

Data File : VU030238.D
Acq On : 20 Mar 2019 21:18
Operator : JC/SP
Sample : K2022-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0969

Quant Time: Mar 22 01:33:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513571	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	495607	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151690	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.36%
7) Chloroethane-d5	1.68	69	131496	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.70%
11) 1,1-Dichloroethene-d2	2.27	63	213319	33.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.34%
21) 2-Butanone-d5	4.17	46	258439	100.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.31%
24) Chloroform-d	4.65	84	302045	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
26) 1,2-Dichloroethane-d4	5.31	65	178600	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
32) Benzene-d6	5.34	84	638541	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.33	67	203877	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.90%
41) Toluene-d8	7.56	98	568848	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%
43) trans-1,3-Dichloropropene-	7.85	79	91540	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.31	63	209396	99.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307055	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	235221	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2264	0.656 ug/L #	18
13) Acetone	2.32	43	8737	3.246 ug/L	95
33) Benzene	5.39	78	7553	0.528 ug/L	100
35) Methylcyclohexane	6.33	83	45543	7.706 ug/L #	22
39) cis-1,3-Dichloropropene	7.23	75	5051	0.860 ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	3372	0.663 ug/L	84
48) 2-Hexanone	8.36	43	5339	1.278 ug/L #	53
51) Chlorobenzene	9.12	112	20684	2.009 ug/L	96
59) 1,2,3-Trichloropropane	11.42	75	2373	0.479 ug/L #	42
62) 1,3-Dichlorobenzene	11.42	146	9113	1.217 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	46693	6.013 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	41014	5.362 ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	11313	1.934 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	11313	2.187 ug/L	97
70) 1,2,3-Trichlorobenzene	14.00	180	7129	1.321 ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\
Quantitation Report (Not Reviewed)

Data File : VU030238.D
Acq On : 20 Mar 2019 21:18
Operator : JC/SP
Sample : K2022-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

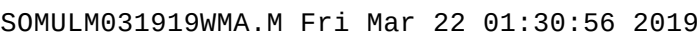
Instrument :
MSVOA_U
ClientSampleId :
C0969

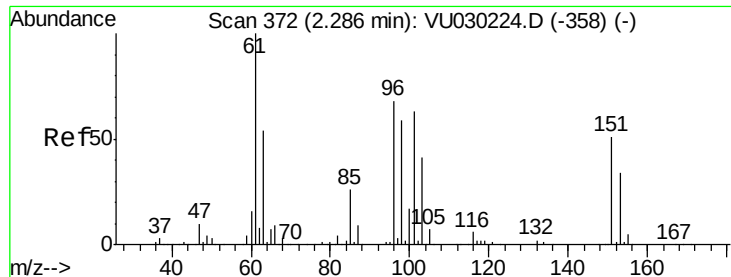
Quant Time: Mar 22 01:33:04 2019
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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quant Time: Mar 22 01:33:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration





#10

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

Concen: 0.656 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030238.D

Acq: 20 Mar 2019 21:18

Instrument :

MSVOA_U

ClientSampleId :

C0969

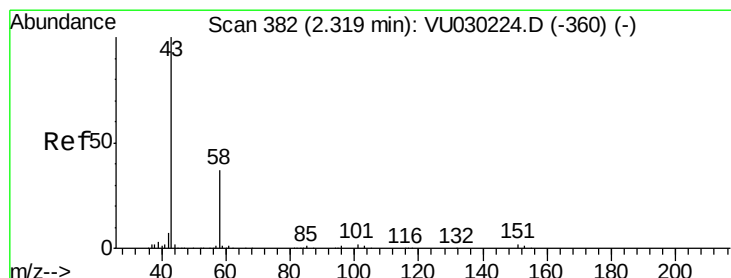
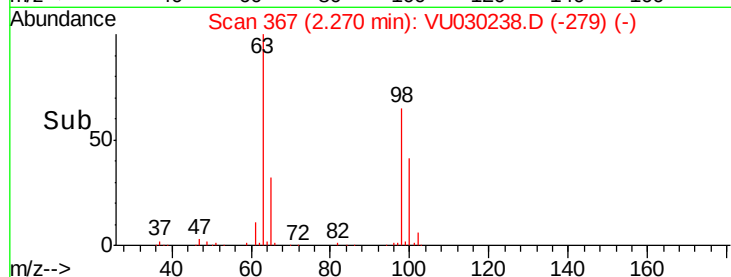
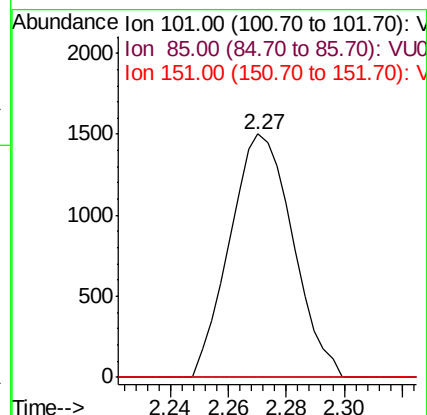
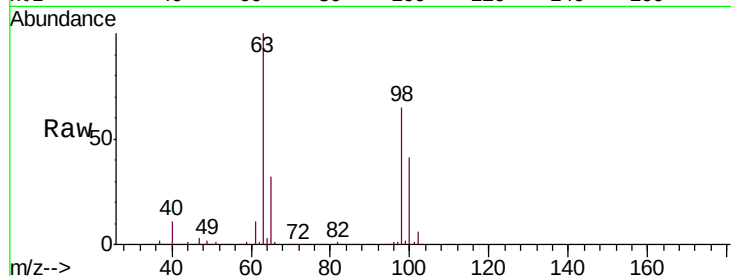
Tgt Ion:101 Resp: 2264

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 64.7 97.1#



#13

Acetone

Concen: 3.246 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030238.D

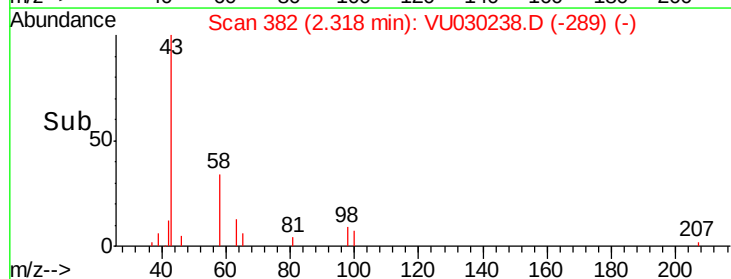
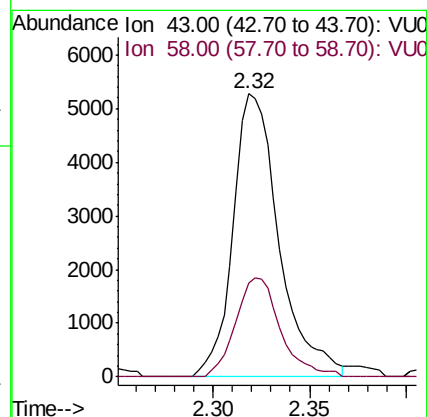
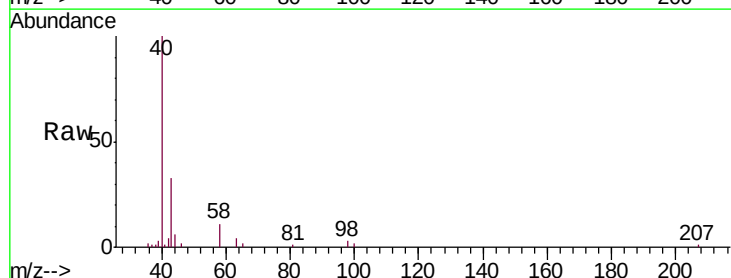
Acq: 20 Mar 2019 21:18

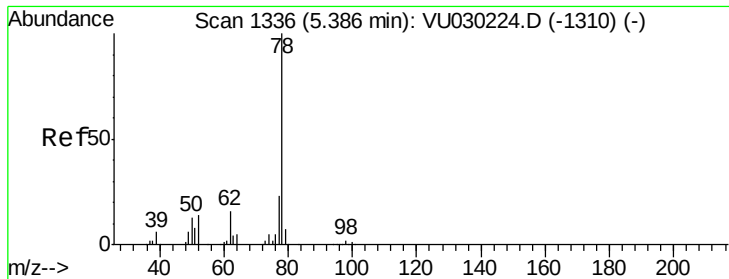
Tgt Ion: 43 Resp: 8737

Ion Ratio Lower Upper

43 100

58 33.8 0.0 73.4





#33

Benzene

Concen: 0.528 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU030238.D

Acq: 20 Mar 2019 21:18

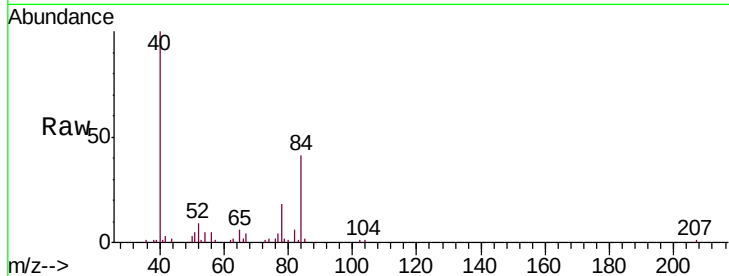
Instrument :

MSVOA_U

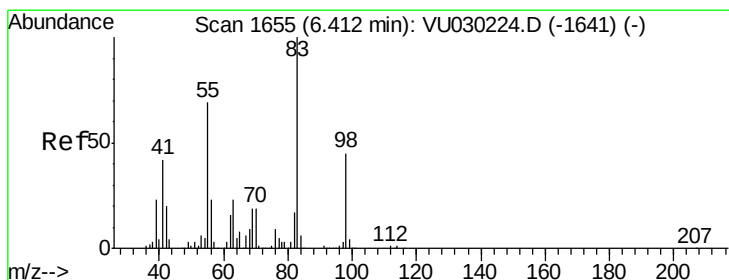
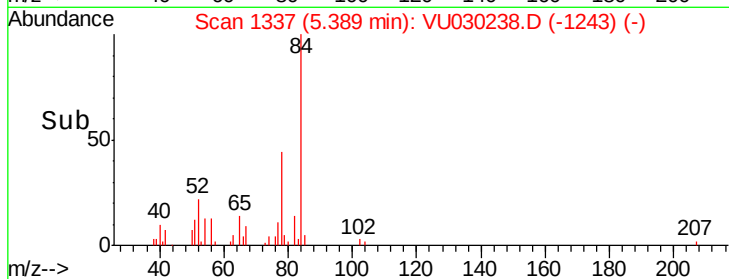
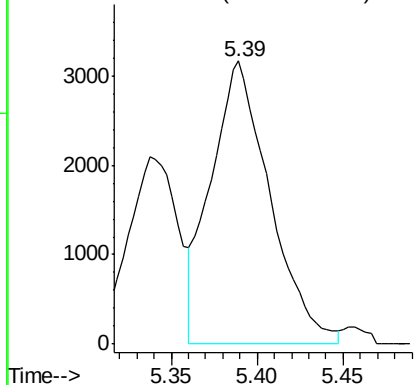
ClientSampleId :

C0969

Tgt Ion: 78 Resp: 7553



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 7.706 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU030238.D

Acq: 20 Mar 2019 21:18

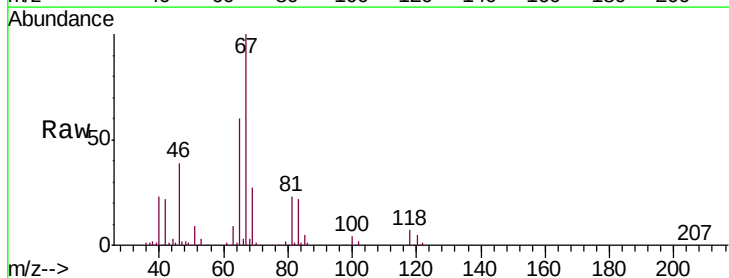
Tgt Ion: 83 Resp: 45543

Ion Ratio Lower Upper

83 100

55 0.5 56.6 85.0#

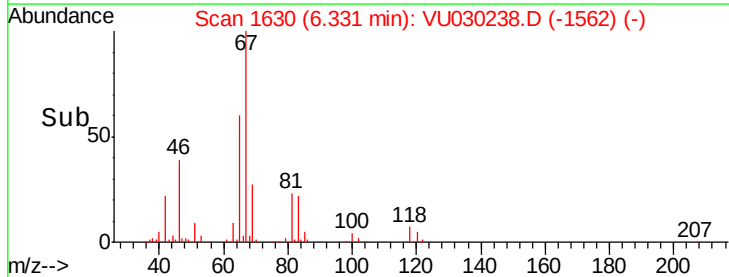
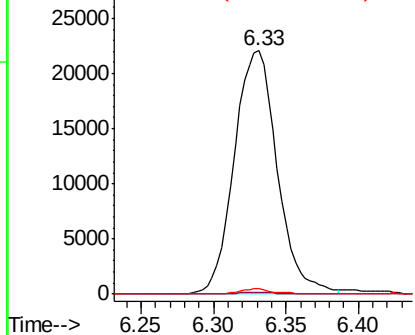
98 1.6 37.0 55.4#

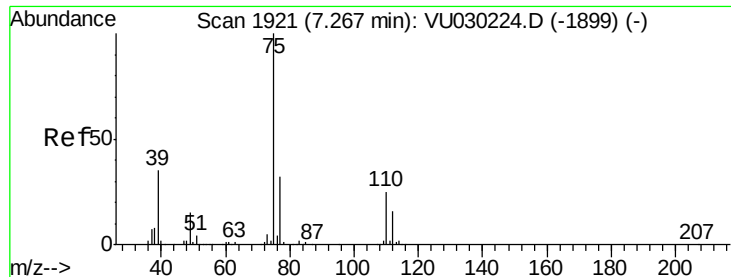


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



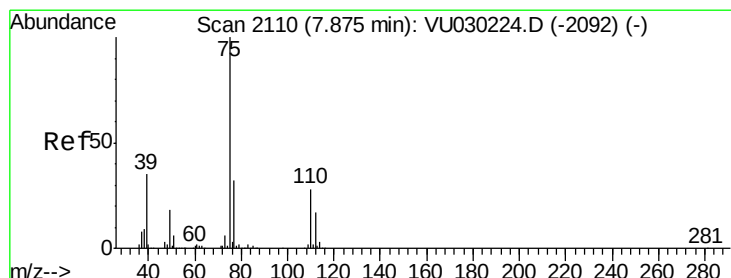
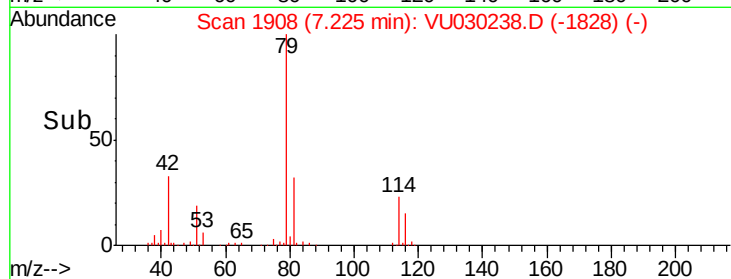
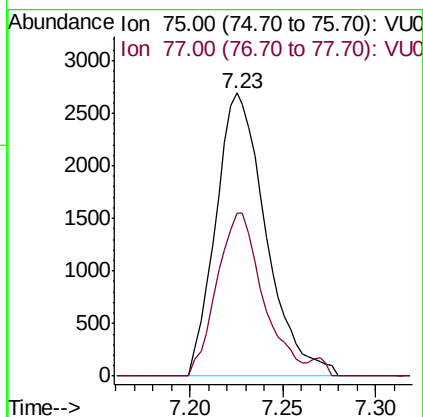
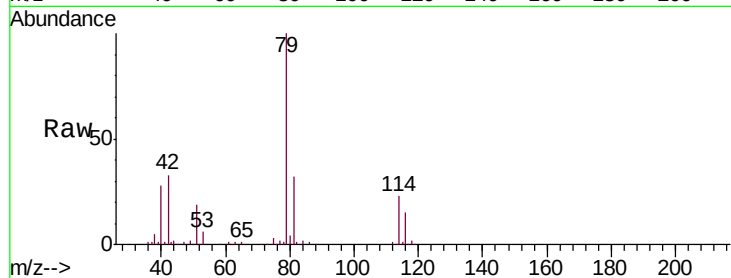


#39

cis-1,3-Dichloropropene
Concen: 0.860 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030238.D
Acq: 20 Mar 2019 21:18

Instrument :
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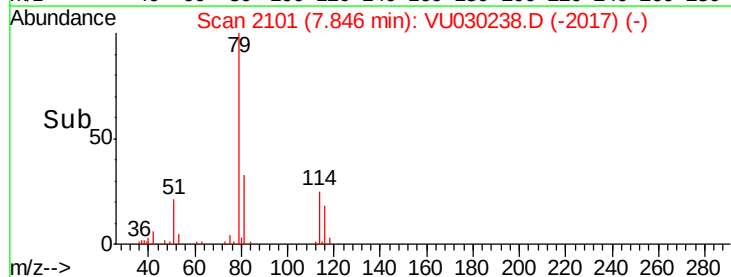
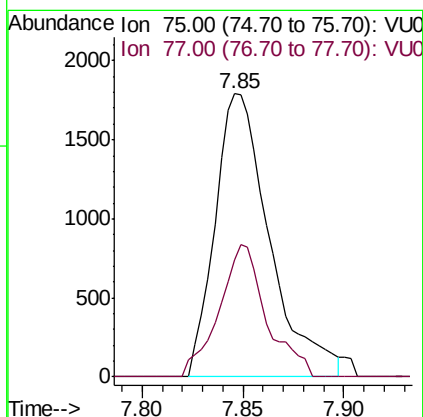
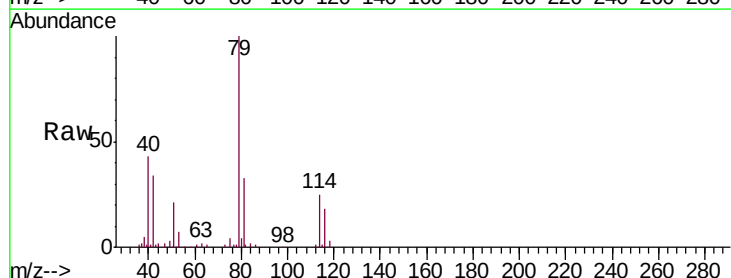
Tgt Ion: 75 Resp: 5051
Ion Ratio Lower Upper
75 100
77 57.8 22.1 41.1#

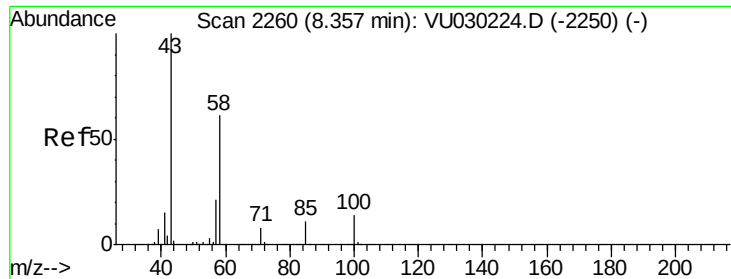


#44

trans-1,3-Dichloropropene
Concen: 0.663 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030238.D
Acq: 20 Mar 2019 21:18

Tgt Ion: 75 Resp: 3372
Ion Ratio Lower Upper
75 100
77 41.3 22.7 42.1

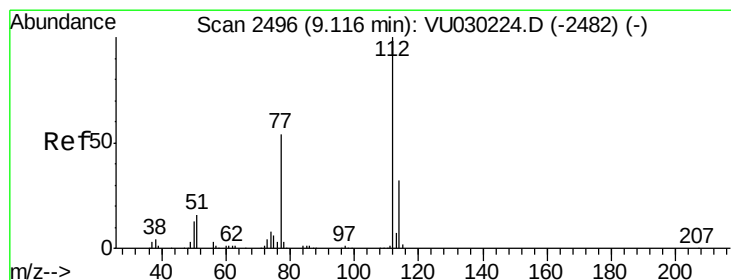
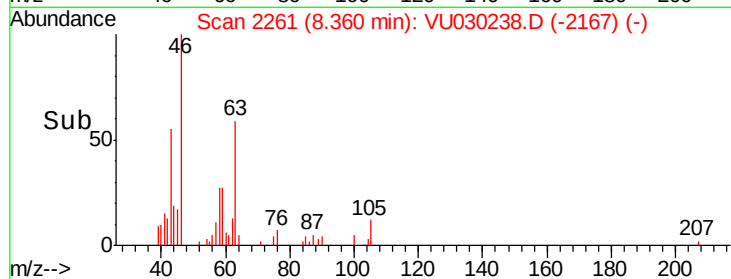
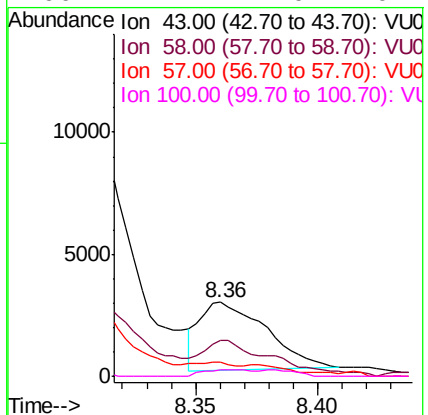
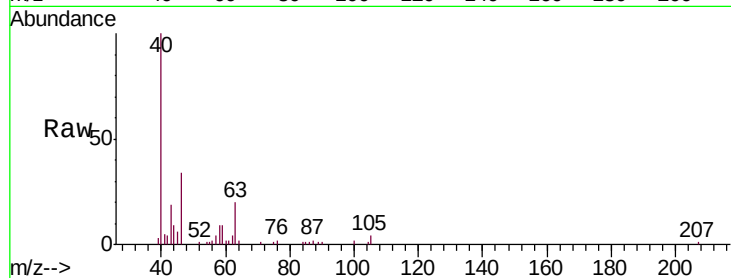




#48
2-Hexanone
Concen: 1.278 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU030238.D
Acq: 20 Mar 2019 21:18

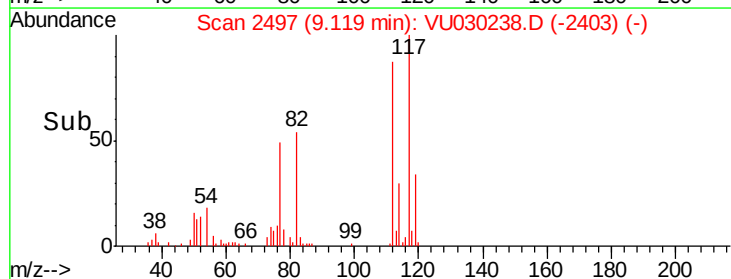
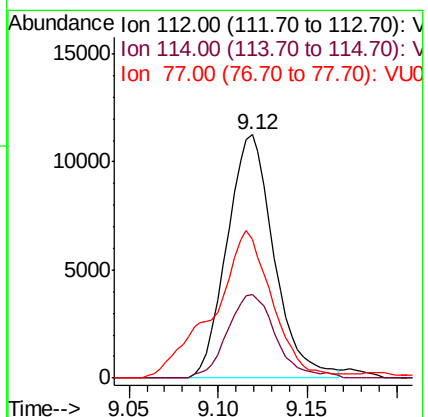
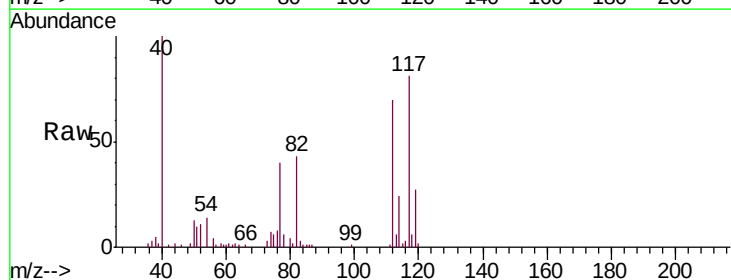
Instrument :
MSVOA_U
ClientSampleId :
C0969

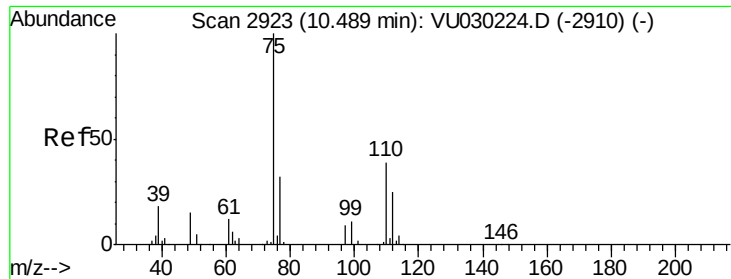
Tgt Ion: 43 Resp: 5339
Ion Ratio Lower Upper
43 100
58 16.6 49.3 73.9#
57 6.4 17.0 25.4#
100 7.2 11.0 16.4#



#51
Chlorobenzene
Concen: 2.009 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030238.D
Acq: 20 Mar 2019 21:18

Tgt Ion: 112 Resp: 20684
Ion Ratio Lower Upper
112 100
114 34.1 22.5 41.7
77 57.0 43.4 65.0

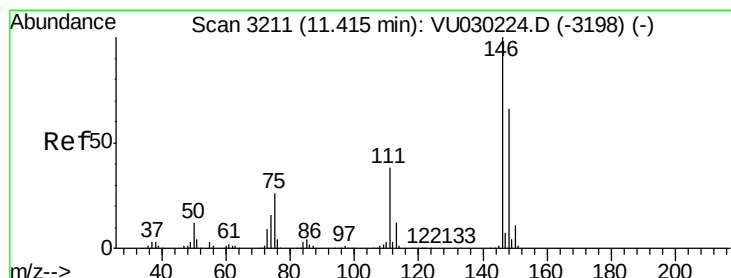
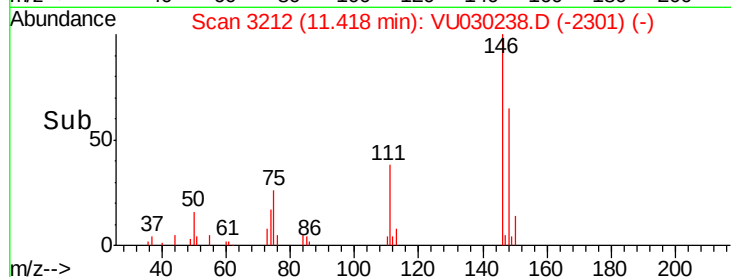
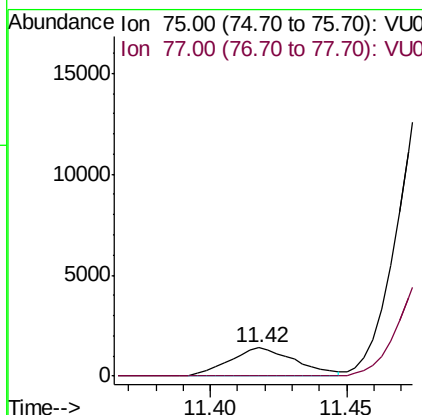
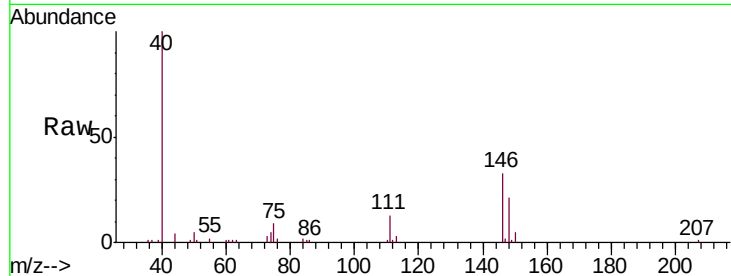




#59
 1,2,3-Trichloropropane
 Concen: 0.479 ug/L
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.93 min
 Lab File: VU030238.D
 Acq: 20 Mar 2019 21:18

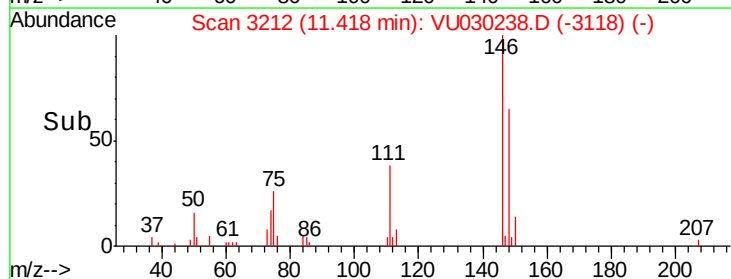
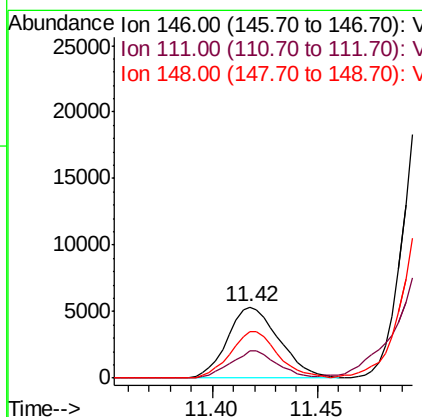
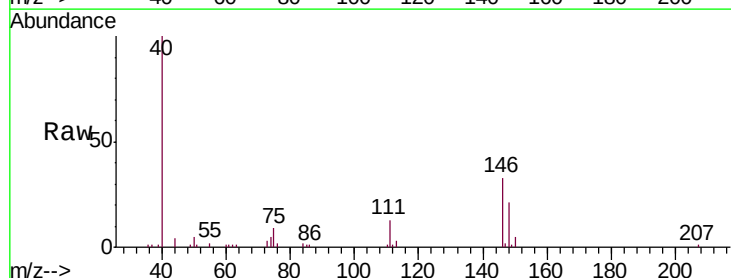
Instrument :
 MSVOA_U
 ClientSampleId :
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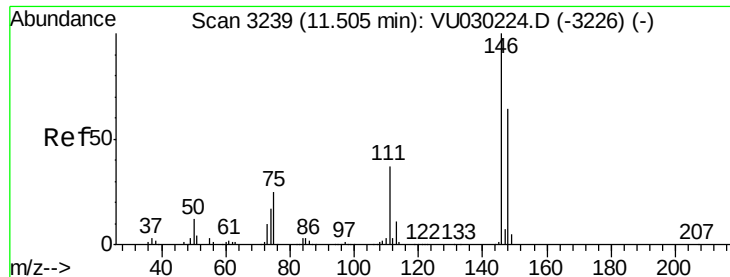
Tgt Ion: 75 Resp: 2373
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.8 38.8#



#62
 1,3-Dichlorobenzene
 Concen: 1.217 ug/L
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VU030238.D
 Acq: 20 Mar 2019 21:18

Tgt Ion: 146 Resp: 9113
 Ion Ratio Lower Upper
 146 100
 111 37.9 27.2 50.4
 148 64.8 44.4 82.5

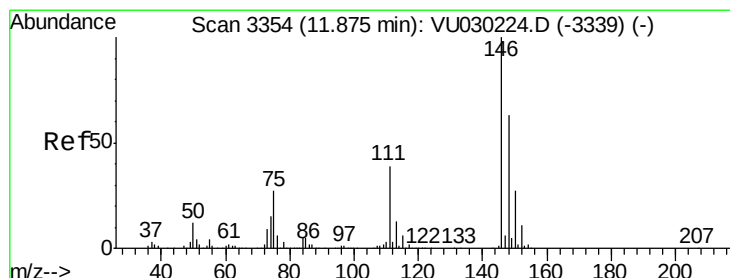
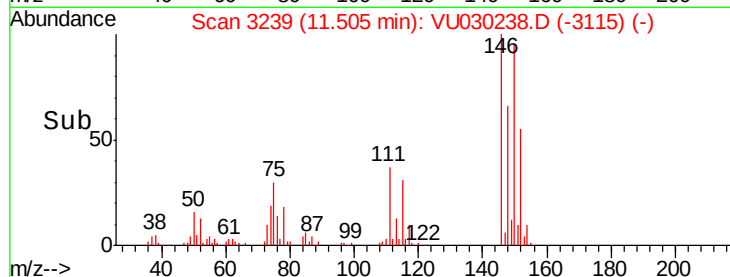
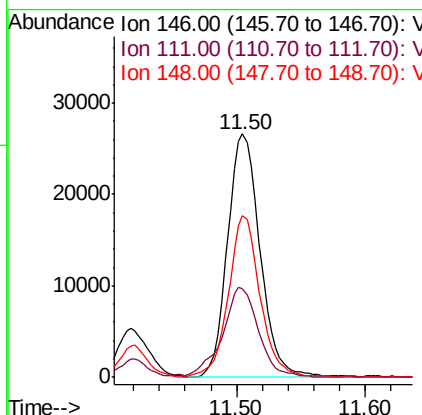
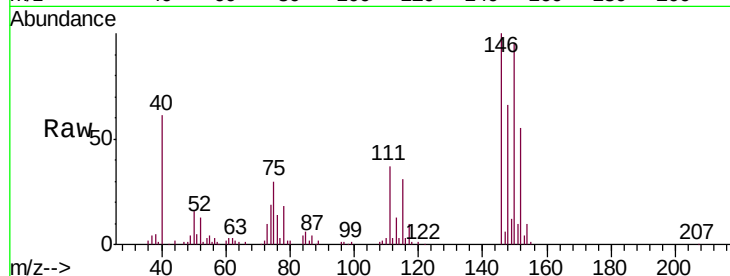




#63
1,4-Dichlorobenzene
Concen: 6.013 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030238.D
Acq: 20 Mar 2019 21:18

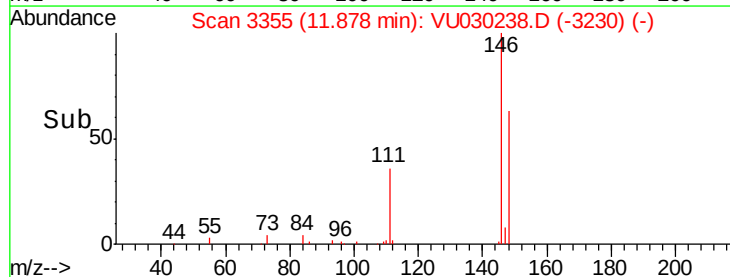
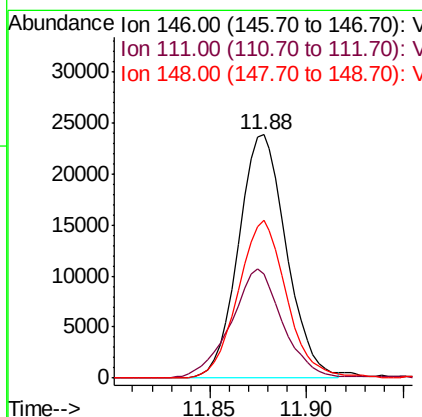
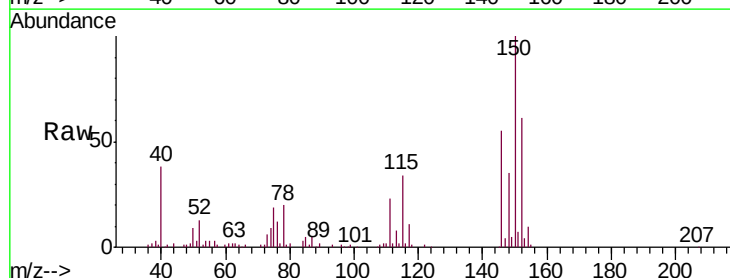
Instrument :
MSVOA_U
ClientSampleId :
C0969

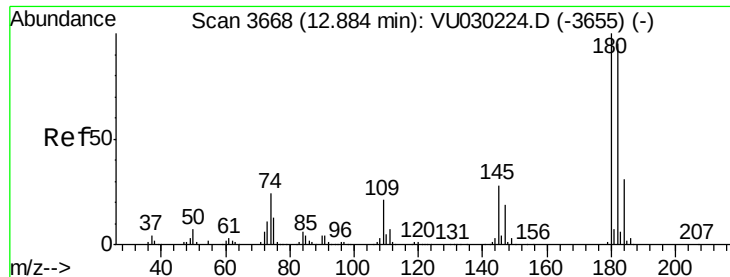
Tgt Ion:146 Resp: 46693
Ion Ratio Lower Upper
146 100
111 36.5 25.3 46.9
148 66.4 44.7 82.9



#65
1,2-Dichlorobenzene
Concen: 5.362 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030238.D
Acq: 20 Mar 2019 21:18

Tgt Ion:146 Resp: 41014
Ion Ratio Lower Upper
146 100
111 42.5 31.7 47.5
148 64.7 52.0 78.0





#67

1,3,5-Trichlorobenzene

Concen: 1.934 ug/L

RT: 13.51 min Scan# 3862

Delta R.T. 0.62 min

Lab File: VU030238.D

Acq: 20 Mar 2019 21:18

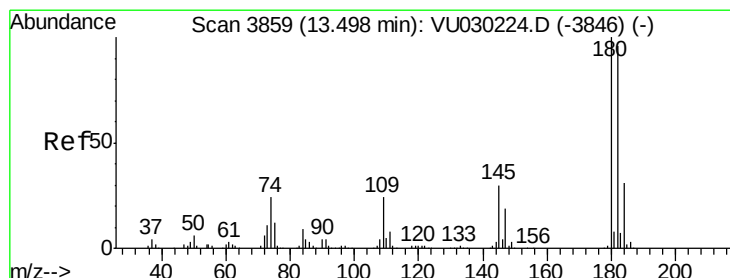
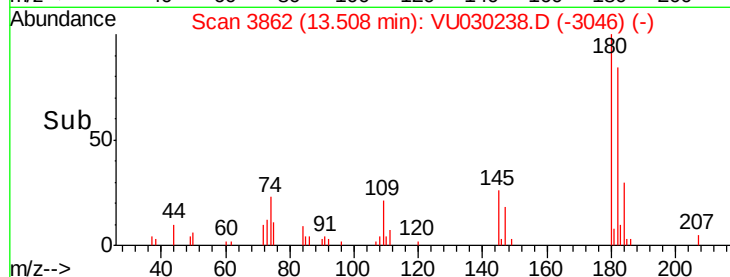
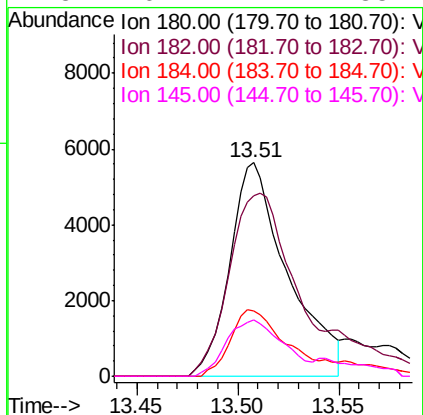
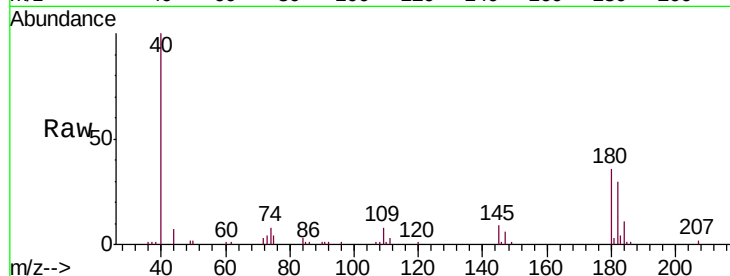
Instrument :

MSVOA_U

ClientSampleId :

C0969

Tgt Ion:	180	Resp:	11313
Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.0	114.0
184	29.1	24.2	36.4
145	26.2	22.1	33.1



#68

1,2,4-trichlorobenzene

Concen: 2.187 ug/L

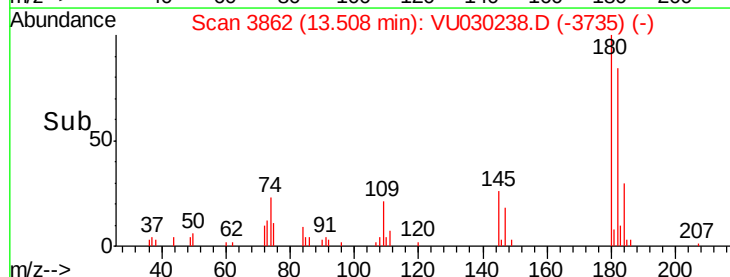
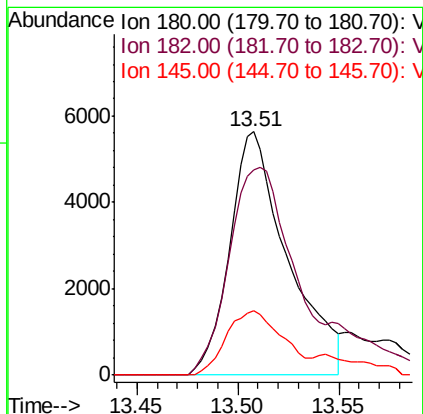
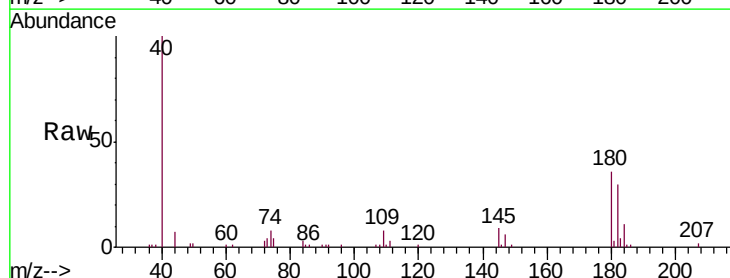
RT: 13.51 min Scan# 3862

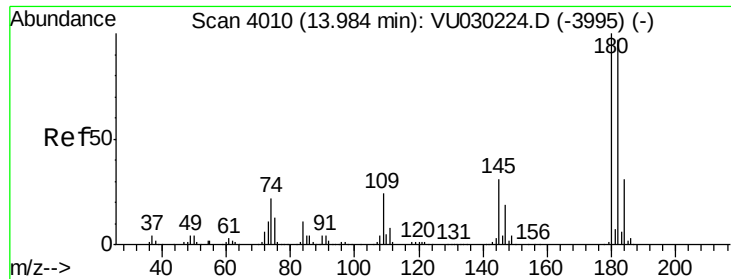
Delta R.T. 0.01 min

Lab File: VU030238.D

Acq: 20 Mar 2019 21:18

Tgt Ion:	180	Resp:	11313
Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.4	114.6
145	26.2	22.7	34.1

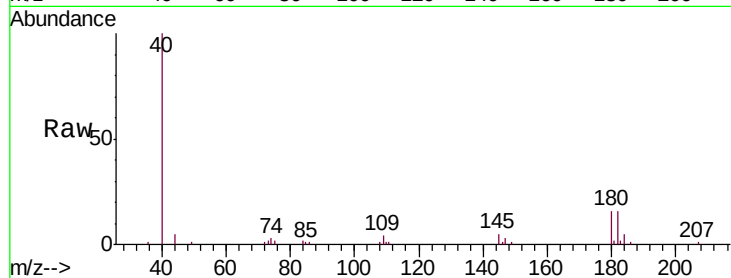




#70
 1,2,3-Trichlorobenzene
 Concen: 1.321 ug/L
 RT: 14.00 min Scan# 4014
 Delta R.T. 0.01 min
 Lab File: VU030238.D
 Acq: 20 Mar 2019 21:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C0969

Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.9	75.9	113.9
145	28.2	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

