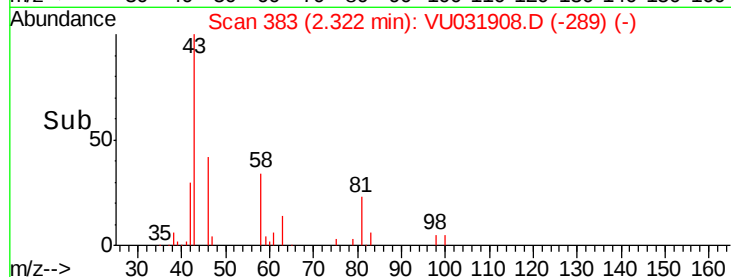
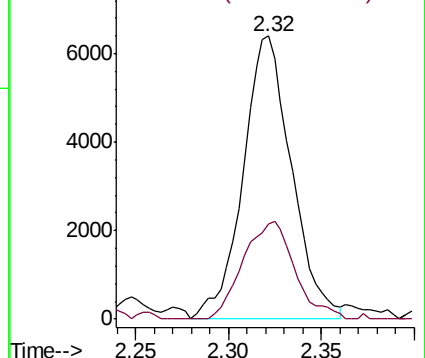
43 100

58 35.2 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031908.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU031908.D (-358) (-)



#17

trans-1,2-Dichloroethene

Concen: 7.133 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU031908.D

Acq: 10 May 2019 23:05

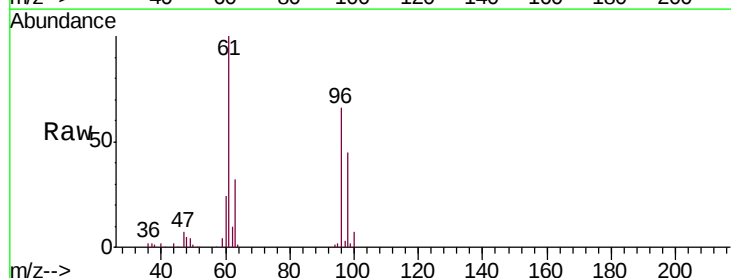
Tgt Ion: 96 Resp: 60276

Ion Ratio Lower Upper

96 100

61 150.6 114.5 212.7

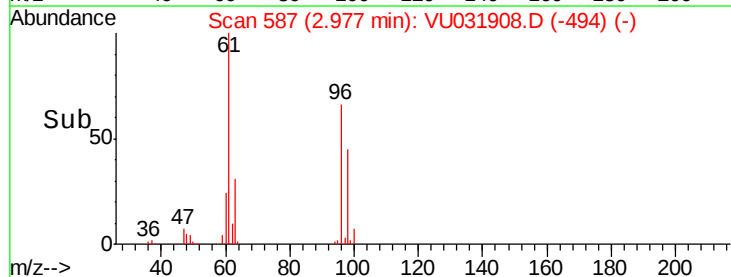
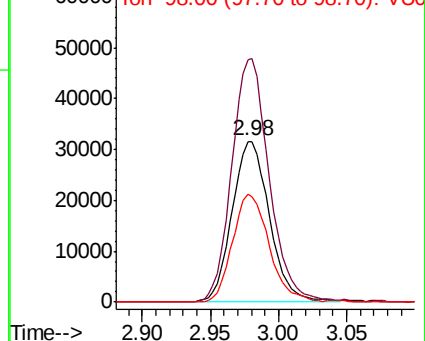
98 67.2 45.4 84.2

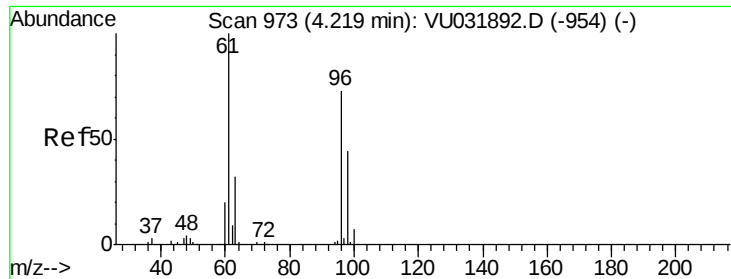


Abundance Ion 96.00 (95.70 to 96.70): VU031908.D (-494) (-)

Ion 61.00 (60.70 to 61.70): VU031908.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU031908.D (-494) (-)

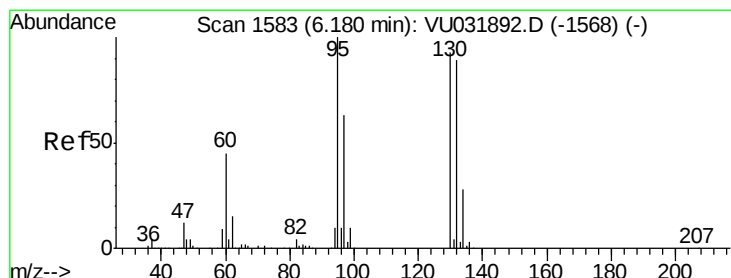
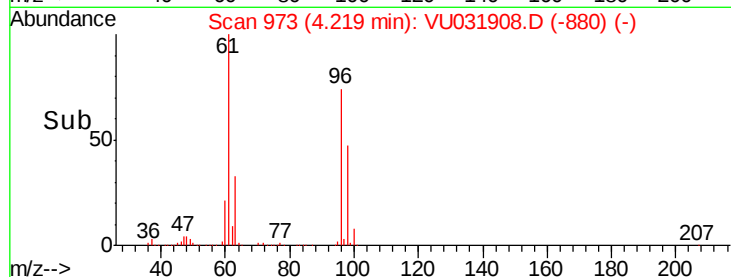
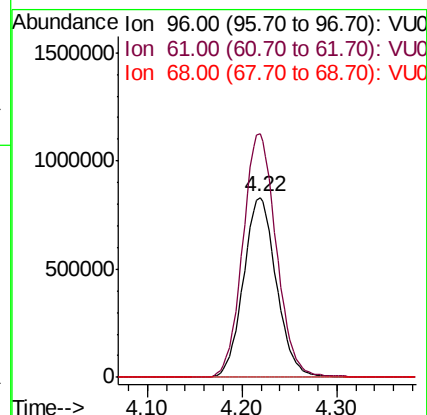
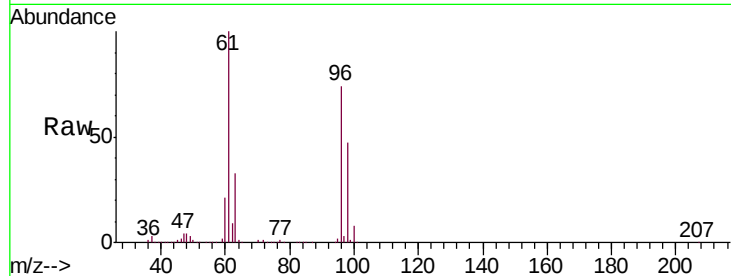




#20
 cis-1,2-Dichloroethene
 Concen: 221.303 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031908.D
 Acq: 10 May 2019 23:05

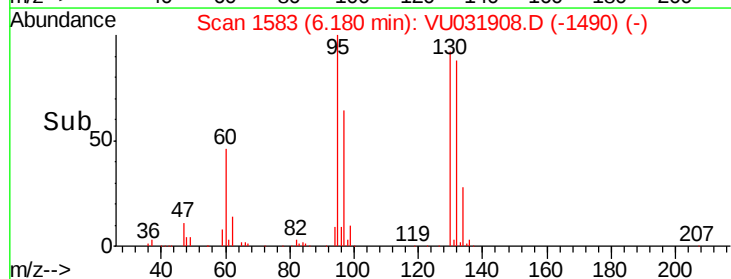
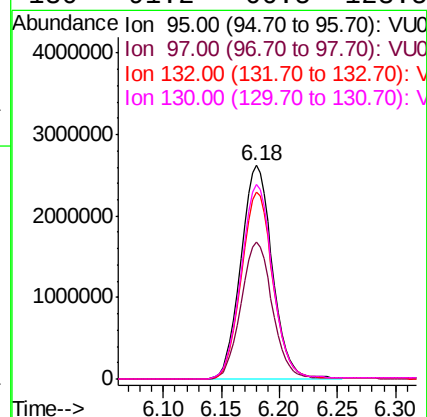
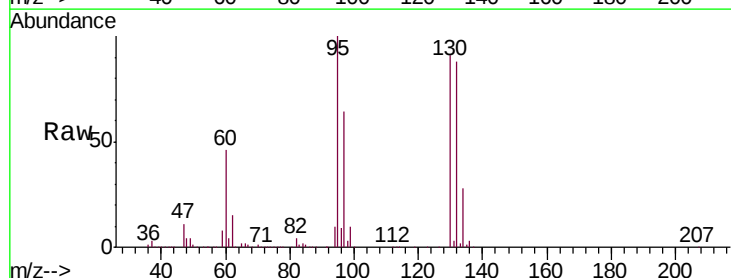
Instrument :
 MSVOA_U
 ClientSampled :
 C0B48

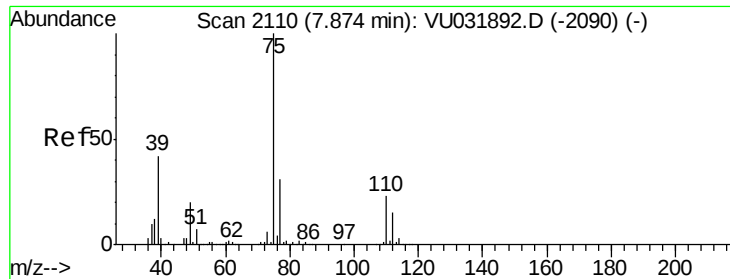
Tgt Ion: 96 Resp: 2006096
 Ion Ratio Lower Upper
 96 100
 61 135.4 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 534.255 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031908.D
 Acq: 10 May 2019 23:05

Tgt Ion: 95 Resp: 4939779
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.8 83.2
 132 87.5 63.1 117.1
 130 91.2 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031908.D

Acq: 10 May 2019 23:05

Instrument :

MSVOA_U

ClientSampleId :

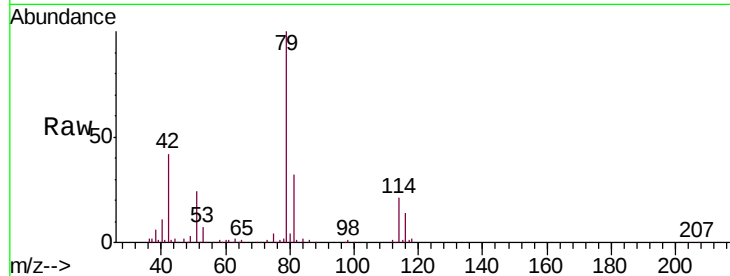
C0B48

Tgt Ion: 75 Resp: 7171

Ion Ratio Lower Upper

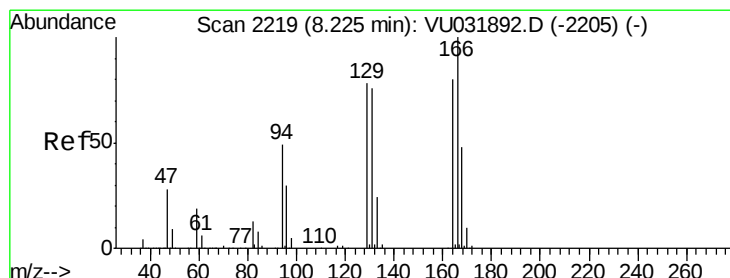
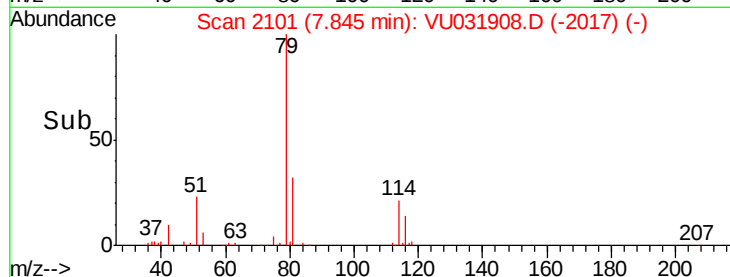
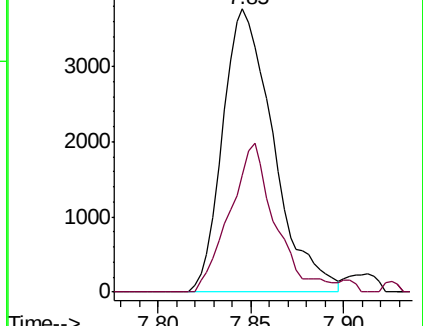
75 100

77 41.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031892.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU031892.D (-2090) (-)



#46

Tetrachloroethene

Concen: 1186.543 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031908.D

Acq: 10 May 2019 23:05

Tgt Ion: 164 Resp: 7479245

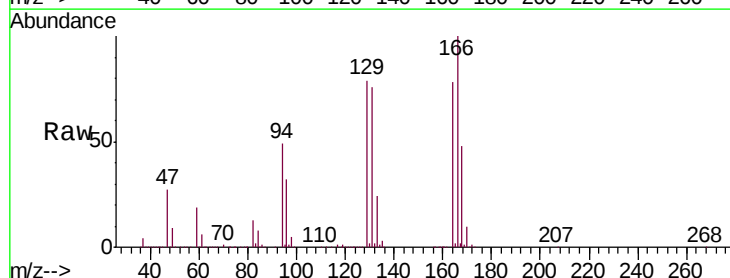
Ion Ratio Lower Upper

164 100

129 100.4 71.5 132.9

131 97.1 69.0 128.2

166 127.7 93.7 173.9

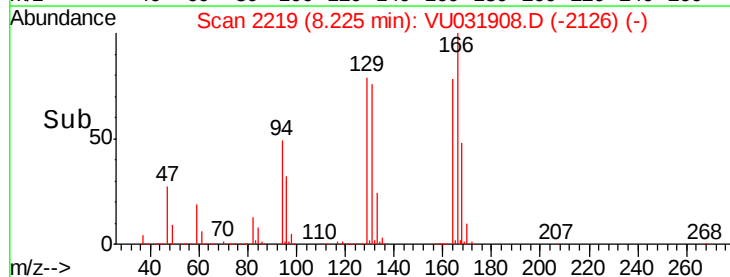
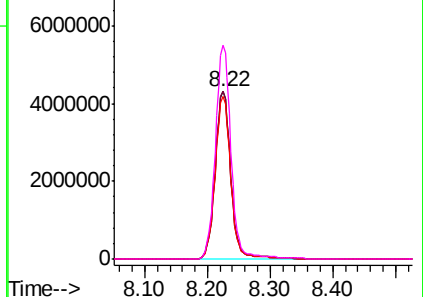


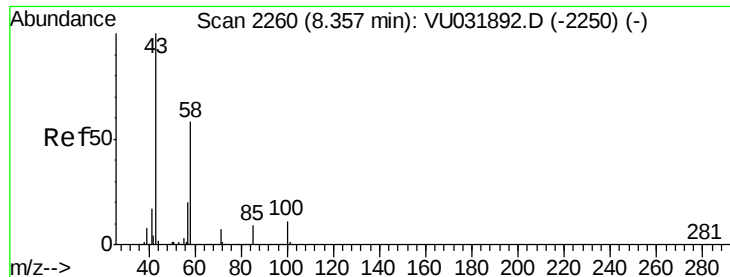
Abundance Ion 164.00 (163.70 to 164.70): VU031892.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031892.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031892.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031892.D (-2205) (-)

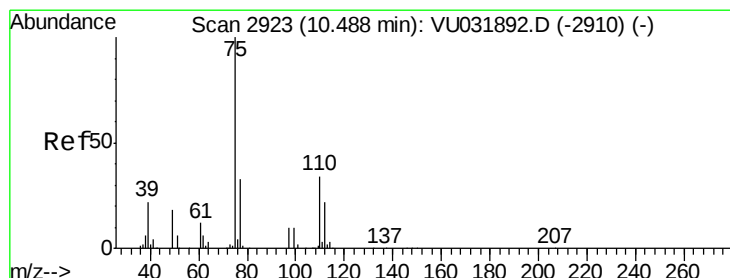
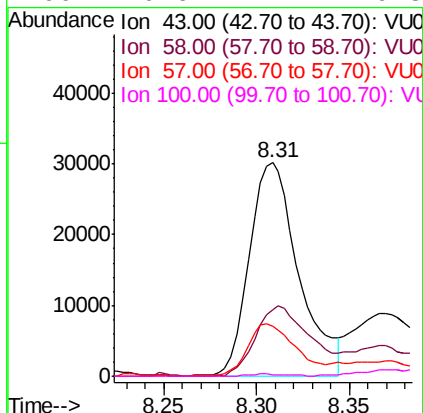
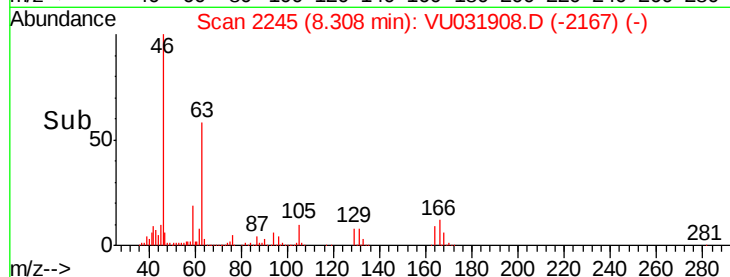
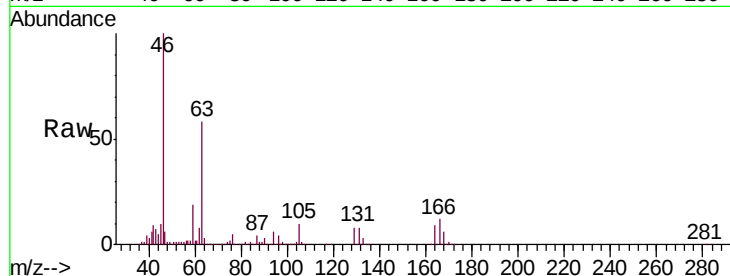




#48
2-Hexanone
Concen: 4.180 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031908.D
Acq: 10 May 2019 23:05

Instrument :
MSVOA_U
ClientSampleId :
C0B48

Tgt Ion: 43 Resp: 56329
Ion Ratio Lower Upper
43 100
58 36.6 42.1 63.1#
57 23.1 14.6 22.0#
100 0.6 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.227 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031908.D
Acq: 10 May 2019 23:05

Tgt Ion: 75 Resp: 54267
Ion Ratio Lower Upper
75 100
77 37.4 25.9 38.9

