

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013616.D
 Acq On : 14 Nov 2019 11:01
 Operator : SY/MD
 Sample : K5815-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:43:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	283300	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	267918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	116708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125521	6.90	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.00%#
7) Chloroethane-d5	1.59	69	108623	7.49	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	149.80%#
11) 1,1-Dichloroethene-d2	2.14	63	164220	5.27	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	3.99	46	258402	79.29	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	158.58%#
24) Chloroform-d	4.40	84	226563	7.26	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	145.20%#
26) 1,2-Dichloroethane-d4	5.08	65	134327	8.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	176.40%#
32) Benzene-d6	5.09	84	528143	8.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	163.60%#
36) 1,2-Dichloropropane-d6	6.12	67	157193	7.10	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	142.00%#
41) Toluene-d8	7.38	98	383810	5.87	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
43) trans-1,3-Dichloropropene-	7.68	79	51458	6.25	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	125.00%
46) 2-Hexanone-d5	8.15	63	185566	56.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93984	6.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	151708	7.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	147.20%#

Target Compounds

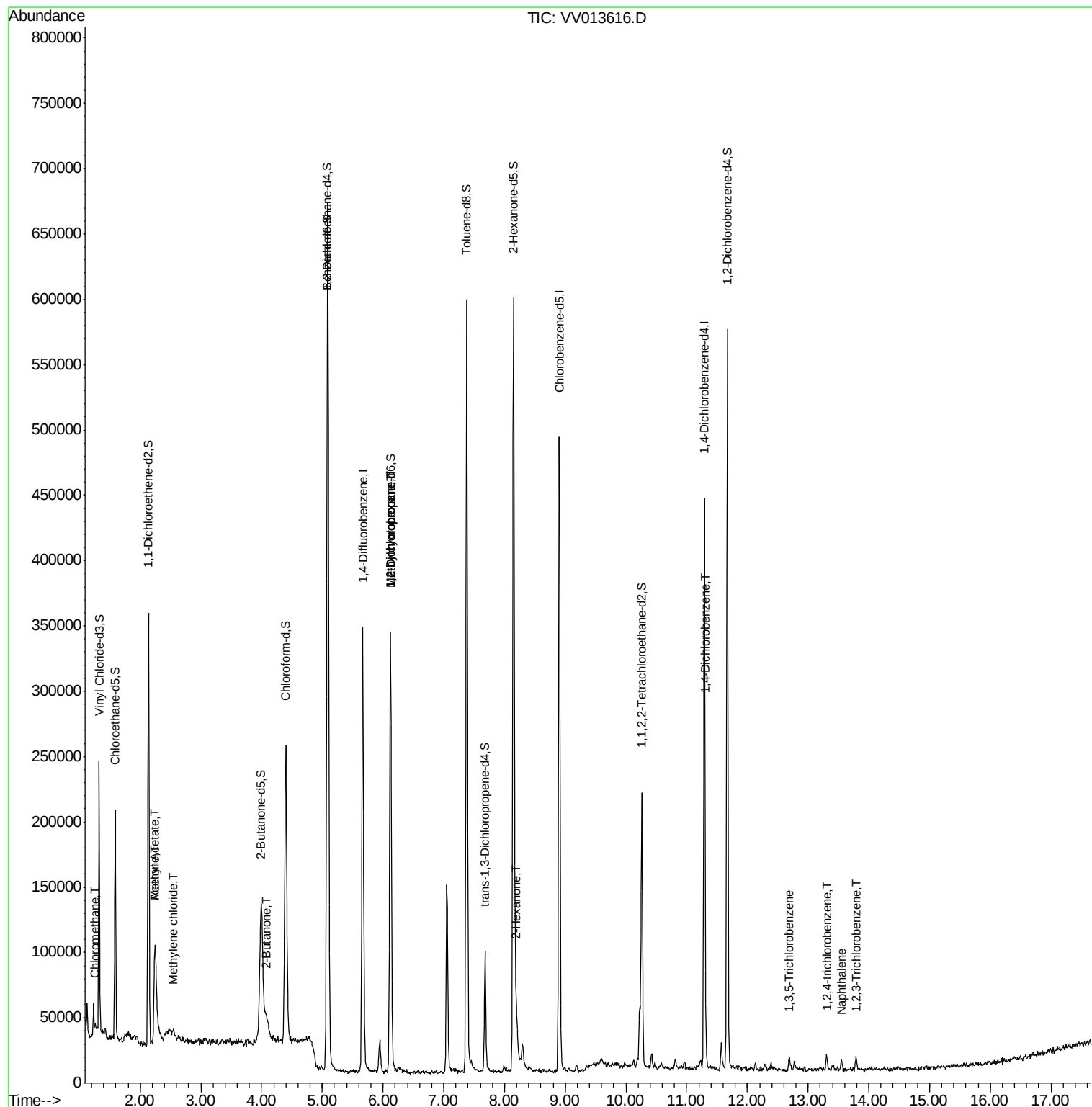
					Ovalue
3) Chloromethane	1.26	50	2660	0.112 ug/L #	75
13) Acetone	2.24	43	168685	80.053 ug/L #	61
15) Methyl Acetate	2.24	43	135748	22.373 ug/L #	48
16) Methylene chloride	2.55	84	2240	0.125 ug/L	92
21) 2-Butanone	4.08	43	28384	7.277 ug/L	93
35) Methylcyclohexane	6.12	83	40288	1.262 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	16572	0.820 ug/L #	100
48) 2-Hexanone	8.20	43	19133	2.406 ug/L #	89
63) 1,4-Dichlorobenzene	11.31	146	3658	0.095 ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	2922	0.096 ug/L #	92
68) 1,2,4-trichlorobenzene	13.31	180	3388	0.143 ug/L #	93
69) Naphthalene	13.55	128	5990	0.201 ug/L	94
70) 1,2,3-Trichlorobenzene	13.79	180	2725	0.124 ug/L #	92

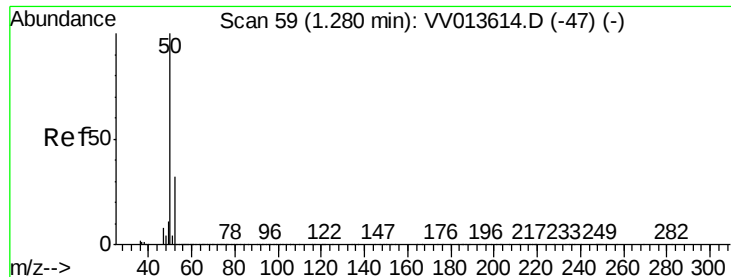
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.112 ug/L

RT: 1.26 min Scan# 53

Delta R.T. -0.02 min

Lab File: VV013616.D

Acq: 14 Nov 2019 11:01

Instrument :

MSVOA_V

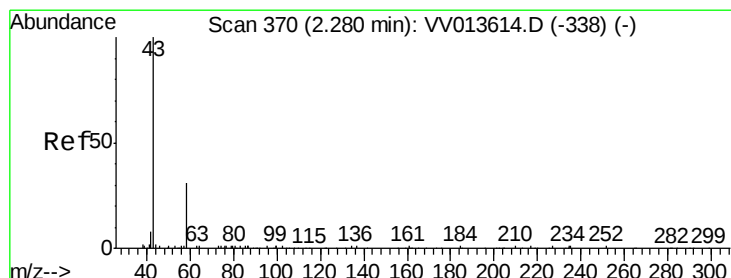
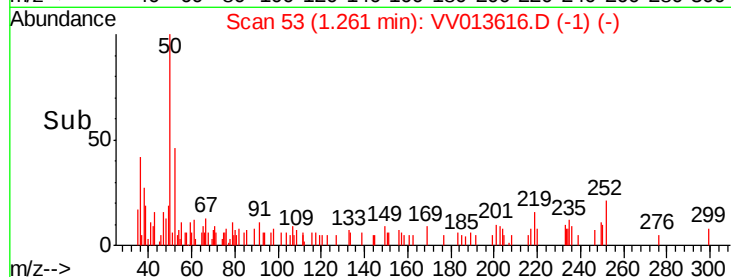
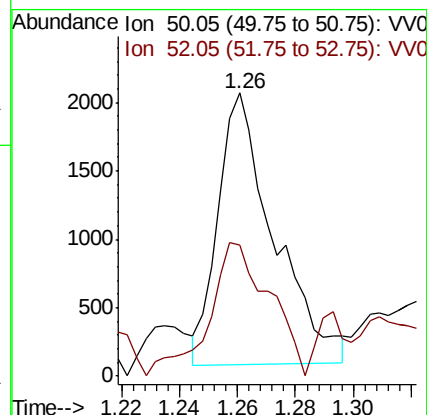
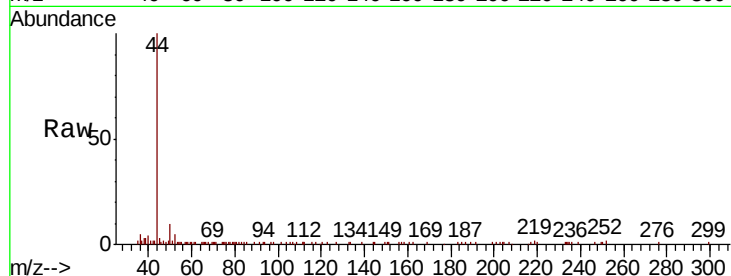
ClientSampleId :

Tot Ion: 50 Resp: 2660

Ion Ratio Lower Upper

50 100

52 46.2 22.7 42.1#



#13

Acetone

Concen: 80.053 ug/L

RT: 2.24 min Scan# 359

Delta R.T. -0.04 min

Lab File: VV013616.D

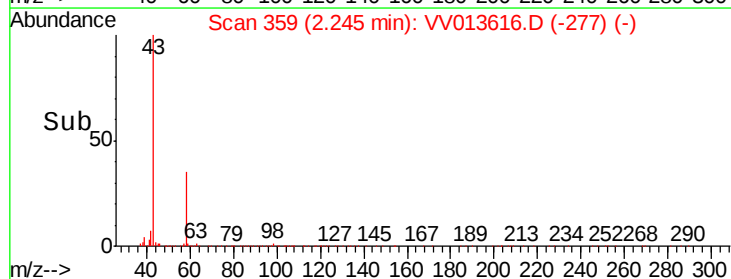
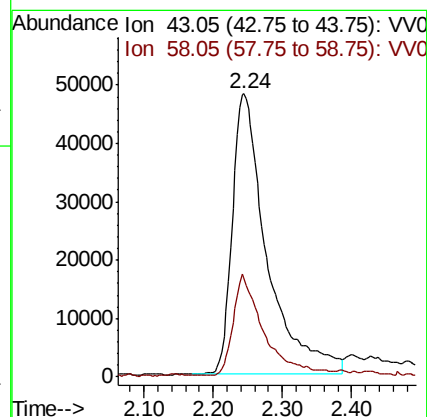
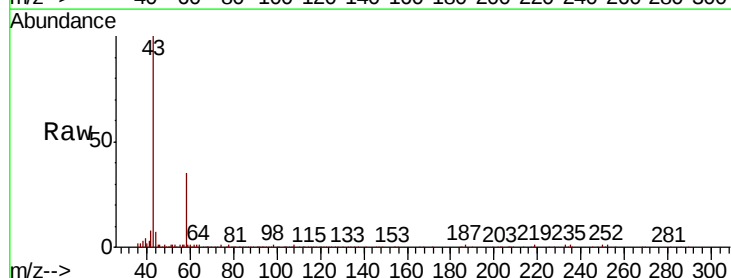
Acq: 14 Nov 2019 11:01

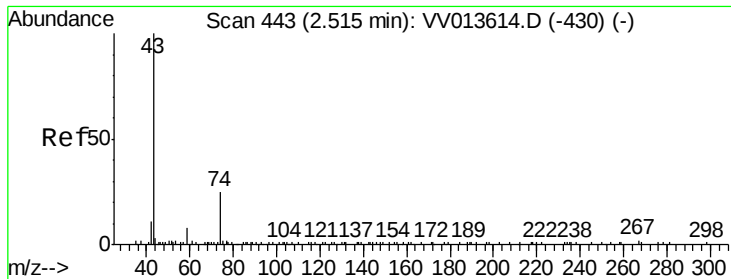
Tgt Ion: 43 Resp: 168685

Ion Ratio Lower Upper

43 100

58 30.5 0.0 28.8#

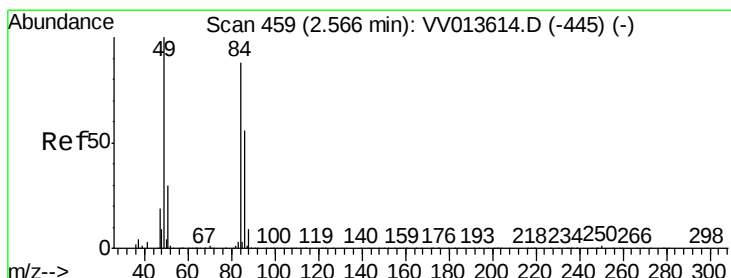
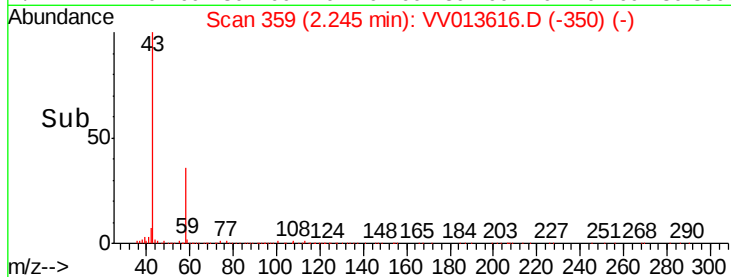
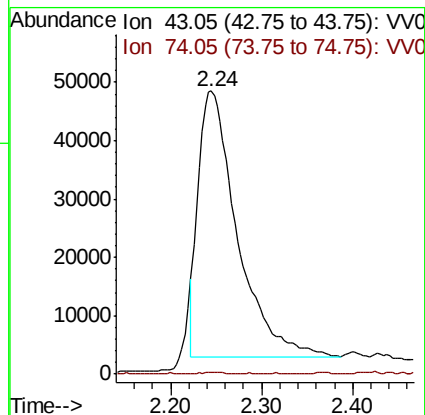
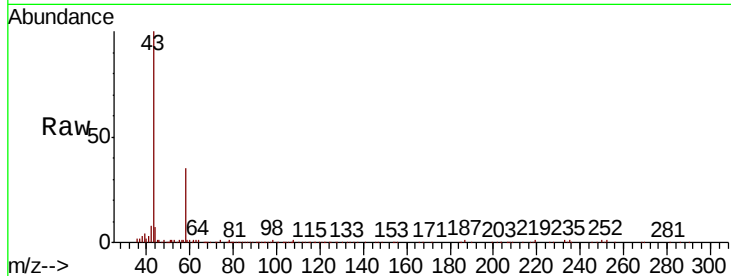




#15
Methyl Acetate
Concen: 22.373 ug/L
RT: 2.24 min Scan# 359
Delta R.T. -0.27 min
Lab File: VV013616.D
Acq: 14 Nov 2019 11:01

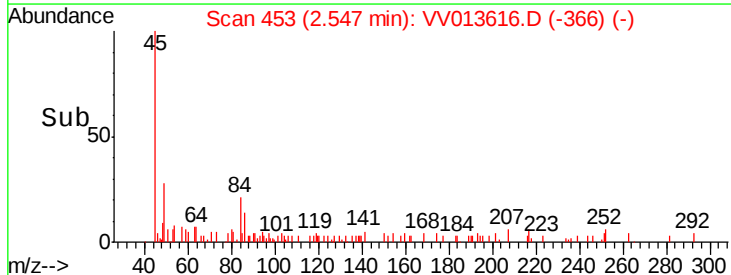
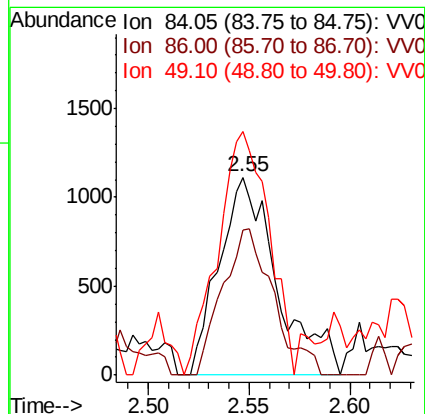
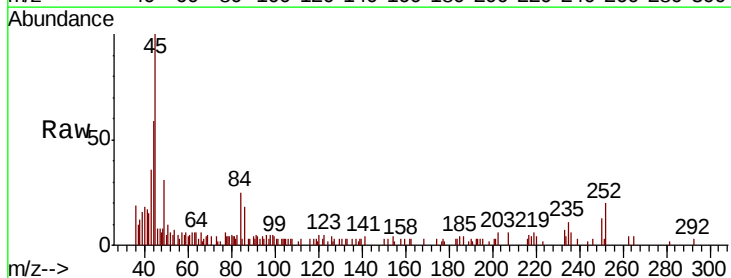
Instrument :
MSVOA_V
ClientSampleId :

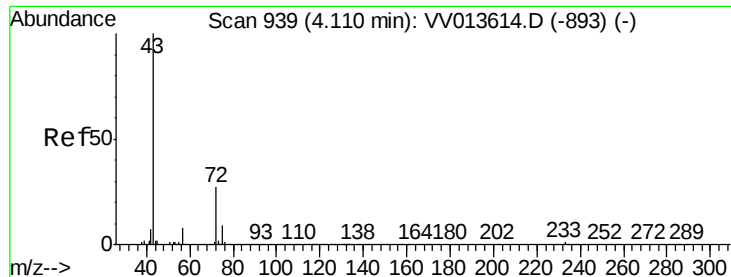
Tot Ion: 43 Resp: 135748
Ion Ratio Lower Upper
43 100
74 0.2 21.9 32.9#



#16
Methylene chloride
Concen: 0.125 ug/L
RT: 2.55 min Scan# 453
Delta R.T. -0.02 min
Lab File: VV013616.D
Acq: 14 Nov 2019 11:01

Tgt Ion: 84 Resp: 2240
Ion Ratio Lower Upper
84 100
86 73.1 45.1 83.9
49 123.1 81.4 151.2

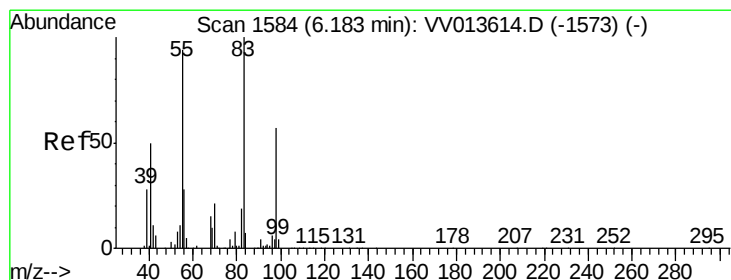
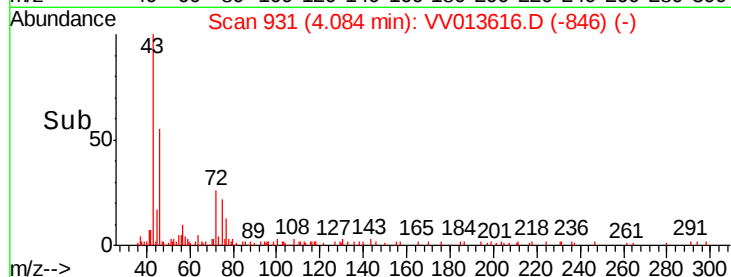
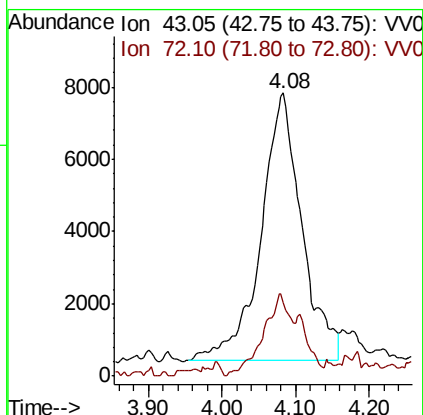
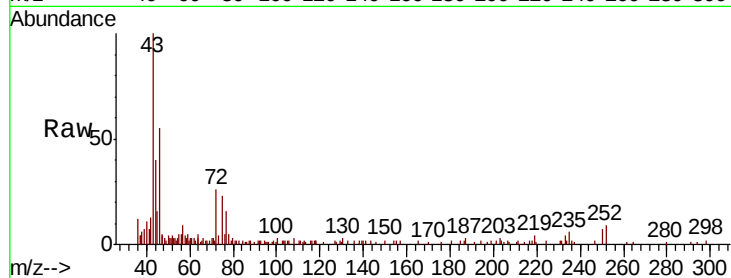




#21
2-Butanone
Concen: 7.277 ug/L
RT: 4.08 min Scan# 931
Delta R.T. -0.03 min
Lab File: VV013616.D
Acq: 14 Nov 2019 11:01

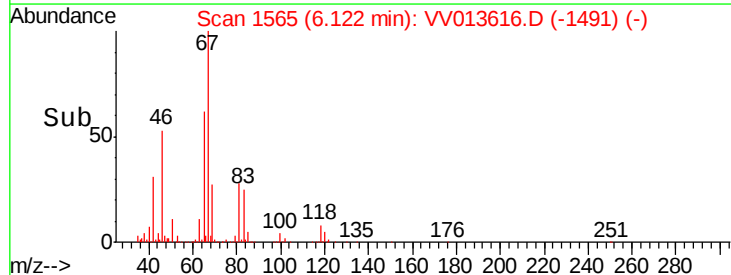
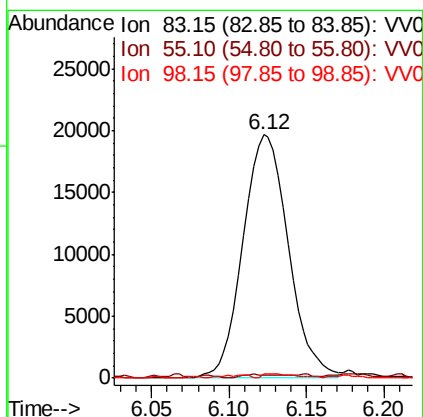
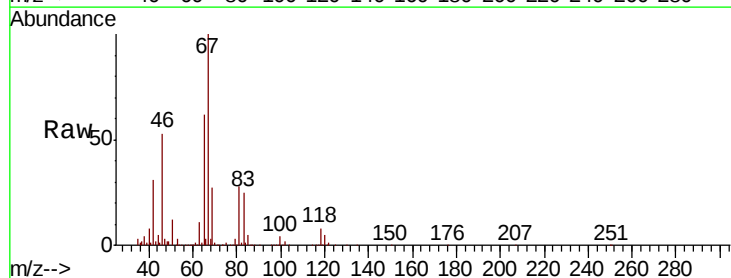
Instrument :
MSVOA_V
ClientSampleId :

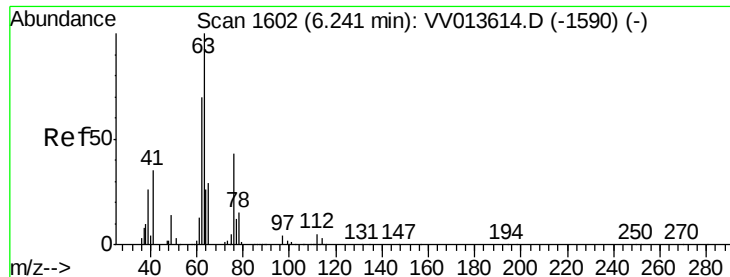
Tot Ion: 43 Resp: 28384
Ion Ratio Lower Upper
43 100
72 21.2 12.3 36.9



#35
Methylcyclohexane
Concen: 1.262 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV013616.D
Acq: 14 Nov 2019 11:01

Tgt Ion: 83 Resp: 40288
Ion Ratio Lower Upper
83 100
55 1.1 67.0 100.4#
98 1.4 38.5 57.7#

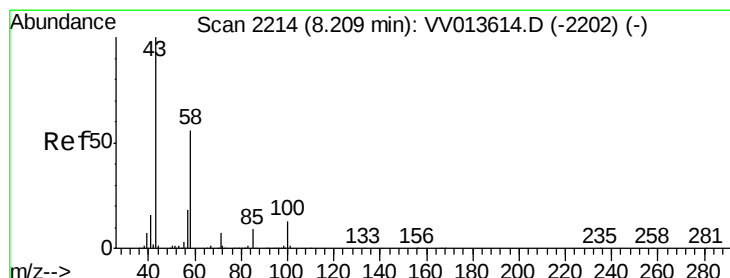
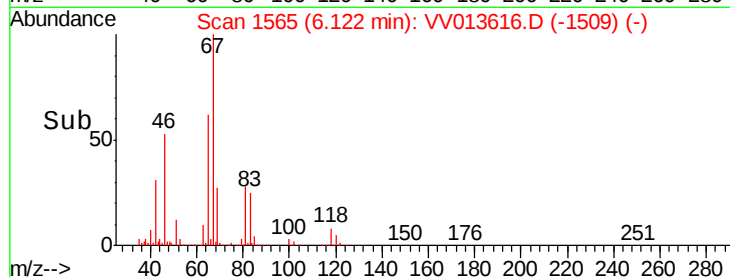
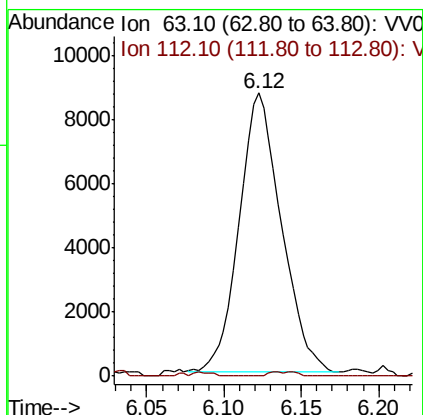
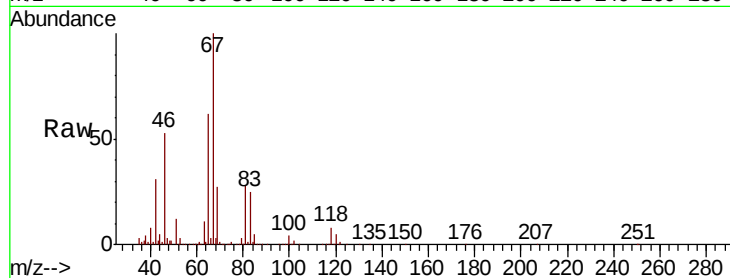




#37
 1,2-Dichloropropane
 Concen: 0.820 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.12 min
 Lab File: VV013616.D
 Acq: 14 Nov 2019 11:01

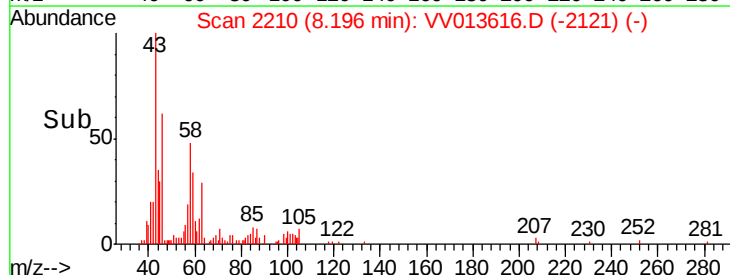
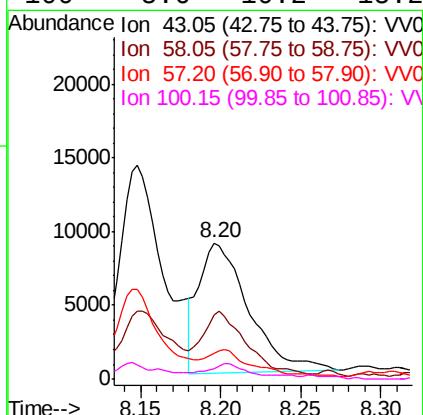
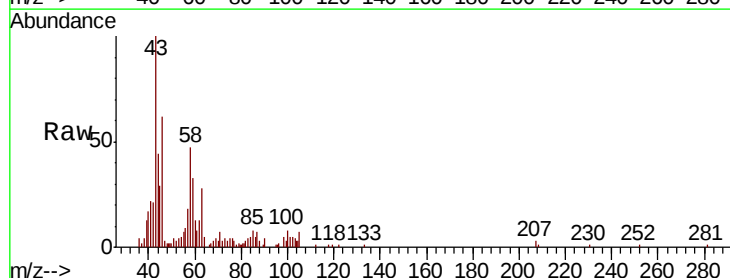
Instrument :
 MSVOA_V
 ClientSampleId :

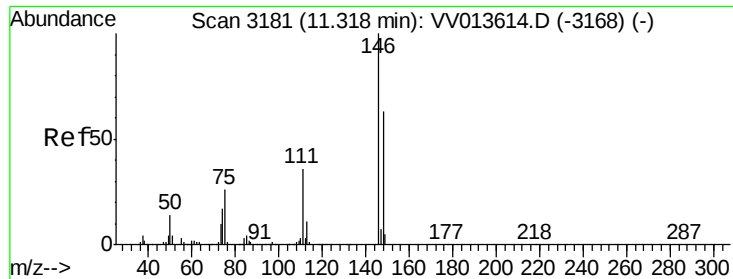
Tot Ion: 63 Resp: 16572
 Ion Ratio Lower Upper
 63 100
 112 0.6 0.2 0.2#



#48
 2-Hexanone
 Concen: 2.406 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: VV013616.D
 Acq: 14 Nov 2019 11:01

Tgt Ion: 43 Resp: 19133
 Ion Ratio Lower Upper
 43 100
 58 47.7 45.1 67.7
 57 17.3 14.6 21.8
 100 5.6 10.2 15.2#





#63

1,4-Dichlorobenzene

Concen: 0.095 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. -0.01 min

Lab File: VV013616.D

Acq: 14 Nov 2019 11:01

Instrument :

MSVOA_V

ClientSampled :

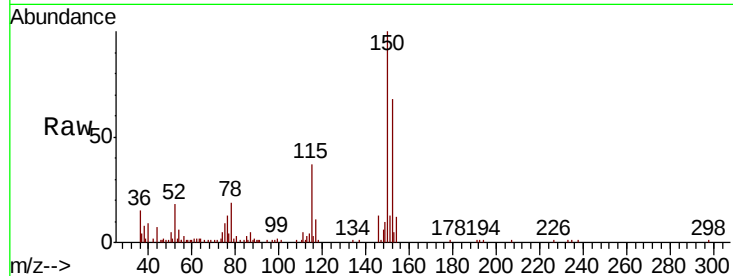
Tot Ion:146 Resp: 3658

Ion Ratio Lower Upper

146 100

111 36.9 24.7 45.9

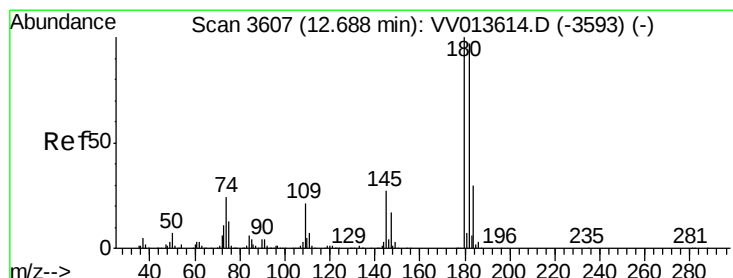
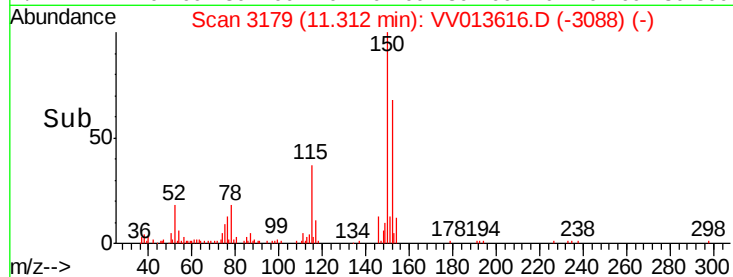
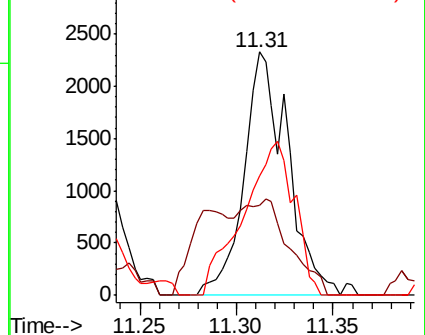
148 49.2 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 0.096 ug/L

RT: 12.69 min Scan# 3609

Delta R.T. 0.01 min

Lab File: VV013616.D

Acq: 14 Nov 2019 11:01

Tgt Ion:180 Resp: 2922

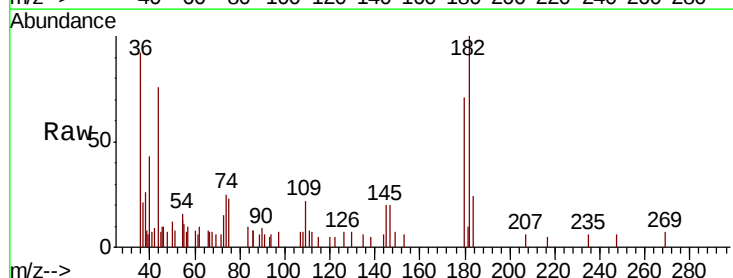
Ion Ratio Lower Upper

180 100

182 104.9 76.7 115.1

184 31.2 24.8 37.2

145 20.6 21.5 32.3#

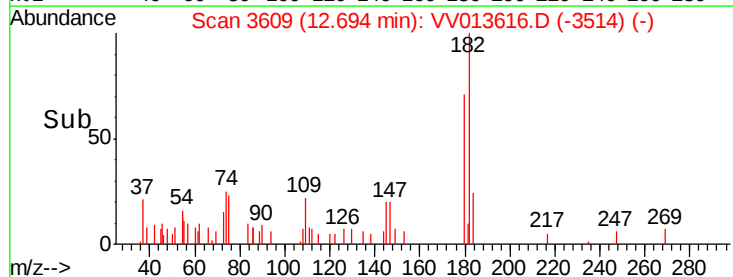
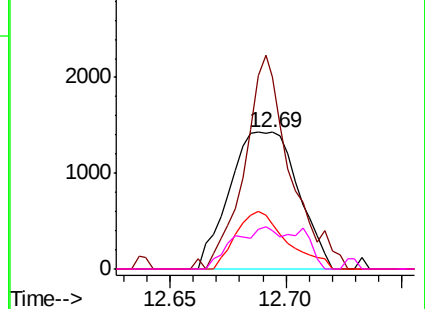


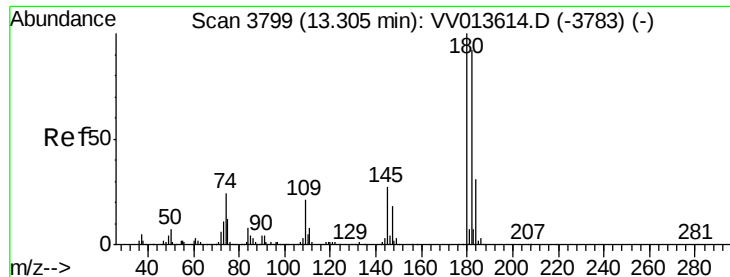
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

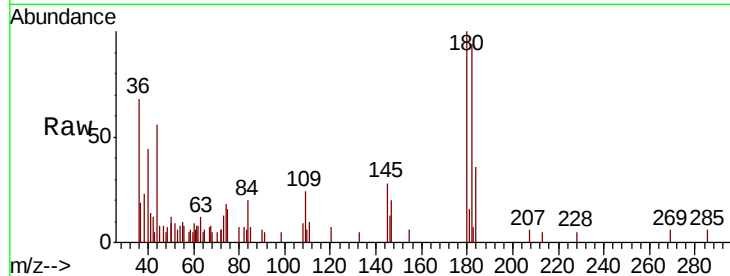




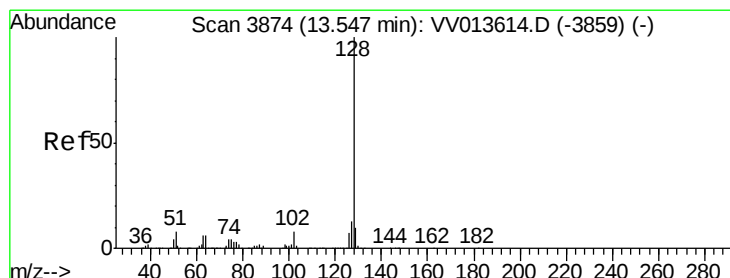
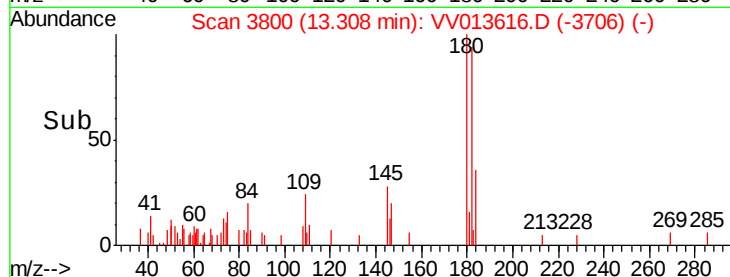
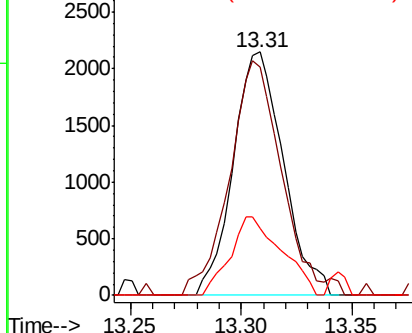
#68
 1,2,4-trichlorobenzene
 Concen: 0.143 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013616.D
 Acq: 14 Nov 2019 11:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 3388
 Ion Ratio Lower Upper
 180 100
 182 100.5 75.7 113.5
 145 33.0 21.9 32.9#

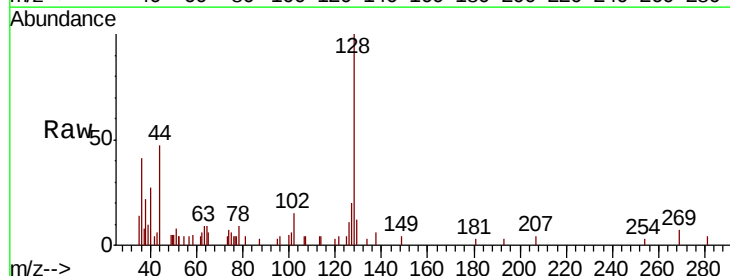


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

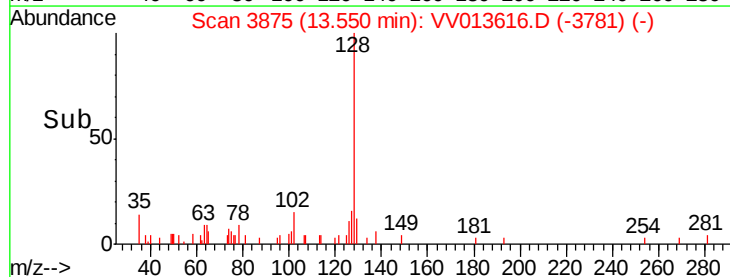
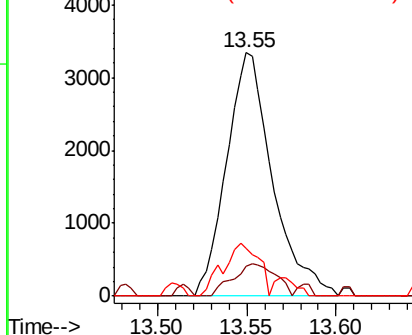


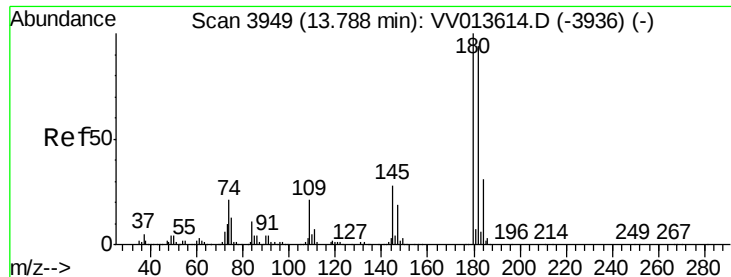
#69
 Naphthalene
 Concen: 0.201 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.00 min
 Lab File: VV013616.D
 Acq: 14 Nov 2019 11:01

Tgt Ion:128 Resp: 5990
 Ion Ratio Lower Upper
 128 100
 129 12.3 8.2 12.4
 127 16.6 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

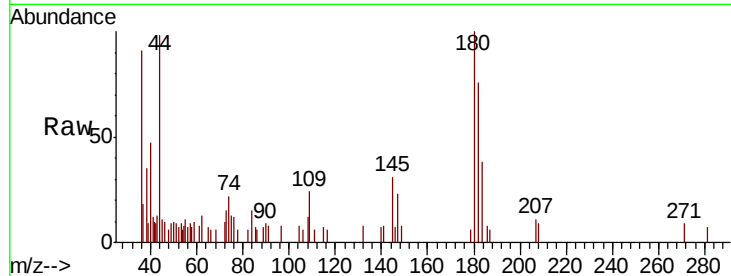




#70
 1,2,3-Trichlorobenzene
 Concen: 0.124 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013616.D
 Acq: 14 Nov 2019 11:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.3	75.4	113.2
145	35.2	22.6	33.8



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

