

Data File : VU030362.D
Acq On : 24 Mar 2019 11:53
Operator : JC/SP
Sample : K2083-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A9

Quant Time: Mar 25 03:23:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	438687	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	412054	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163211	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	175667	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.52%
7) Chloroethane-d5	1.68	69	135114	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	2.27	63	236202	35.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.54%
21) 2-Butanone-d5	4.17	46	262092	78.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.97%
24) Chloroform-d	4.64	84	266269	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.31	65	174938	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
32) Benzene-d6	5.34	84	561589	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
36) 1,2-Dichloropropane-d6	6.33	67	193467	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.70%
41) Toluene-d8	7.56	98	480709	45.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	81382	42.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.62%
47) 2-Hexanone-d5	8.31	63	182032	83.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	244222	42.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	152295	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%

Target Compounds

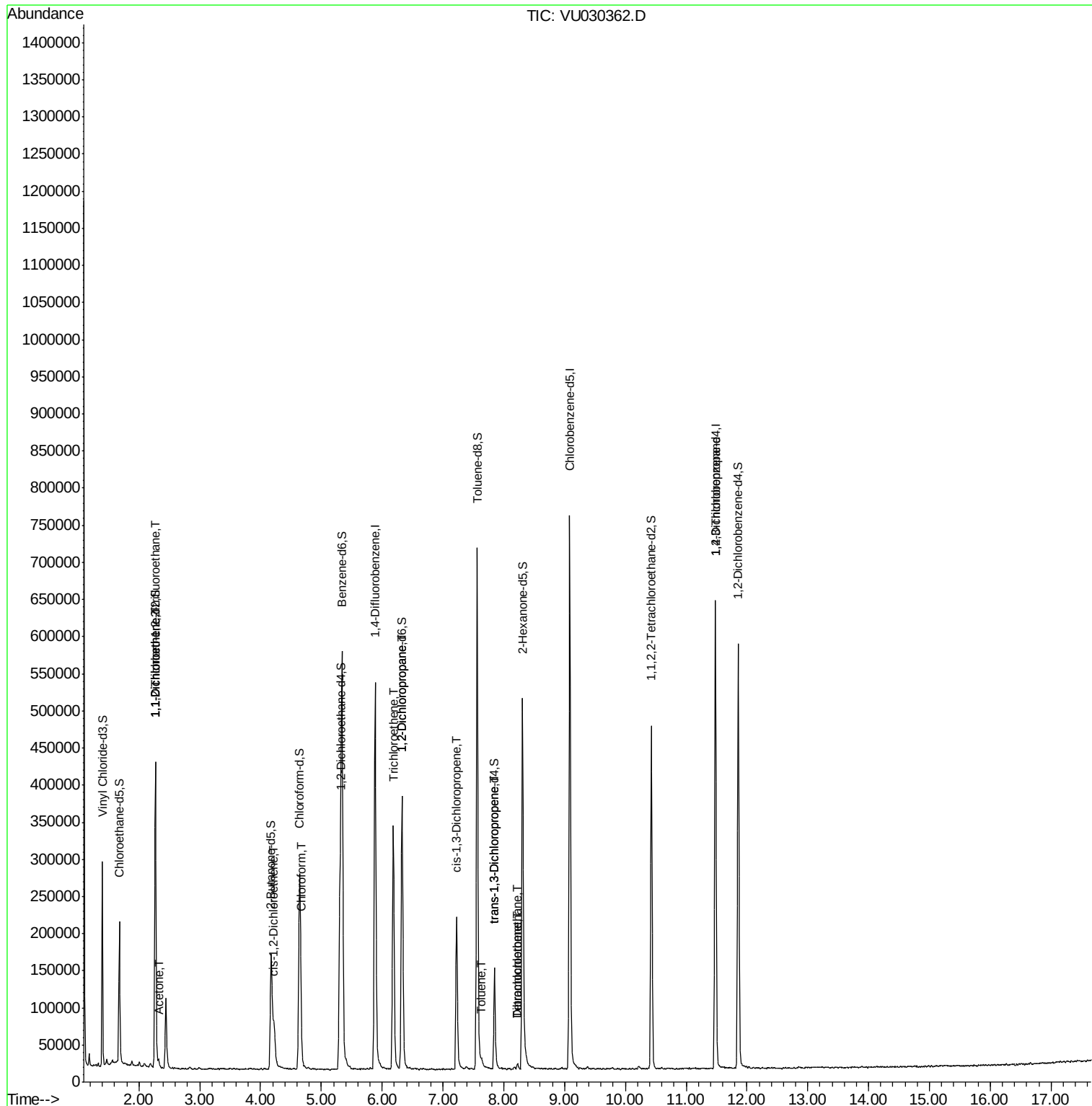
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	7537	2.354	ug/L #	78
12) 1,1-Dichloroethene	2.27	96	1747	0.557	ug/L #	1
13) Acetone	2.32	43	7775	2.317	ug/L	91
20) cis-1,2-Dichloroethene	4.22	96	23764	6.435	ug/L	95
25) Chloroform	4.67	83	10161	1.582	ug/L	94
34) Trichloroethene	6.18	95	122297	35.467	ug/L	99
37) 1,2-Dichloropropane	6.32	63	18995	4.772	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	4729	0.827	ug/L #	56
42) Toluene	7.64	91	5431	0.373	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3036	0.603	ug/L #	66
46) Tetrachloroethene	8.22	164	1720	0.714	ug/L	94
49) Dibromochloromethane	8.23	129	1773	0.507	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	21046	4.344	ug/L	90

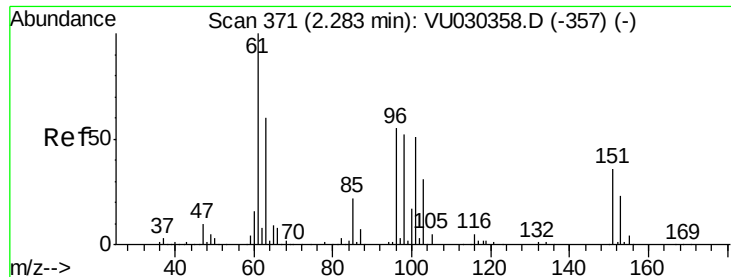
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 2.354 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU030362.D

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ClientSampleId :

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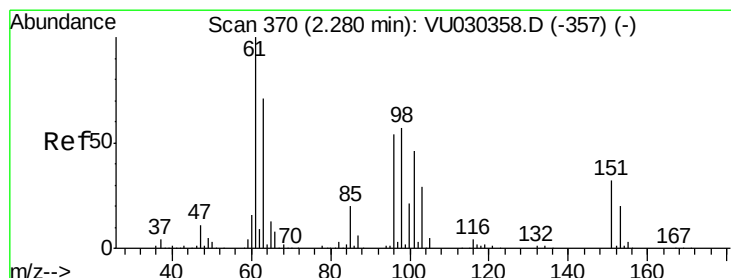
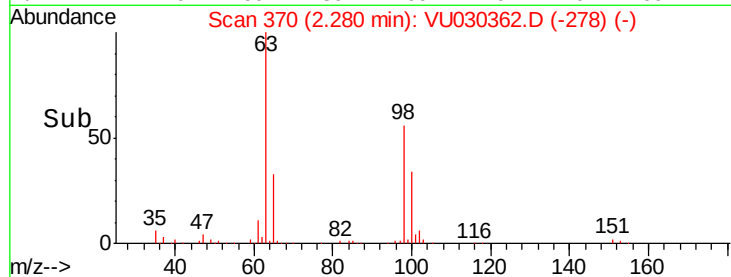
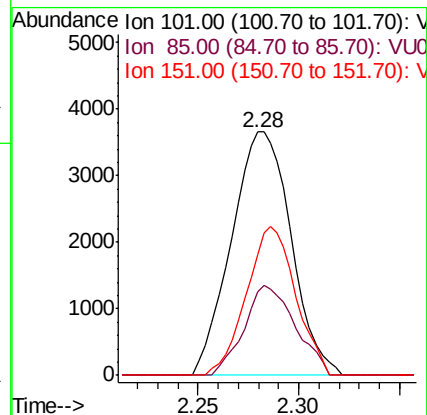
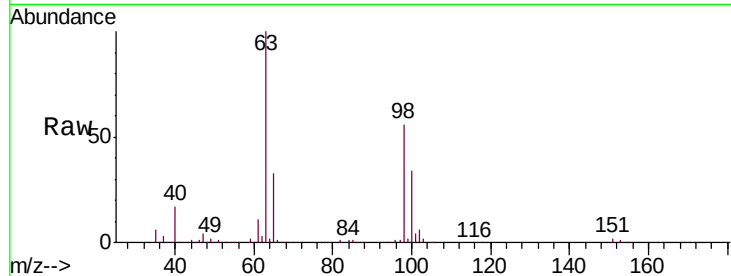
Tgt Ion: 101 Resp: 7537

Ion Ratio Lower Upper

101 100

85 31.8 34.8 52.2#

151 50.5 56.6 85.0#



#12

1,1-Dichloroethene

Concen: 0.557 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030362.D

Acq: 24 Mar 2019 11:53

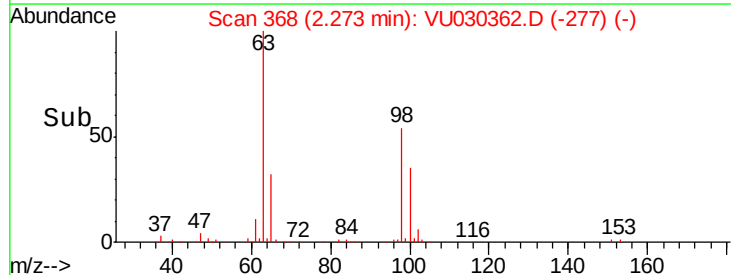
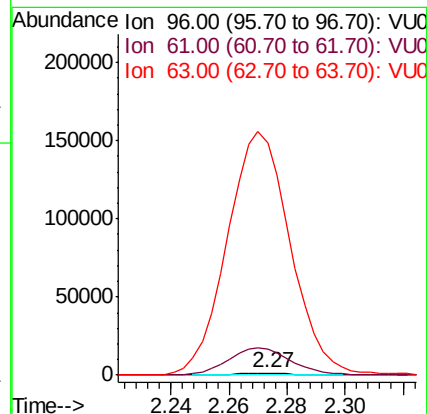
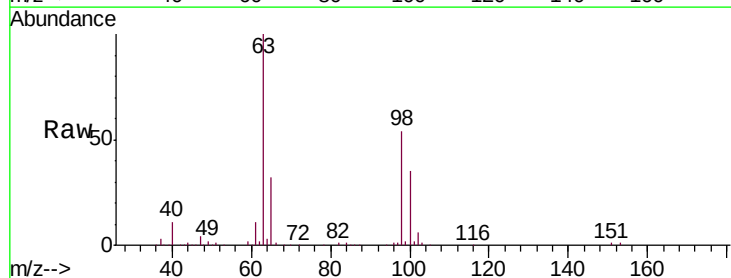
Tgt Ion: 96 Resp: 1747

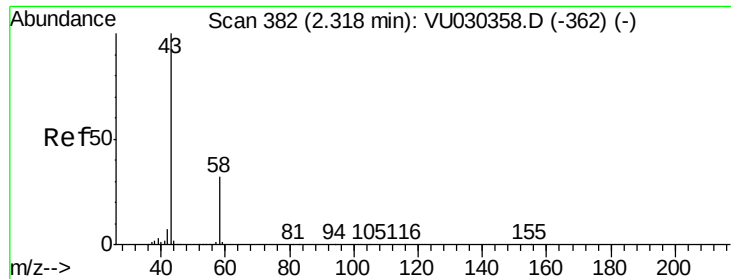
Ion Ratio Lower Upper

96 100

61 1389.9 131.0 243.4#

63 12467.1 92.4 171.6#





#13

Acetone

Concen: 2.317 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030362.D

Acq: 24 Mar 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

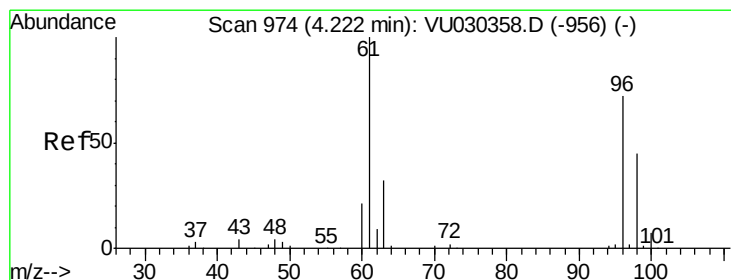
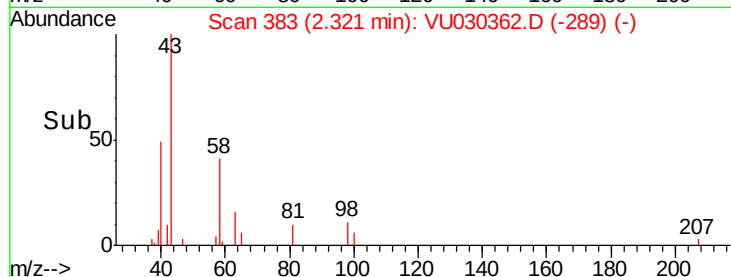
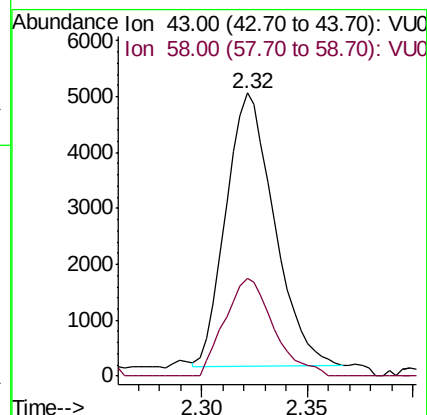
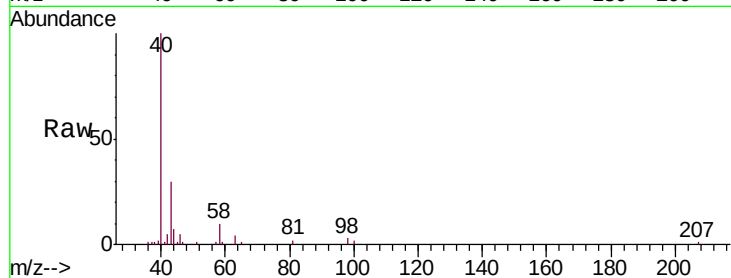
BF1A9

Tgt Ion: 43 Resp: 7775

Ion Ratio Lower Upper

43 100

58 36.1 0.0 62.8



#20

cis-1,2-Dichloroethene

Concen: 6.435 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU030362.D

Acq: 24 Mar 2019 11:53

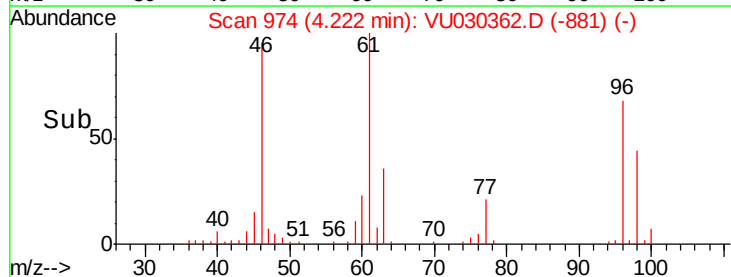
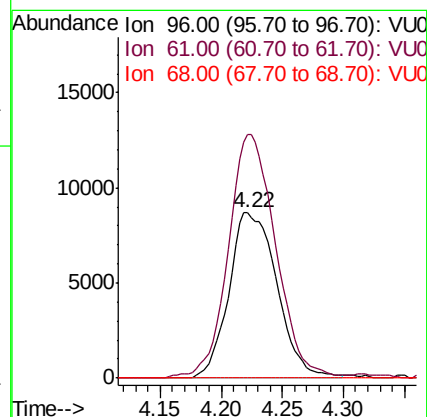
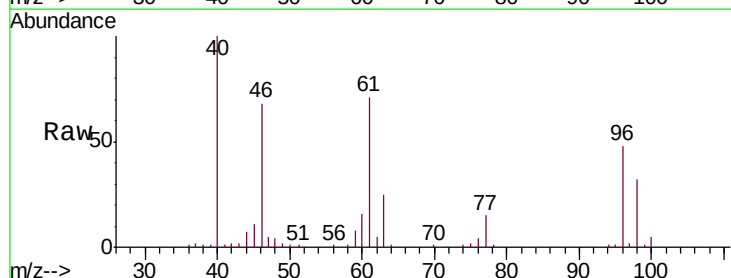
Tgt Ion: 96 Resp: 23764

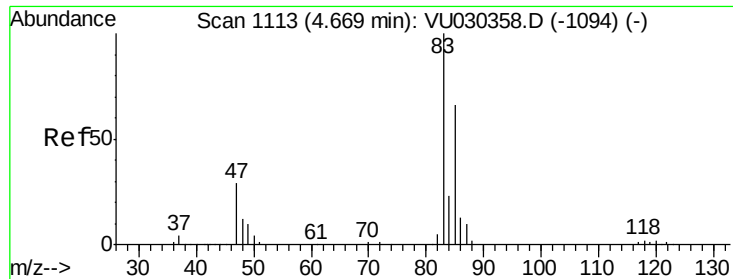
Ion Ratio Lower Upper

96 100

61 147.0 98.4 182.8

68 0.0 0.0 0.0

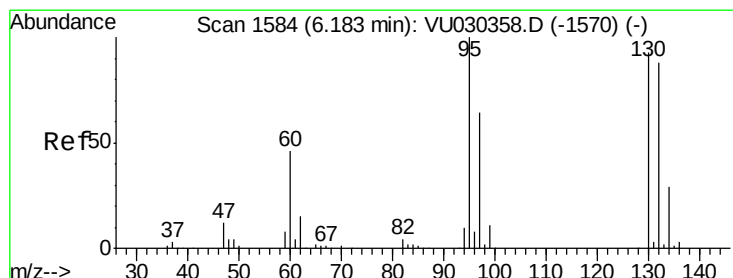
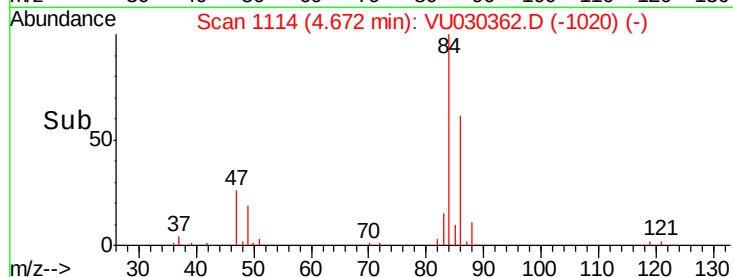
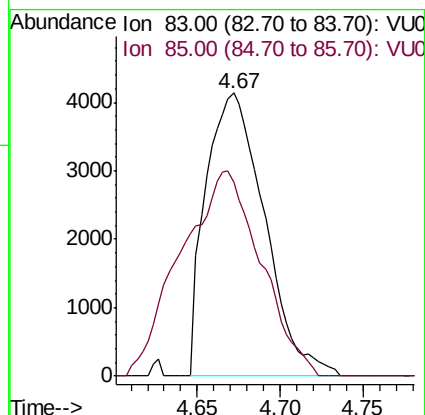
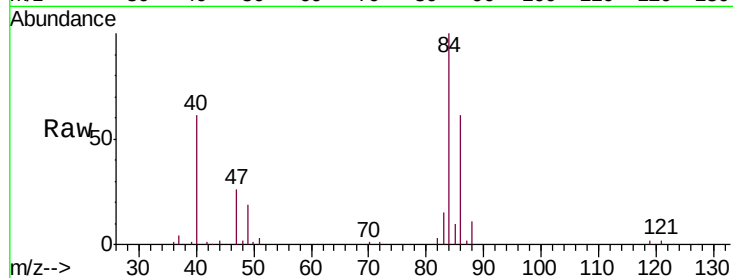




#25
Chloroform
Concen: 1.582 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030362.D
Acq: 24 Mar 2019 11:53

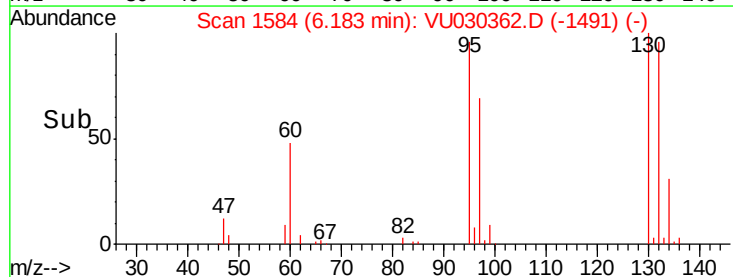
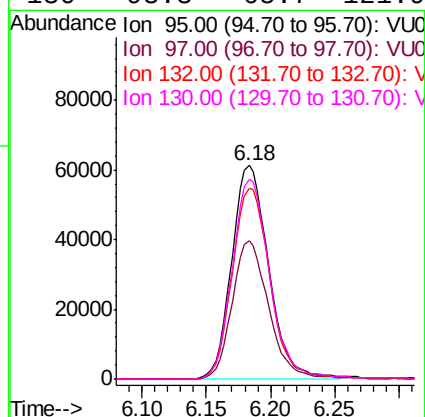
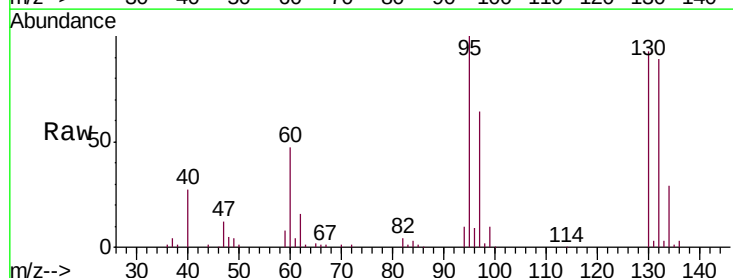
Instrument :
MSVOA_U
ClientSampleId :
BF1A9

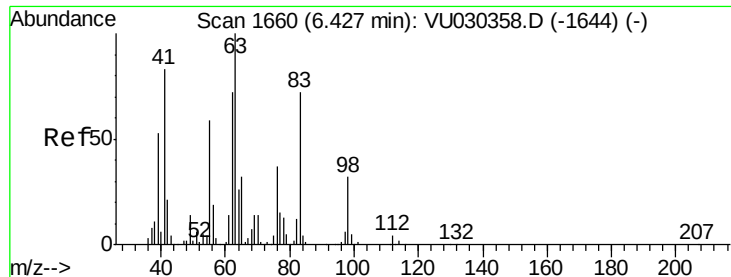
Tgt Ion: 83 Resp: 10161
Ion Ratio Lower Upper
83 100
85 68.3 44.4 82.4



#34
Trichloroethene
Concen: 35.467 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030362.D
Acq: 24 Mar 2019 11:53

Tgt Ion: 95 Resp: 122297
Ion Ratio Lower Upper
95 100
97 64.5 45.7 84.9
132 89.5 63.8 118.4
130 93.3 65.7 121.9

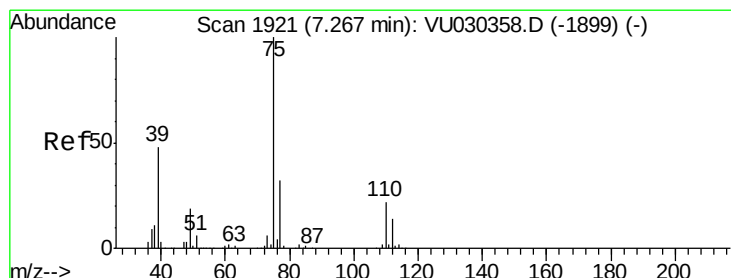
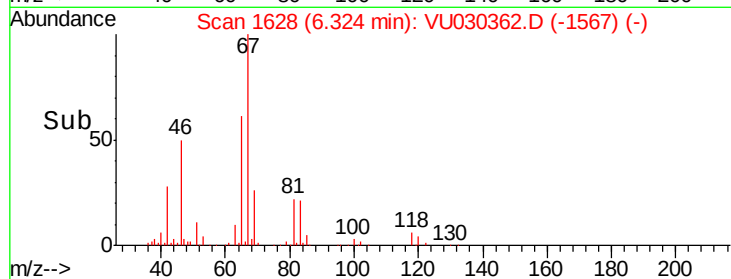
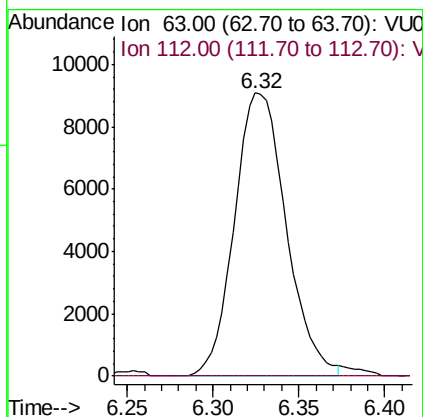
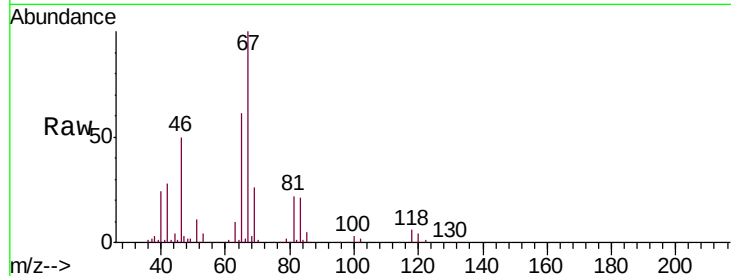




#37
 1,2-Dichloropropane
 Concen: 4.772 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU030362.D
 Acq: 24 Mar 2019 11:53

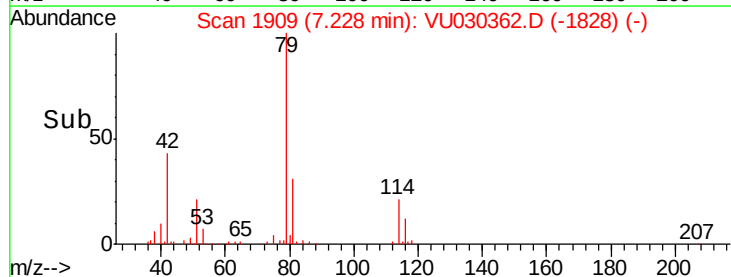
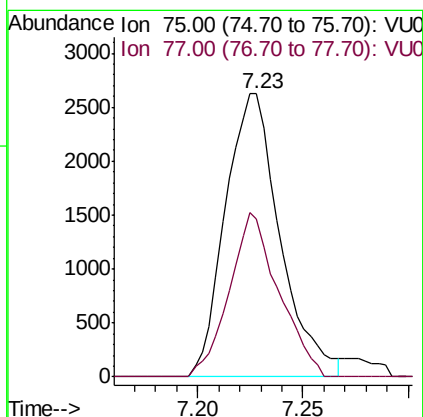
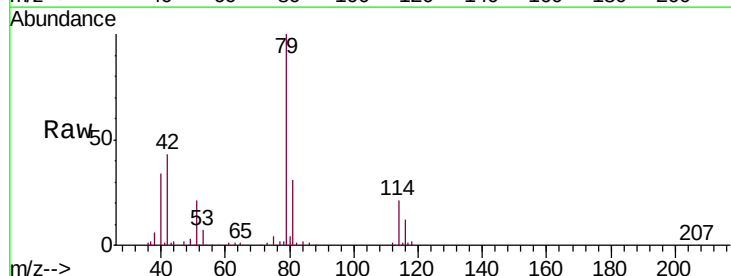
Instrument :
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 ClientSampleId :
 BF1A9

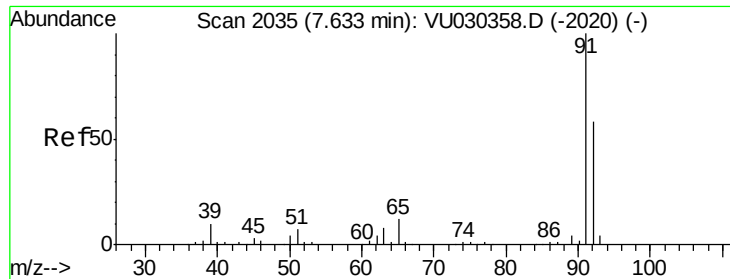
Tgt Ion: 63 Resp: 18995
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.827 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU030362.D
 Acq: 24 Mar 2019 11:53

Tgt Ion: 75 Resp: 4729
 Ion Ratio Lower Upper
 75 100
 77 55.6 21.8 40.6#





#42

Toluene

Concen: 0.373 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU030362.D

Acq: 24 Mar 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

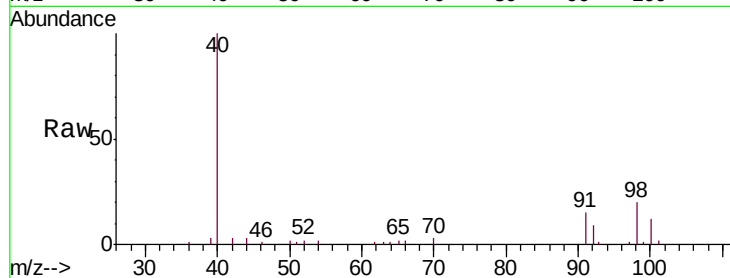
BF1A9

Tgt Ion: 91 Resp: 5431

Ion Ratio Lower Upper

91 100

92 59.7 39.7 73.7

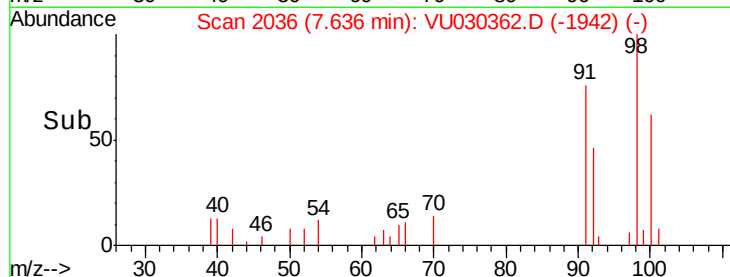


Abundance Ion 91.00 (90.70 to 91.70): VU030358.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU030358.D (-2020) (-)

7.64

Time-->

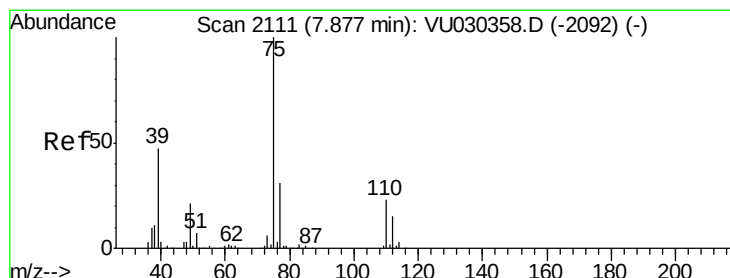


Abundance Ion 91.00 (90.70 to 91.70): VU030362.D (-1942) (-)

Ion 92.00 (91.70 to 92.70): VU030362.D (-1942) (-)

7.64

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.603 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030362.D

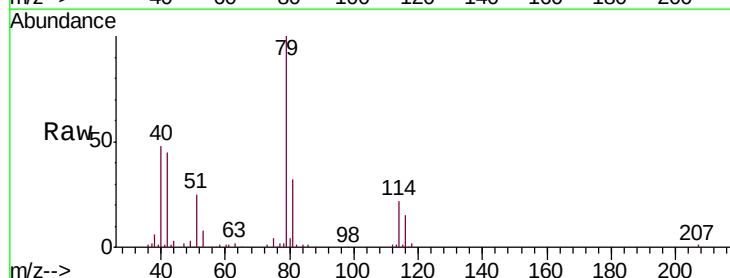
Acq: 24 Mar 2019 11:53

Tgt Ion: 75 Resp: 3036

Ion Ratio Lower Upper

75 100

77 50.1 22.0 40.8#

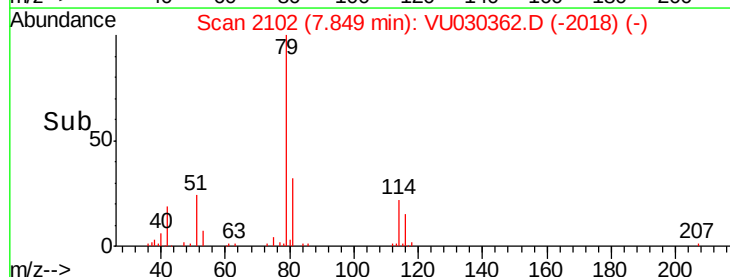


Abundance Ion 75.00 (74.70 to 75.70): VU030358.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030358.D (-2092) (-)

7.85

Time-->

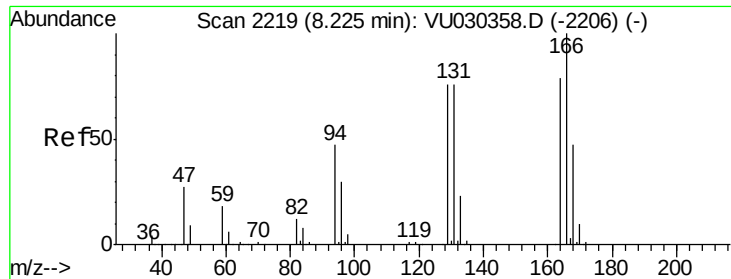


Abundance Ion 75.00 (74.70 to 75.70): VU030362.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU030362.D (-2018) (-)

7.85

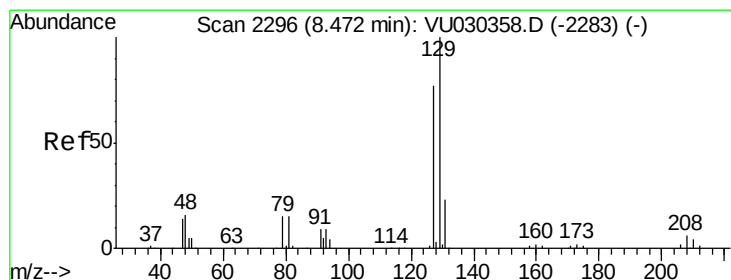
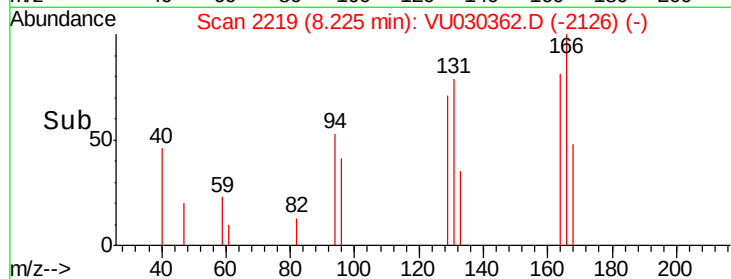
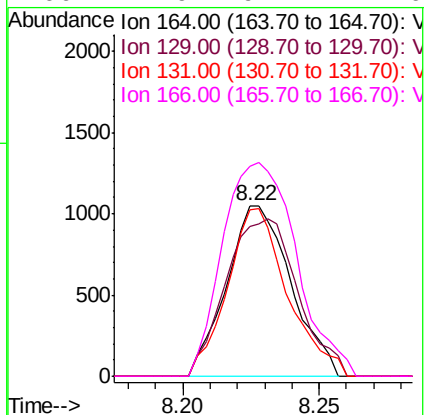
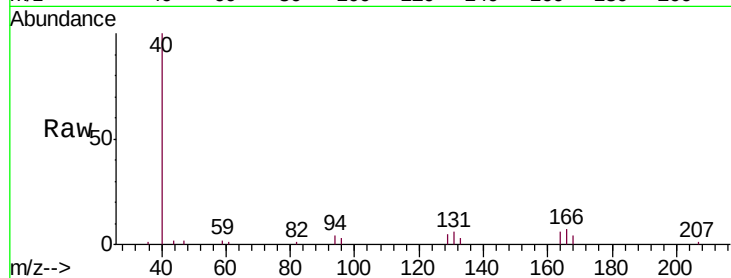
Time-->



#46
Tetrachloroethene
Concen: 0.714 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030362.D
Acq: 24 Mar 2019 11:53

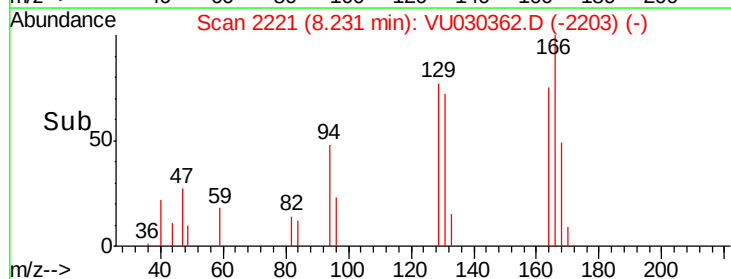
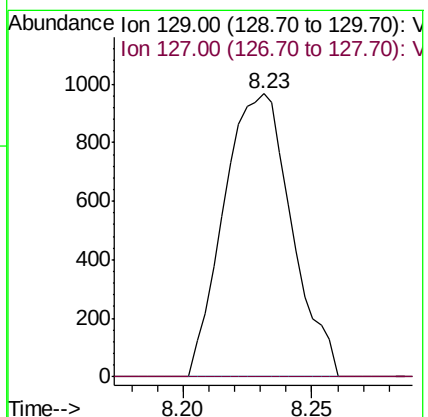
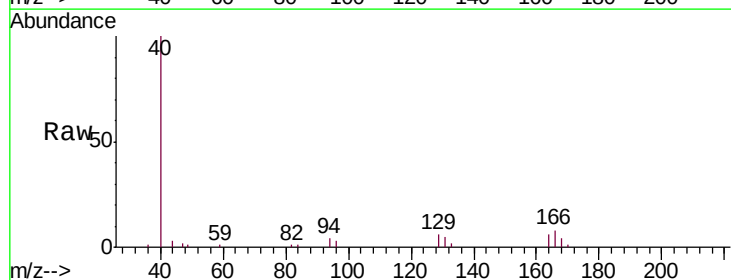
Instrument :
MSVOA_U
ClientSampled :
BF1A9

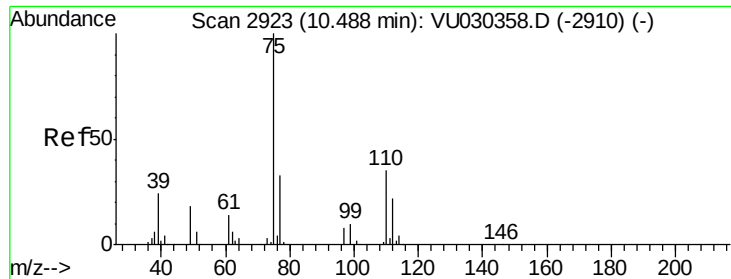
Tgt Ion:164 Resp: 1720
Ion Ratio Lower Upper
164 100
129 87.7 68.1 126.5
131 97.4 67.7 125.7
166 122.9 92.4 171.6



#49
Dibromochloromethane
Concen: 0.507 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. -0.24 min
Lab File: VU030362.D
Acq: 24 Mar 2019 11:53

Tgt Ion:129 Resp: 1773
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#





#59

1,2,3-Trichloropropane

Concen: 4.344 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030362.D

Acq: 24 Mar 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

BF1A9

Tgt Ion: 75 Resp: 21046

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.2

