

Data File : VU031913.D
Acq On : 11 May 2019 01:04
Operator : JC/SP
Sample : K2705-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B54

Quant Time: May 11 02:51:45 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	1043232	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1087952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	407502	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	363450	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.26%
7) Chloroethane-d5	1.67	69	326074	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.66%
11) 1,1-Dichloroethene-d2	2.27	63	568859	32.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.44%
21) 2-Butanone-d5	4.17	46	691380	87.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.40%
24) Chloroform-d	4.64	84	707679	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.30	65	467385	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.33	84	1454436	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
36) 1,2-Dichloropropane-d6	6.32	67	511413	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.02%
41) Toluene-d8	7.56	98	1273258	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	7.85	79	203424	40.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.64%
47) 2-Hexanone-d5	8.31	63	480979	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	700210	44.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	420044	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

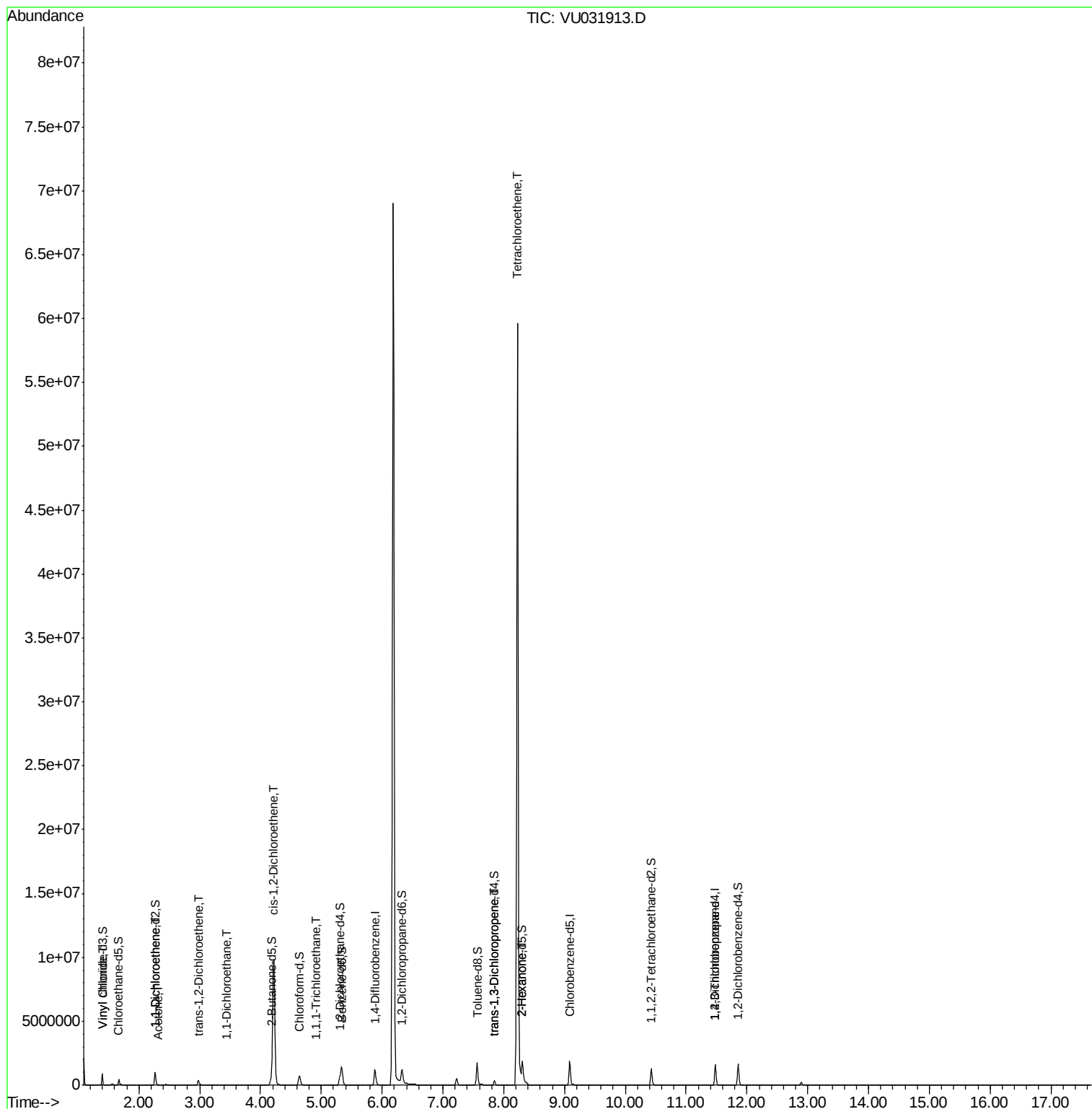
						Qvalue
5) Vinyl chloride	1.40	62	231954	17.875	ug/L	96
12) 1,1-Dichloroethene	2.28	96	41877	5.145	ug/L #	1
13) Acetone	2.32	43	9381	1.053	ug/L	82
17) trans-1,2-Dichloroethene	2.98	96	132518	15.625	ug/L	92
19) 1,1-Dichloroethane	3.44	63	27650	1.548	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	5430838	596.951	ug/L	96
30) 1,1,1-Trichloroethane	4.91	97	21990	1.443	ug/L	97
44) trans-1,3-Dichloropropene	7.84	75	7846	0.577	ug/L	85
46) Tetrachloroethene	8.23	164	13176206	1993.335	ug/L	92
48) 2-Hexanone	8.31	43	56317	3.986	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	57103	4.241	ug/L	95

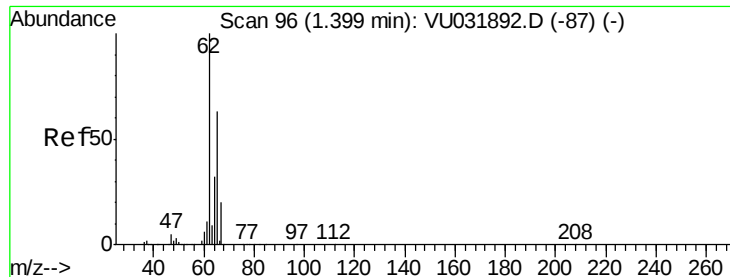
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 17.875 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031913.D

Acq: 11 May 2019 01:04

Instrument :

MSVOA_U

ClientSampleId :

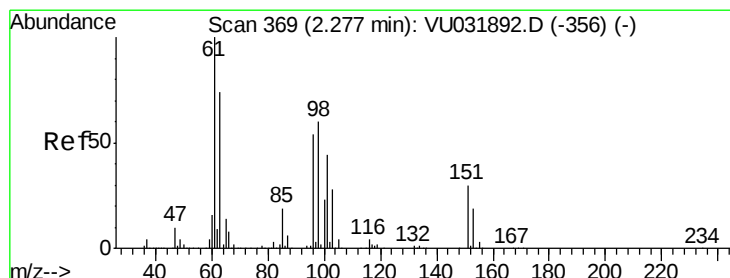
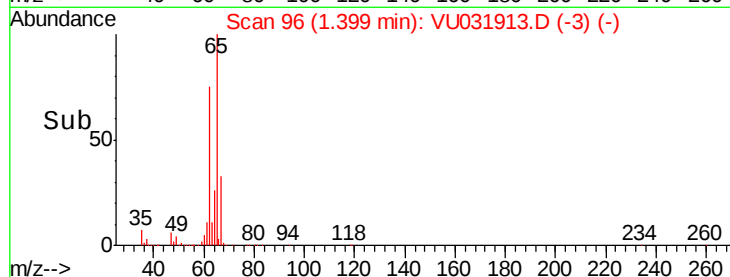
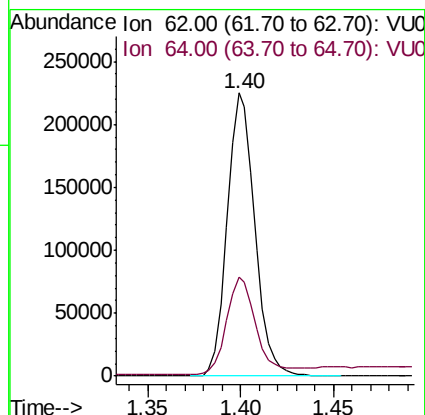
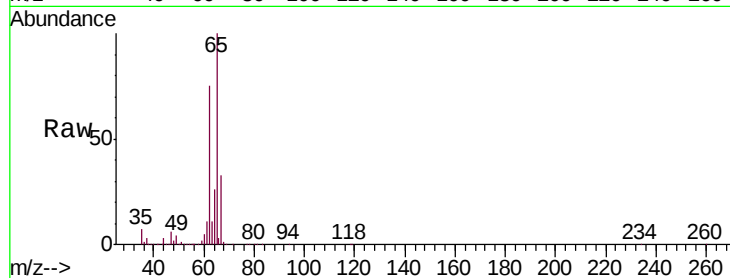
C0B54

Tgt Ion: 62 Resp: 231954

Ion Ratio Lower Upper

62 100

64 35.0 23.1 42.9



#12

1,1-Dichloroethene

Concen: 5.145 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU031913.D

Acq: 11 May 2019 01:04

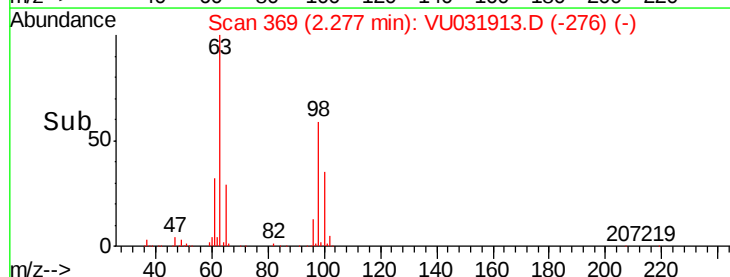
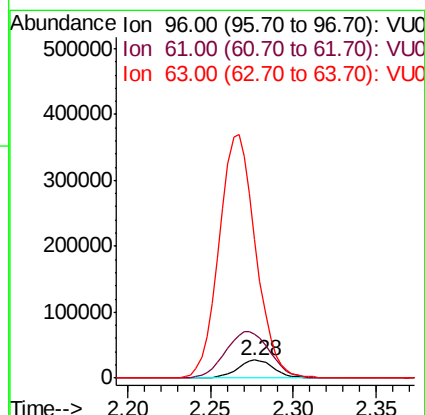
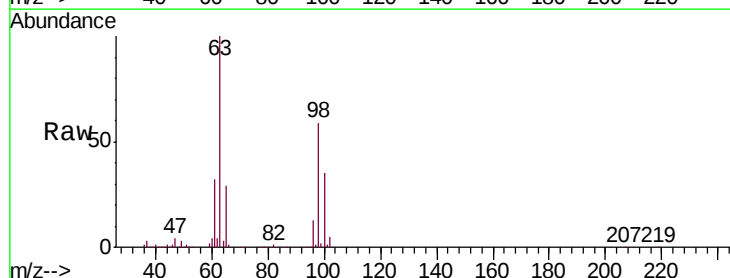
Tgt Ion: 96 Resp: 41877

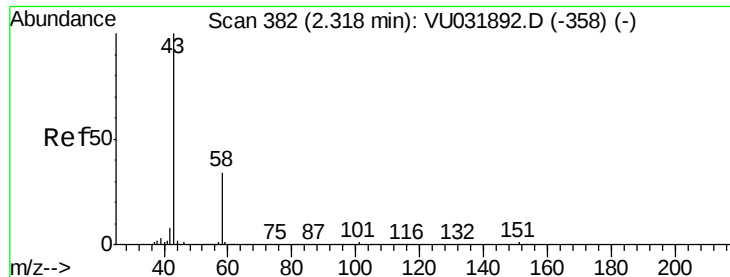
Ion Ratio Lower Upper

96 100

61 249.6 135.0 250.6

63 781.3 103.5 192.3#





#13

Acetone

Concen: 1.053 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU031913.D

Acq: 11 May 2019 01:04

Instrument :

MSVOA_U

ClientSampled :

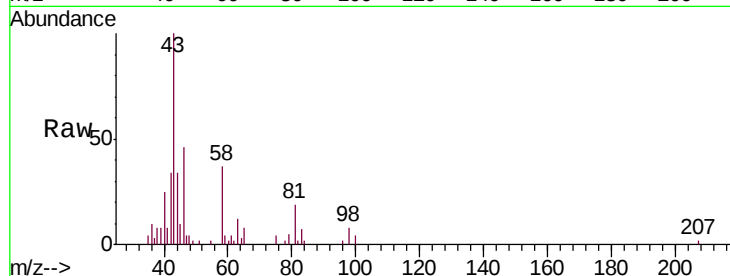
C0B54

Tgt Ion: 43 Resp: 9381

Ion Ratio Lower Upper

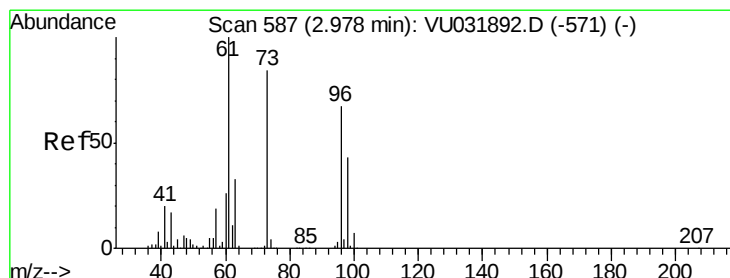
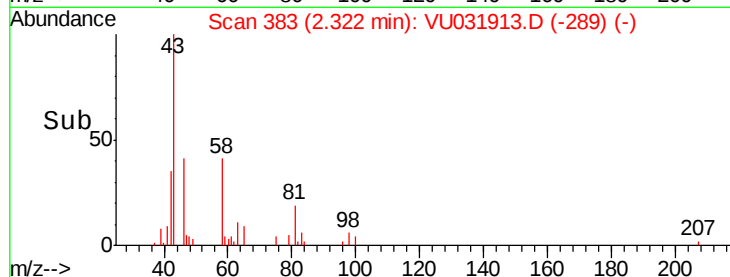
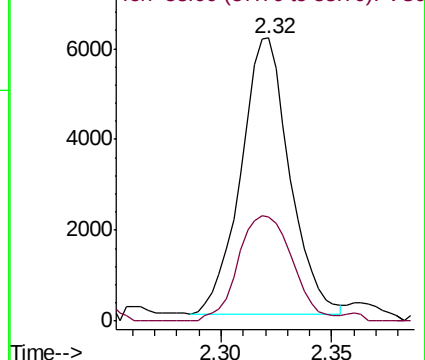
43 100

58 42.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031892.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU031892.D (-358) (-)



#17

trans-1,2-Dichloroethene

Concen: 15.625 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU031913.D

Acq: 11 May 2019 01:04

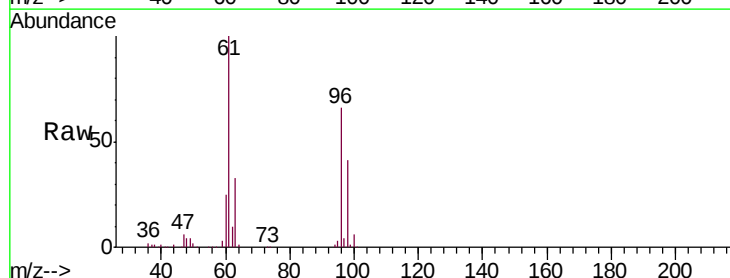
Tgt Ion: 96 Resp: 132518

Ion Ratio Lower Upper

96 100

61 151.0 114.5 212.7

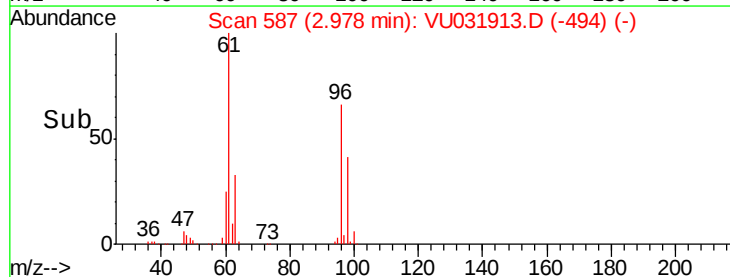
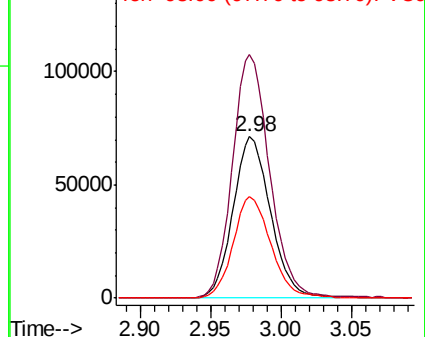
98 62.6 45.4 84.2

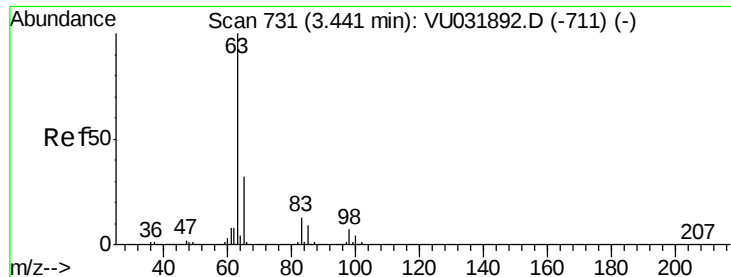


Abundance Ion 96.00 (95.70 to 96.70): VU031892.D (-571) (-)

Ion 61.00 (60.70 to 61.70): VU031892.D (-571) (-)

Ion 98.00 (97.70 to 98.70): VU031892.D (-571) (-)

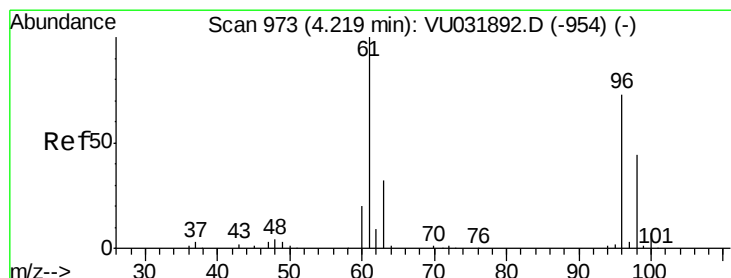
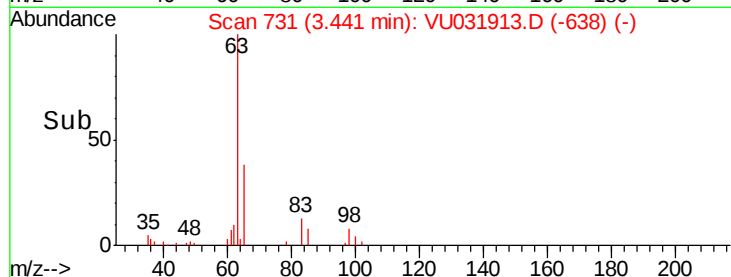
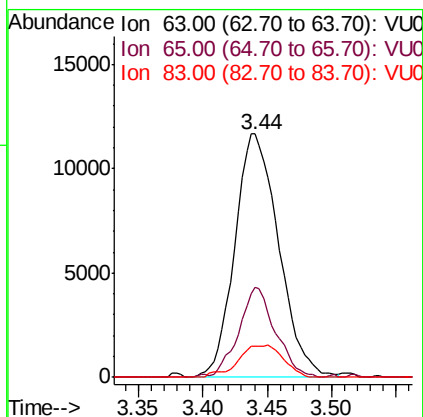
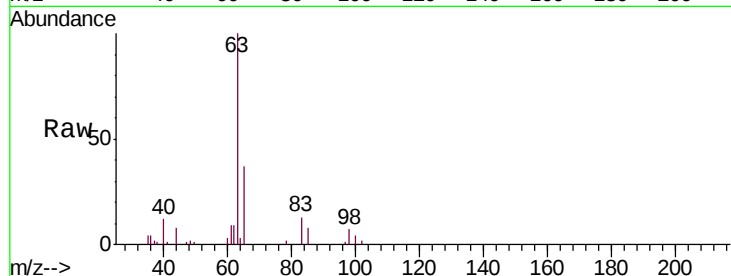




#19
 1,1-Dichloroethane
 Concen: 1.548 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031913.D
 Acq: 11 May 2019 01:04

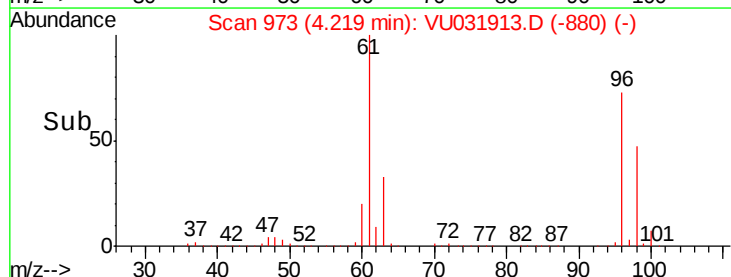
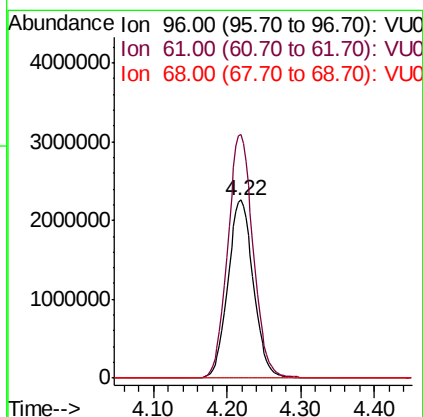
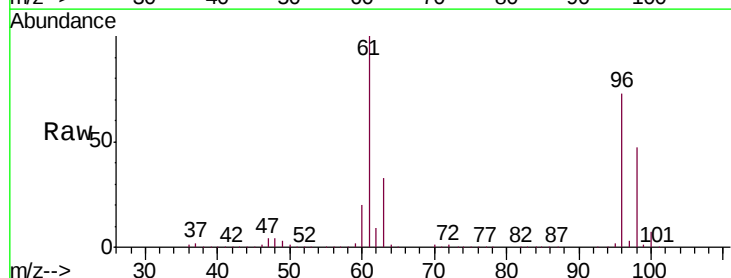
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 MSVOA_U
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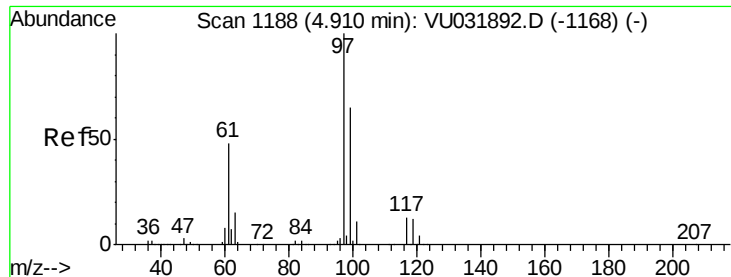
Tgt Ion: 63 Resp: 27650
 Ion Ratio Lower Upper
 63 100
 65 37.0 22.0 40.8
 83 12.9 8.8 16.4



#20
 cis-1,2-Dichloroethene
 Concen: 596.951 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031913.D
 Acq: 11 May 2019 01:04

Tgt Ion: 96 Resp: 5430838
 Ion Ratio Lower Upper
 96 100
 61 136.9 99.5 184.7
 68 0.0 0.0 0.0

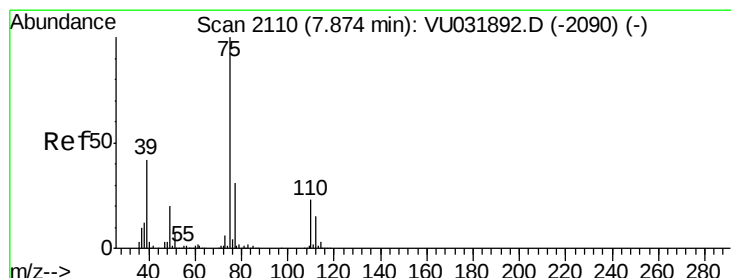
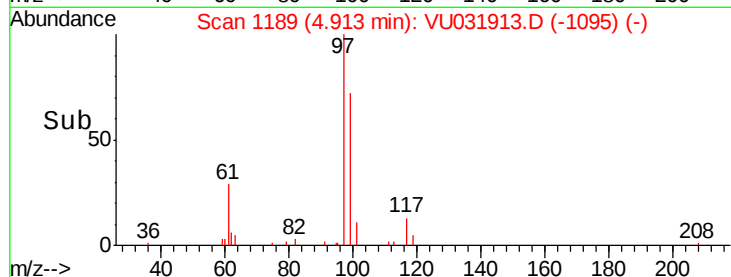
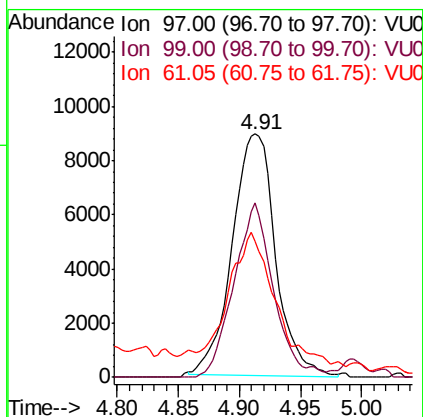
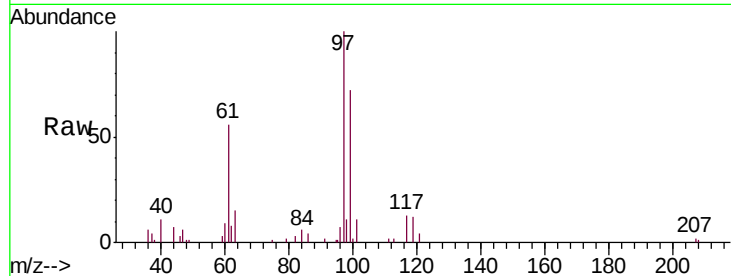




#30
 1,1,1-Trichloroethane
 Concen: 1.443 ug/L
 RT: 4.91 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VU031913.D
 Acq: 11 May 2019 01:04

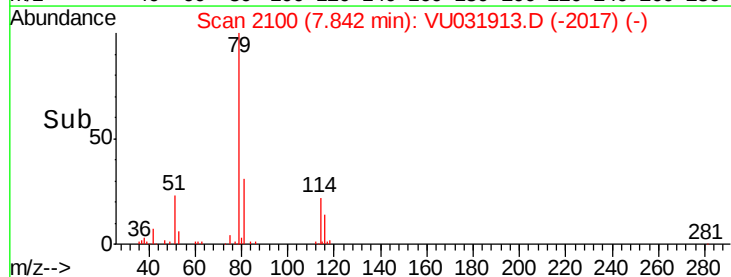
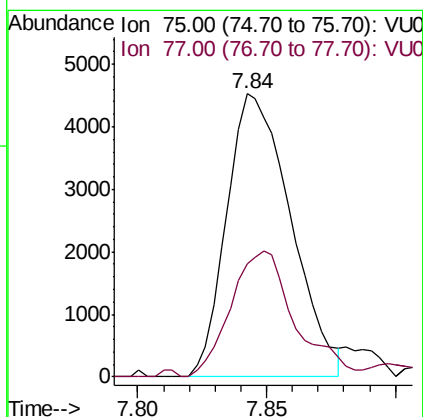
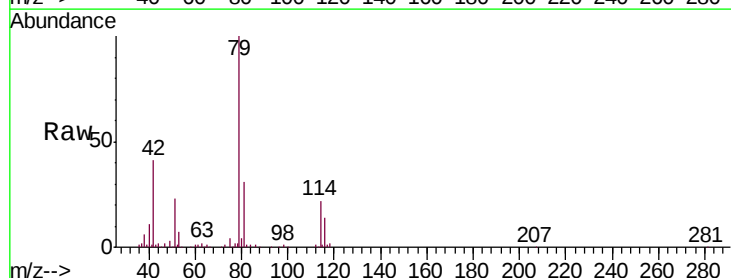
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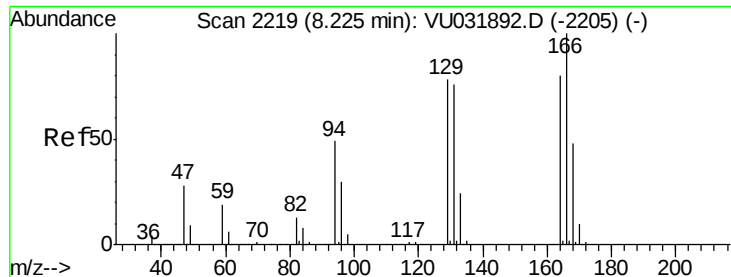
Tgt Ion: 97 Resp: 21990
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.0 78.0
 61 43.7 38.7 58.1



#44
 trans-1,3-Dichloropropene
 Concen: 0.577 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU031913.D
 Acq: 11 May 2019 01:04

Tgt Ion: 75 Resp: 7846
 Ion Ratio Lower Upper
 75 100
 77 40.0 22.1 41.1

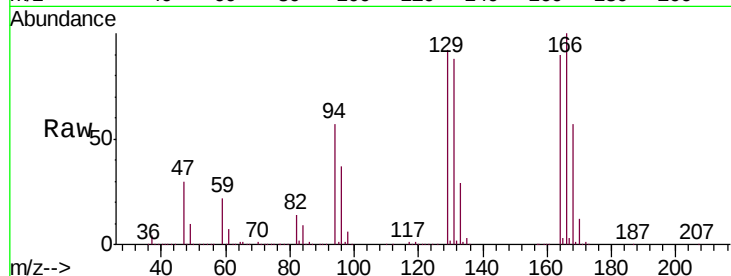




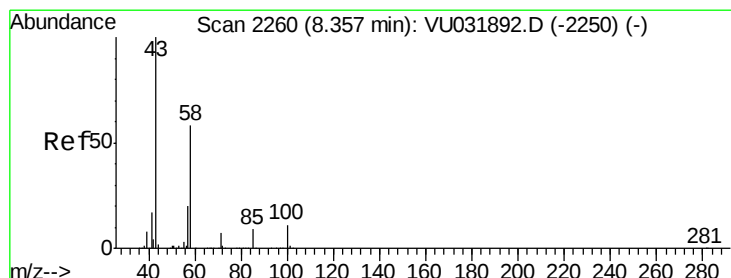
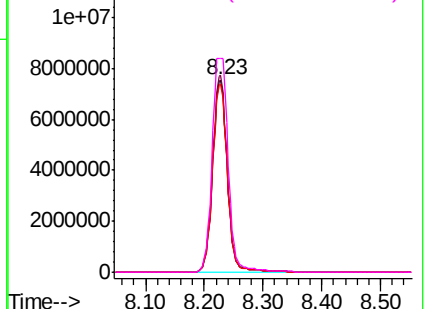
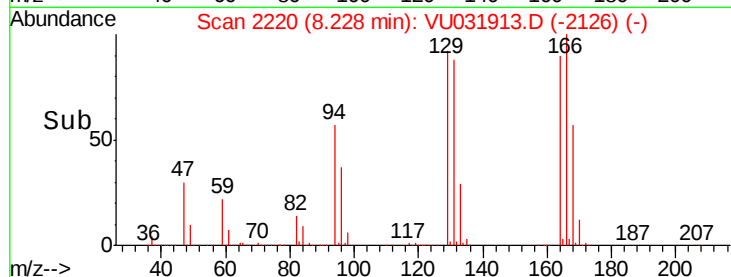
#46
Tetrachloroethene
Concen: 1993.335 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU031913.D
Acq: 11 May 2019 01:04

Instrument :
MSVOA_U
ClientSampleId :
C0B54

Tgt Ion:164 Resp:13176206
Ion Ratio Lower Upper
164 100
129 102.2 71.5 132.9
131 98.0 69.0 128.2
166 110.9 93.7 173.9

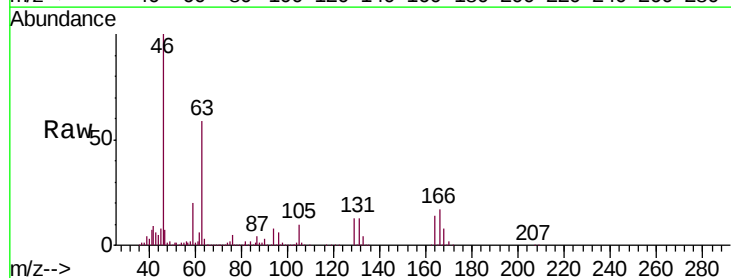


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

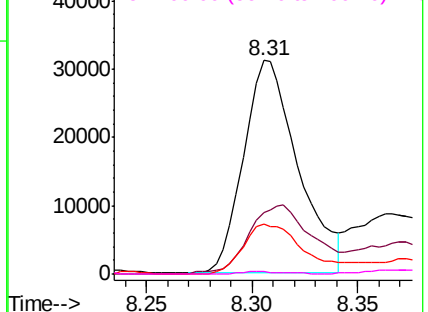
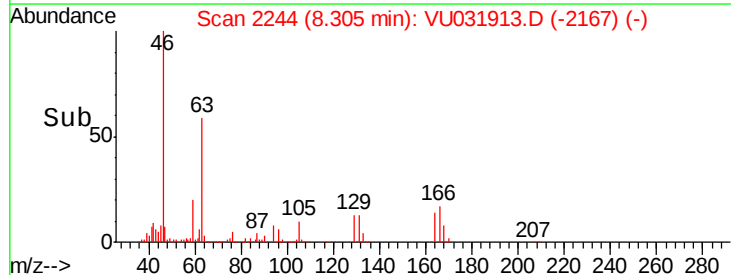


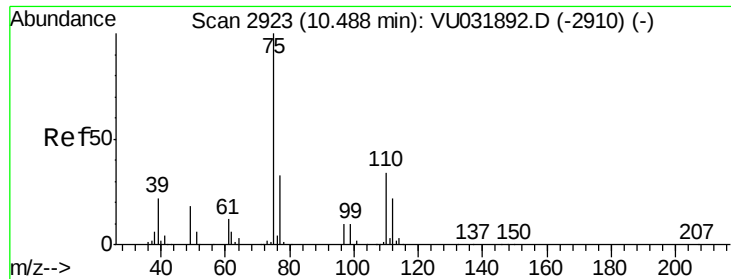
#48
2-Hexanone
Concen: 3.986 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU031913.D
Acq: 11 May 2019 01:04

Tgt Ion: 43 Resp: 56317
Ion Ratio Lower Upper
43 100
58 38.2 42.1 63.1#
57 25.8 14.6 22.0#
100 0.7 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: 4.241 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031913.D

Acq: 11 May 2019 01:04

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 57103

Ion Ratio Lower Upper

75 100

77 35.4 25.9 38.9

