

Data File : VU030361.D
Acq On : 24 Mar 2019 11:30
Operator : JC/SP
Sample : K2083-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A4

Quant Time: Mar 25 03:23:38 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	427259	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	404895	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	164155	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	181796	52.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.74%
7) Chloroethane-d5	1.68	69	141871	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.10%
11) 1,1-Dichloroethene-d2	2.27	63	248781	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.28%
21) 2-Butanone-d5	4.17	46	279471	86.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.46%
24) Chloroform-d	4.65	84	276338	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	5.31	65	180701	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
32) Benzene-d6	5.34	84	572694	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.33	67	202233	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.82%
41) Toluene-d8	7.56	98	503959	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%
43) trans-1,3-Dichloropropene-	7.85	79	84204	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.16%
47) 2-Hexanone-d5	8.31	63	188955	87.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	258245	45.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	161529	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

Target Compounds

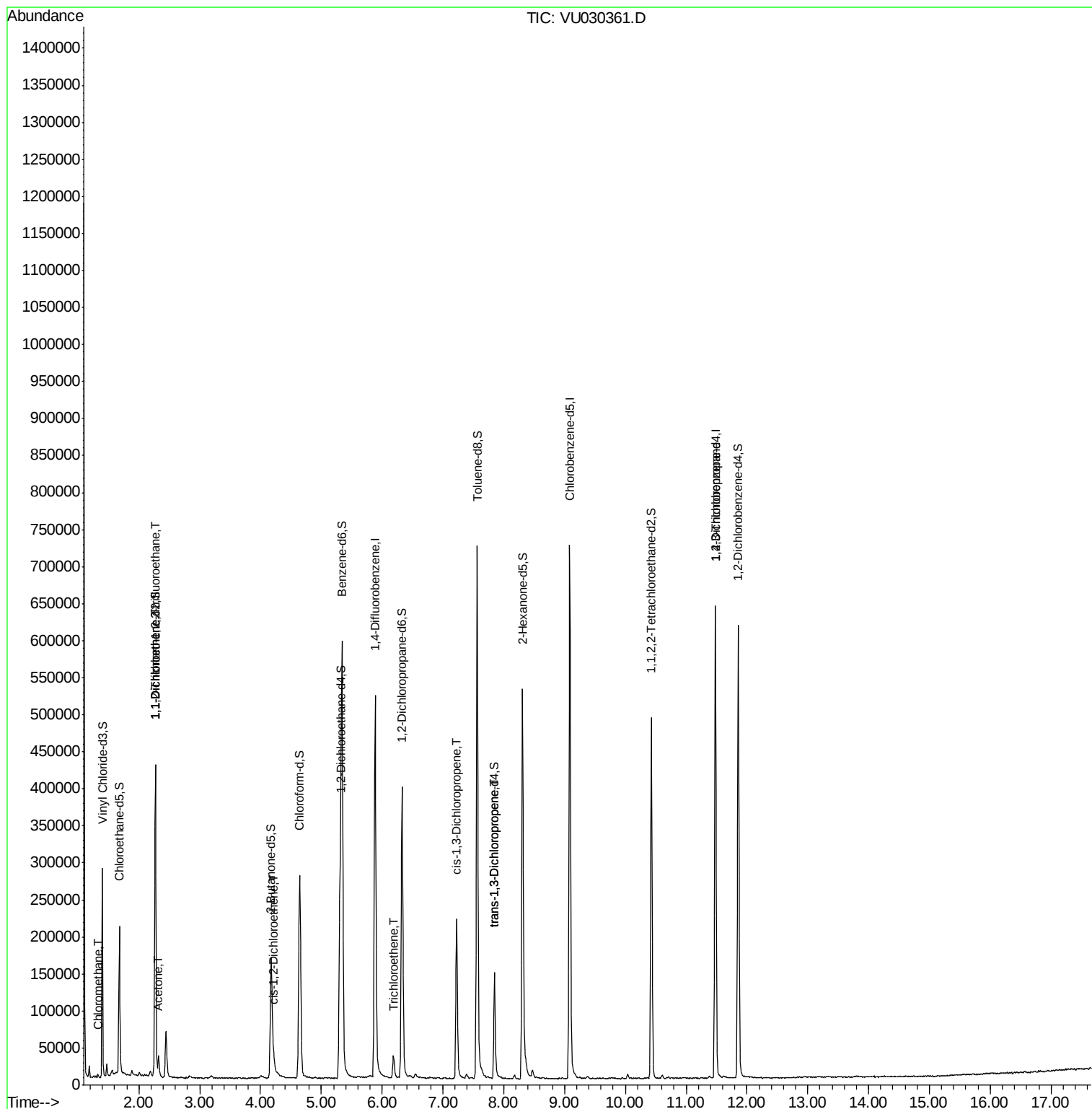
					Qvalue
3) Chloromethane	1.33	50	4236	0.803 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2319	0.744 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	1840	0.602 ug/L #	1
13) Acetone	2.32	43	25886	7.919 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	4124	1.147 ug/L	82
34) Trichloroethene	6.19	95	11173	3.298 ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	5093	0.906 ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	3133	0.633 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	21738	4.566 ug/L	90

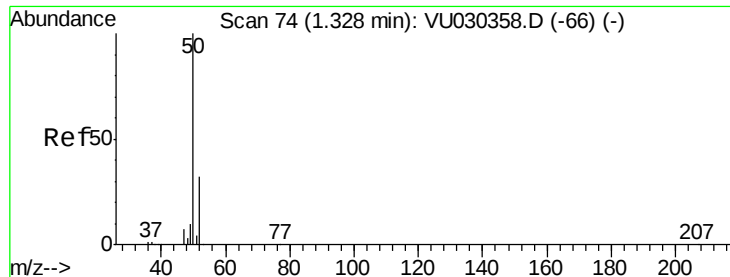
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.803 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030361.D

Acq: 24 Mar 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

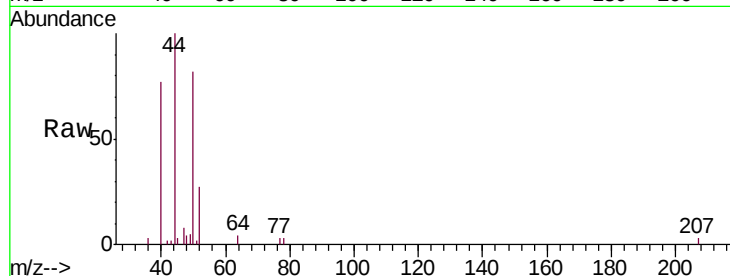
BF1A4

Tgt Ion: 50 Resp: 4236

Ion Ratio Lower Upper

50 100

52 33.2 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030358.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030358.D (-66) (-)

1.33

4000

3000

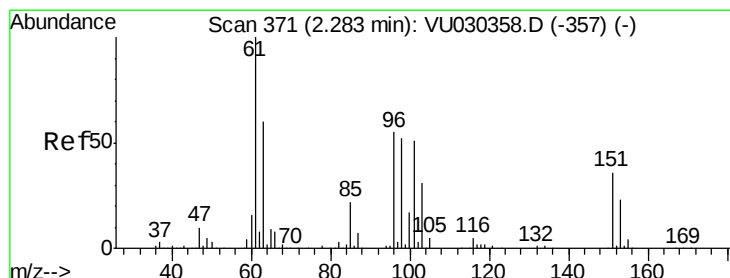
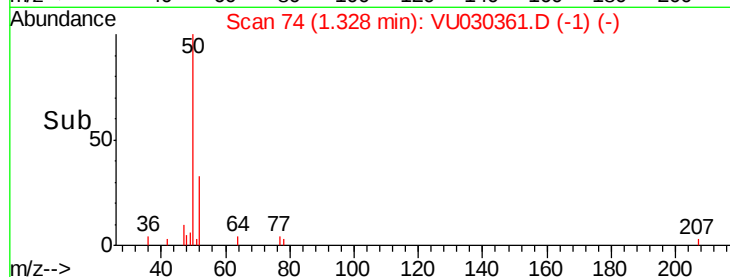
2000

1000

0

1.30 1.35

Time-->



#10

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

Concen: 0.744 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030361.D

Acq: 24 Mar 2019 11:30

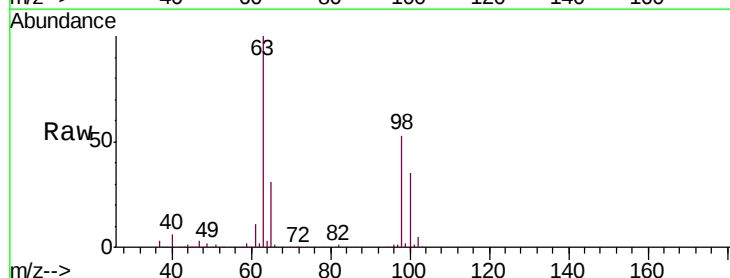
Tgt Ion: 101 Resp: 2319

Ion Ratio Lower Upper

101 100

85 4.3 34.8 52.2#

151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): VU030358.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU030358.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU030358.D (-357) (-)

2.27

1500

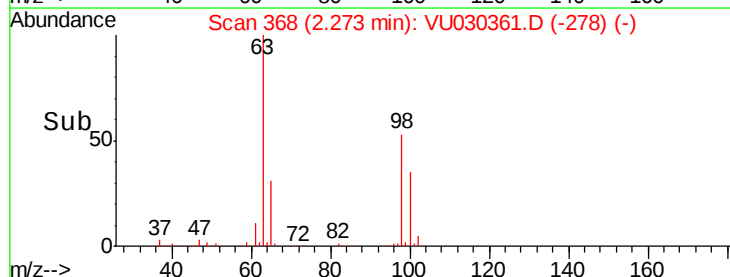
1000

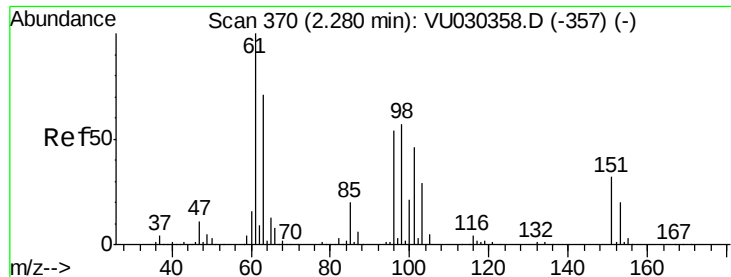
500

0

2.25 2.30

Time-->

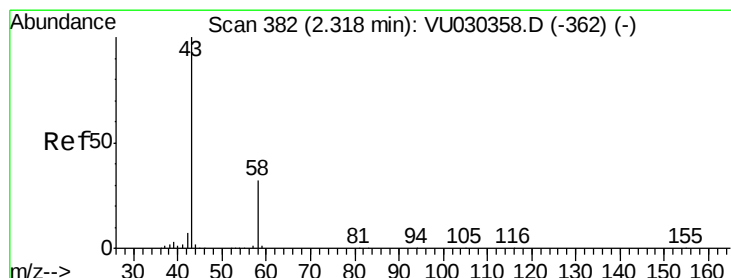
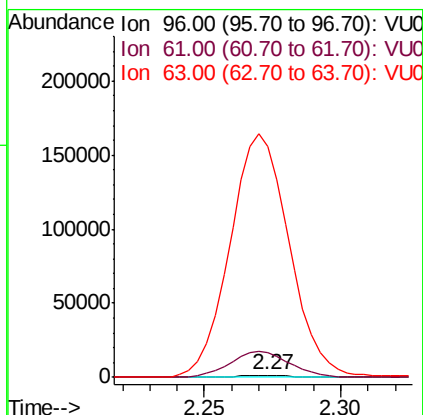
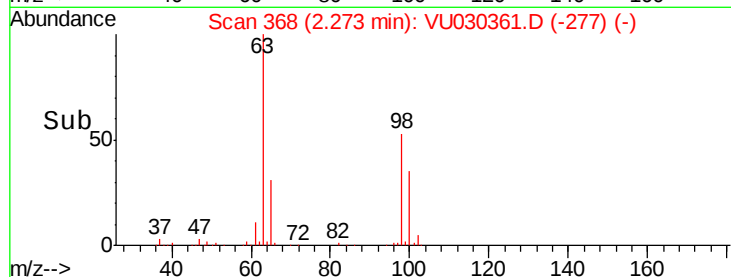
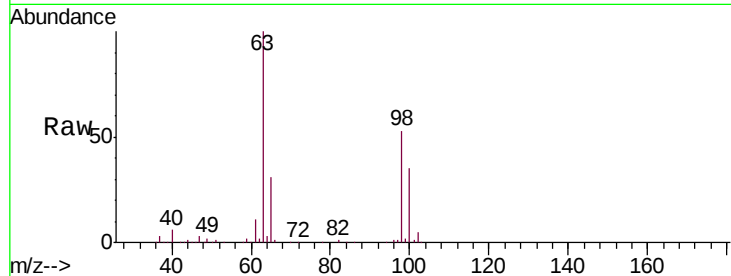




#12
 1,1-Dichloroethene
 Concen: 0.602 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU030361.D
 Acq: 24 Mar 2019 11:30

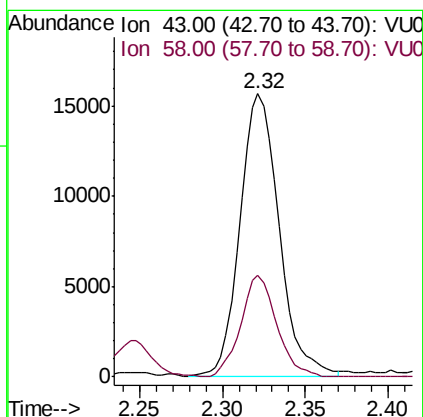
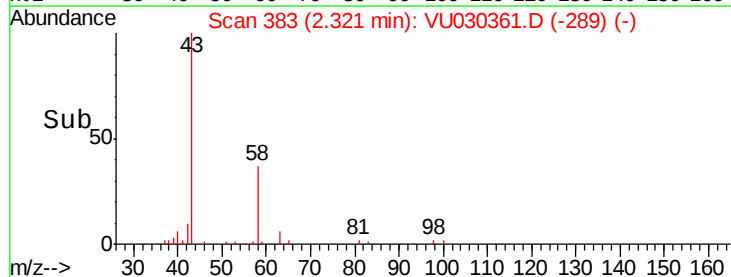
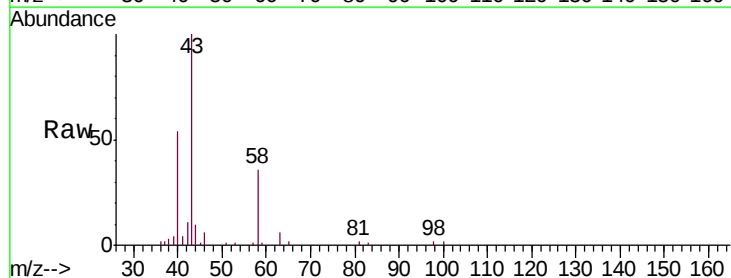
Instrument :
 MSVOA_U
 ClientSampled :
 BF1A4

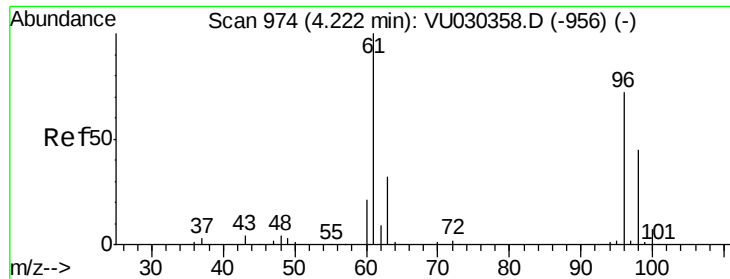
Tgt Ion: 96 Resp: 1840
 Ion Ratio Lower Upper
 96 100
 61 1433.4 131.0 243.4#
 63 13400.3 92.4 171.6#



#13
 Acetone
 Concen: 7.919 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU030361.D
 Acq: 24 Mar 2019 11:30

Tgt Ion: 43 Resp: 25886
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 62.8

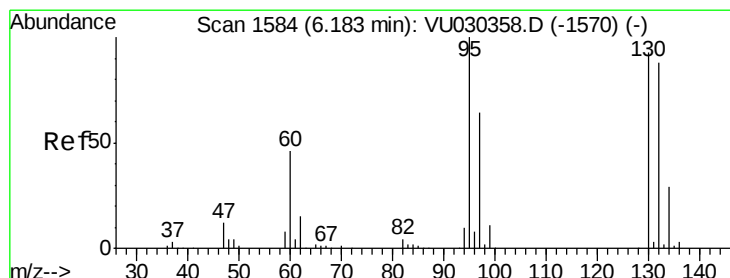
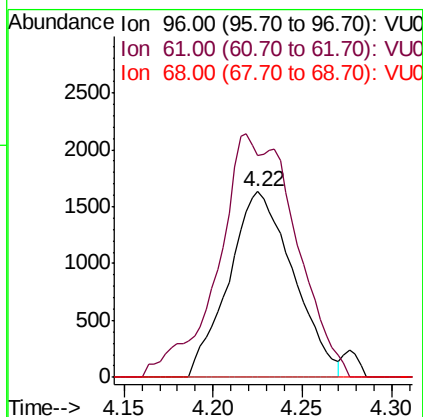
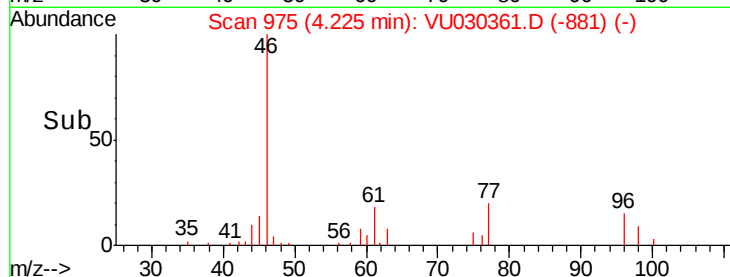
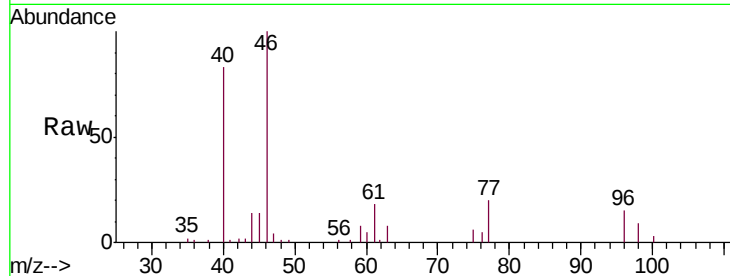




#20
 cis-1,2-Dichloroethene
 Concen: 1.147 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU030361.D
 Acq: 24 Mar 2019 11:30

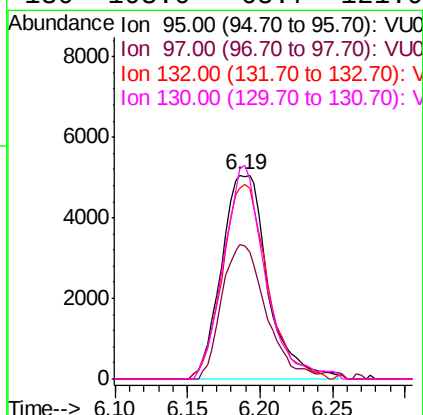
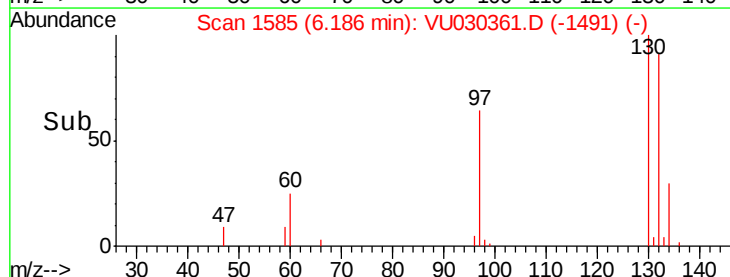
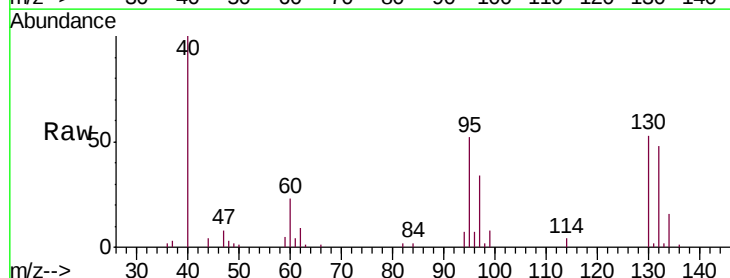
Instrument :
 MSVOA_U
 ClientSampled :
 BF1A4

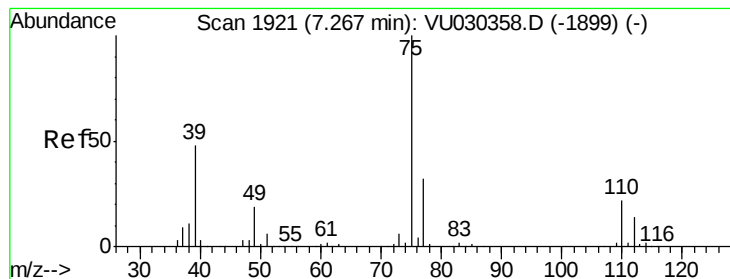
Tgt Ion: 96 Resp: 4124
 Ion Ratio Lower Upper
 96 100
 61 119.1 98.4 182.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.298 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU030361.D
 Acq: 24 Mar 2019 11:30

Tgt Ion: 95 Resp: 11173
 Ion Ratio Lower Upper
 95 100
 97 66.0 45.7 84.9
 132 93.5 63.8 118.4
 130 103.0 65.7 121.9



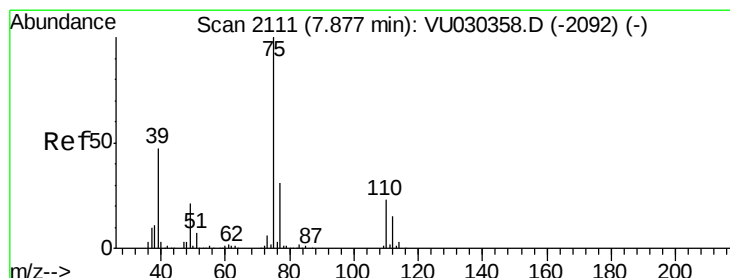
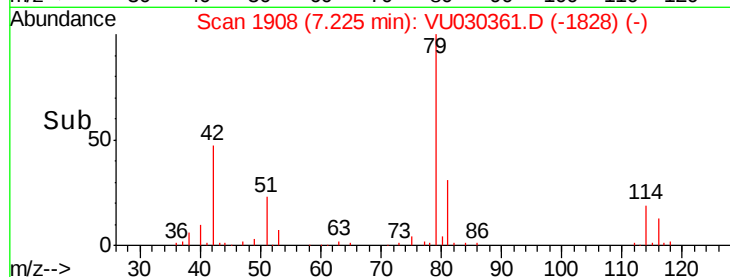
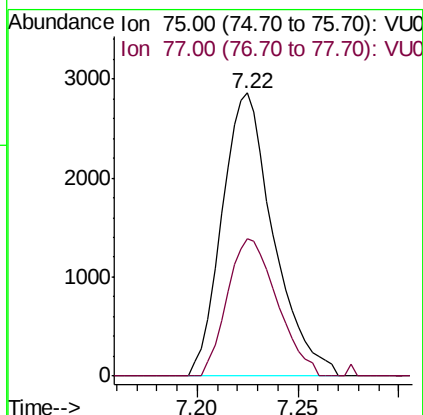
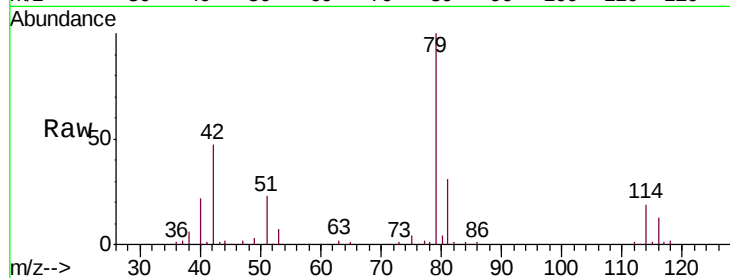


#39

cis-1,3-Dichloropropene
 Concen: 0.906 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030361.D
 Acq: 24 Mar 2019 11:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A4

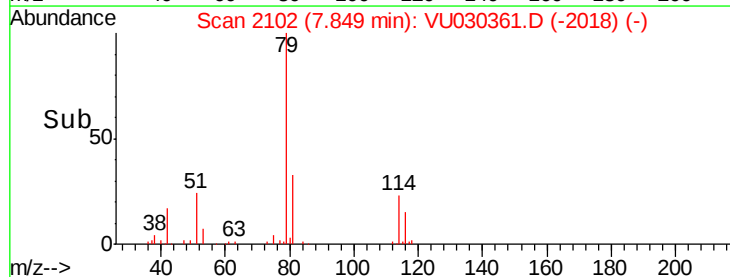
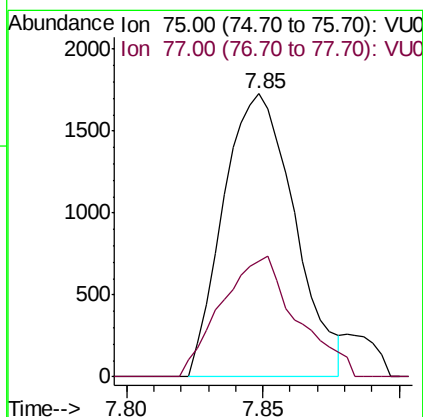
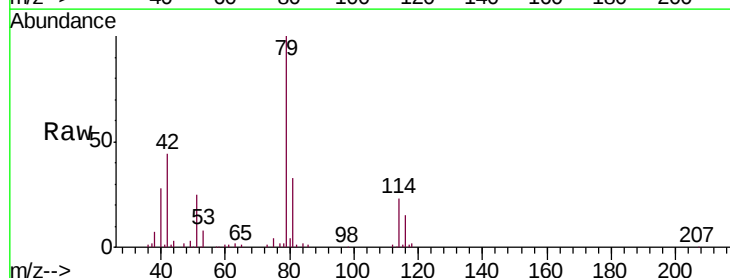
Tgt Ion: 75 Resp: 5093
 Ion Ratio Lower Upper
 75 100
 77 48.6 21.8 40.6#

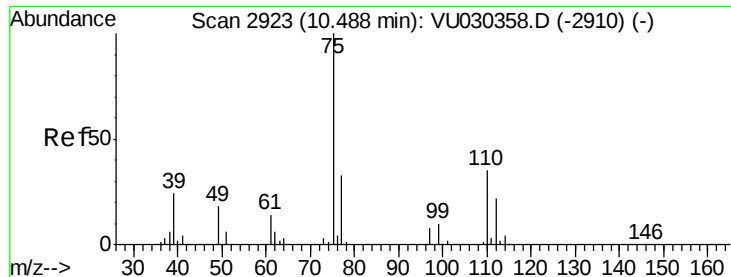


#44

trans-1,3-Dichloropropene
 Concen: 0.633 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030361.D
 Acq: 24 Mar 2019 11:30

Tgt Ion: 75 Resp: 3133
 Ion Ratio Lower Upper
 75 100
 77 41.1 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 4.566 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030361.D

Acq: 24 Mar 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

BF1A4

Tgt Ion: 75 Resp: 21738

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.2

