

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
 Data File : VW014108.D
 Acq On : 25 Nov 2019 13:39
 Operator : SY/VA
 Sample : K6007-04
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL2

Manual Integrations
 APPROVED

apatel
 11/27/2019 5:13:12 PM

Quant Time: Nov 26 09:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 26 07:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	329013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	71555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75303	14.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.40%
7) Chloroethane-d5	2.89	69	79713	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
10) 1,1-Dichloroethene-d2	4.01	63	125041	11.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.44%
20) 2-Butanone-d5	7.07	46	56219	36.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.72%
24) Chloroform-d	7.64	84	215997	21.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	8.30	65	99877	19.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.56%
29) Benzene-d6	8.27	84	443285	25.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.60%
33) 1,2-Dichloropropane-d6	9.27	67	141284	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.52%
37) Toluene-d8	10.32	98	358603	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.64%
38) trans-1,3-Dichloropropene-	10.58	79	29880	13.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.60%
39) 2-Hexanone-d5	10.92	63	39394	40.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88849	23.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	83533	29.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.11	43	9546	6.152	ug/L	70
16) Methylene chloride	4.92	84	15097m	2.383	ug/L	
63) 1,3-Dichlorobenzene	13.51	146	2356	0.469	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1777	0.358	ug/L	92
68) 1,2,4-trichlorobenzene	15.14	180	1015	0.337	ug/L #	81

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

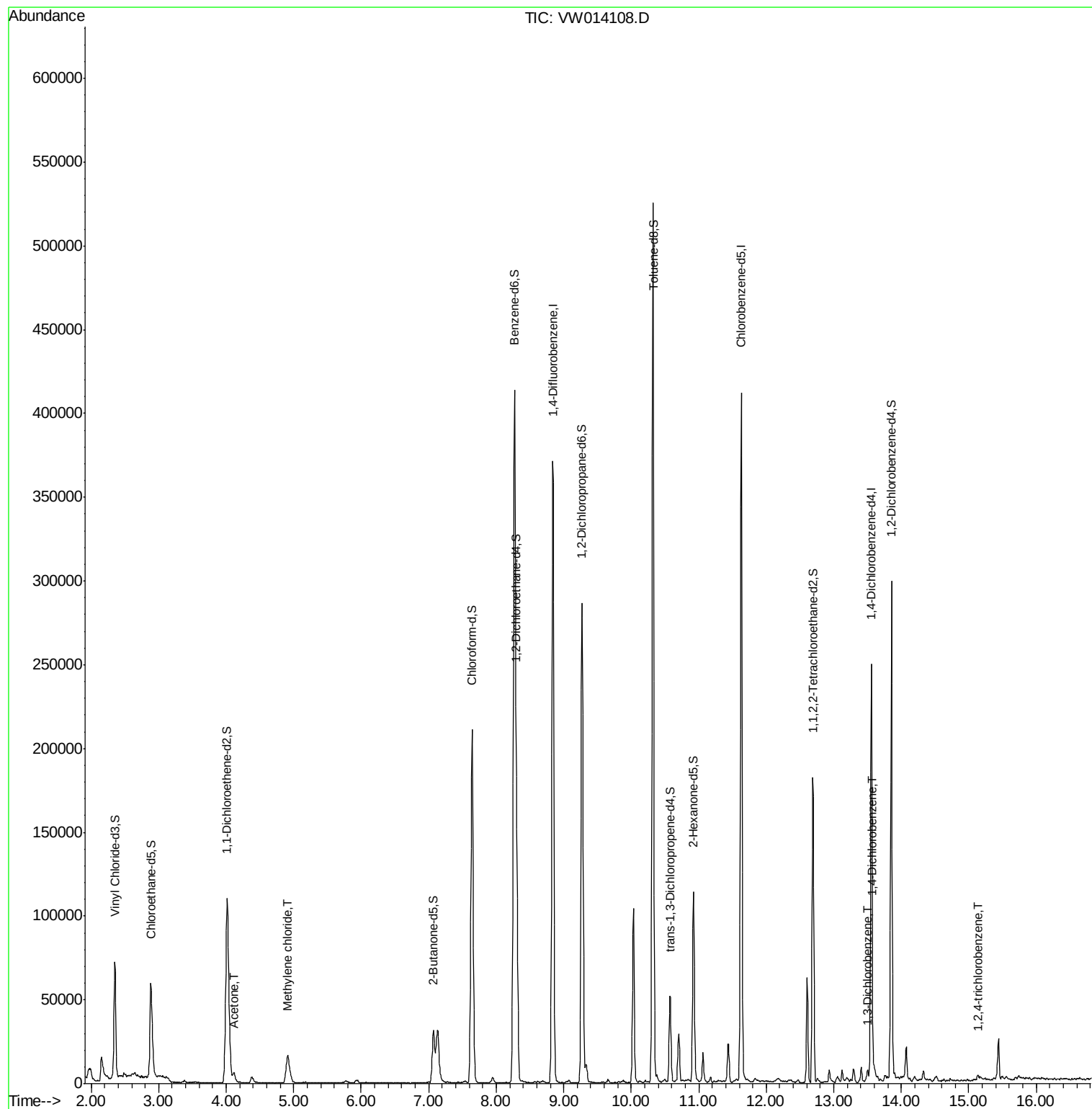
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112519\
Data File : VW014108.D
Acq On : 25 Nov 2019 13:39
Operator : SY/VA
Sample : K6007-04
Misc : 5.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

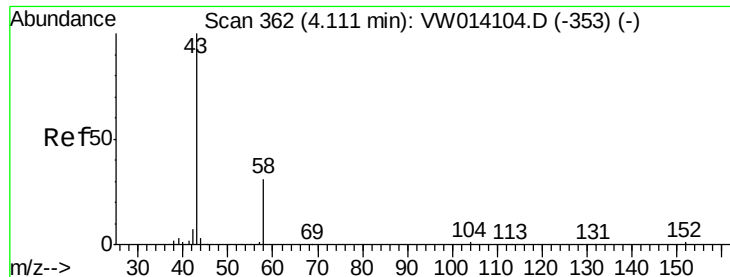
Instrument :
MSVOA_W
ClientSampleId :
C0BL2

Manual Integrations
APPROVED

apatel
11/27/2019 5:13:12 PM

Quant Time: Nov 26 09:35:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration





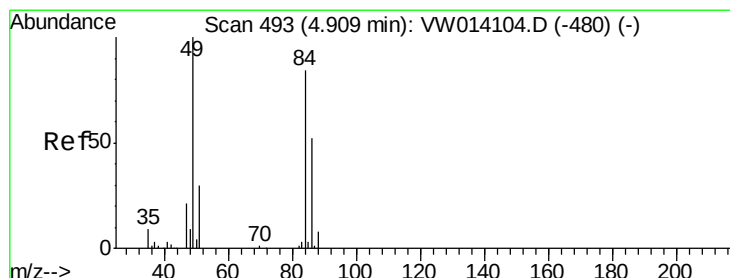
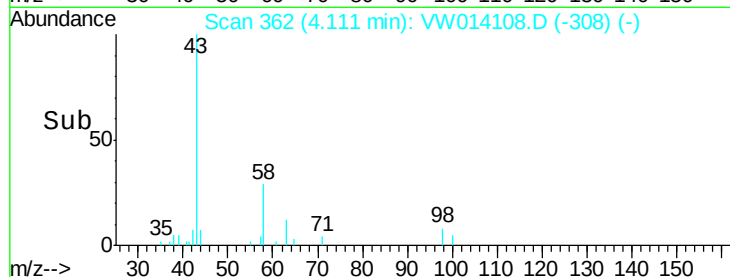
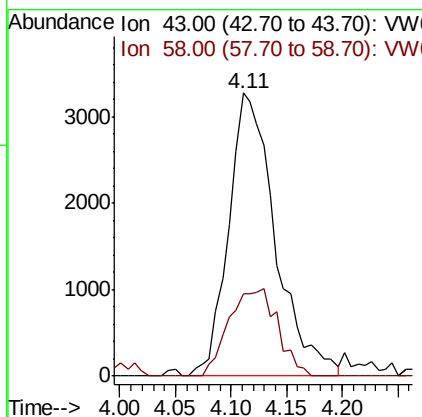
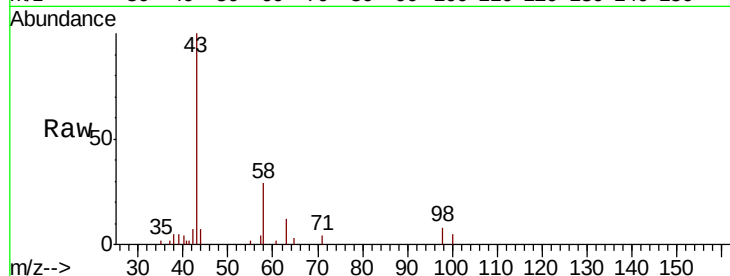
#13
Acetone
Concen: 6.152 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.00 min
Lab File: VW014108.D
Acq: 25 Nov 2019 13:39

Instrument :
MSVOA_W
ClientSampled :
C0BL2

Tot Ion	Ratio	Lower	Upper
43	100		
58	16.1	0.0	65.4

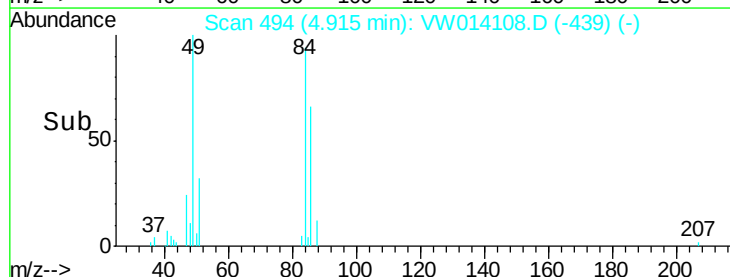
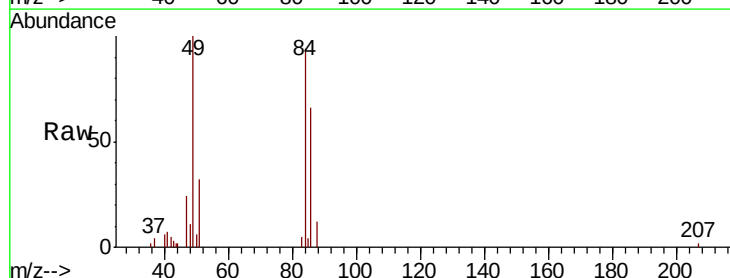
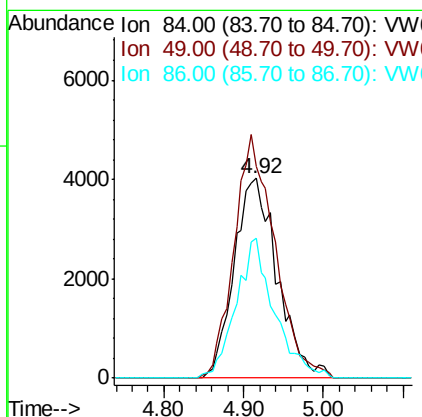
Manual Integrations
APPROVED

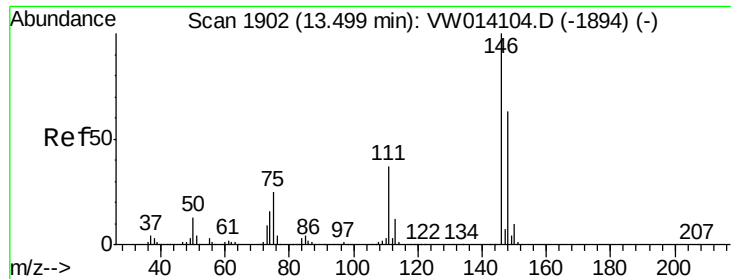
apatel
11/27/2019 5:13:12 PM



#16
Methylene chloride
Concen: 2.383 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014108.D
Acq: 25 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.8	84.2	156.4
86	70.0	43.7	81.1





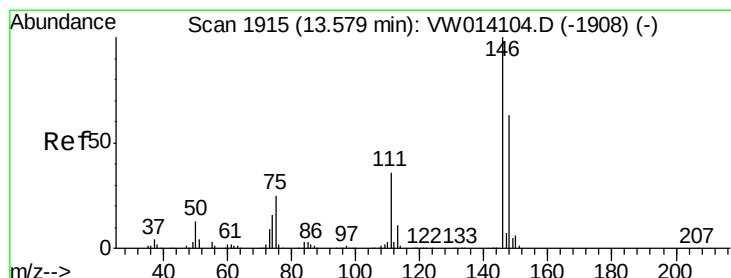
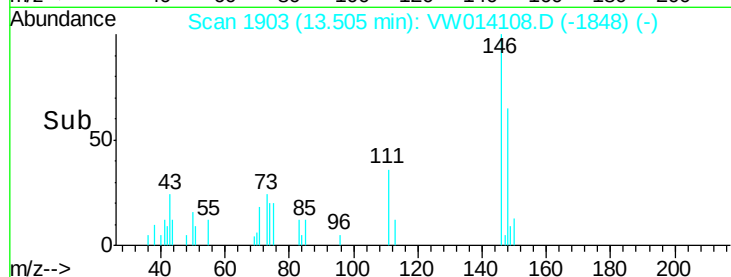
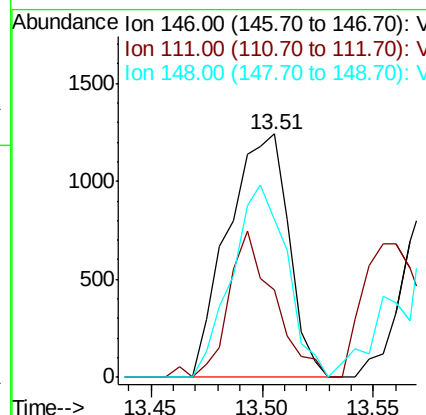
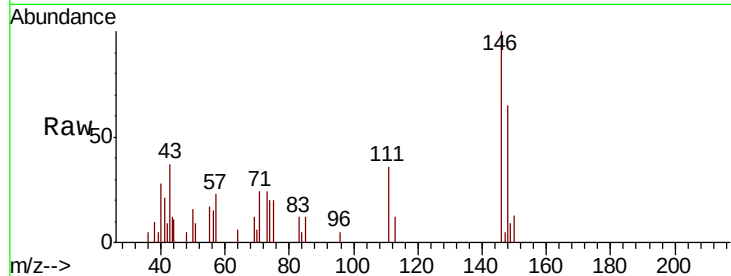
#63
 1,3-Dichlorobenzene
 Concen: 0.469 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW014108.D
 Acq: 25 Nov 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL2

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	26.0	48.2
148	65.0	44.7	82.9

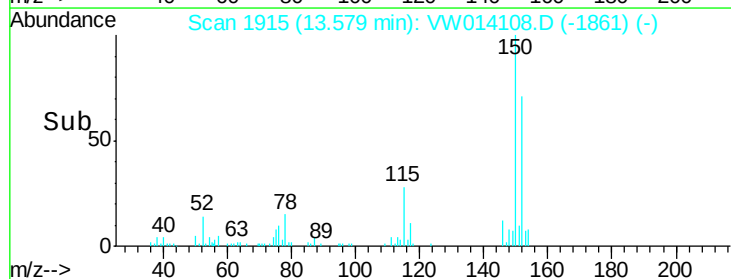
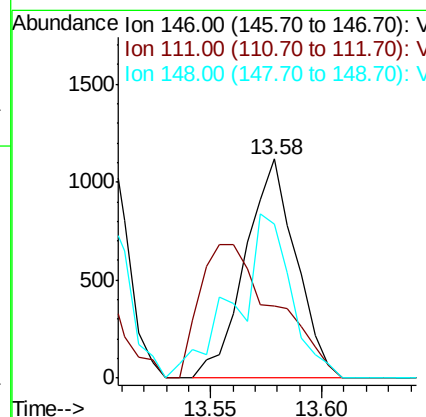
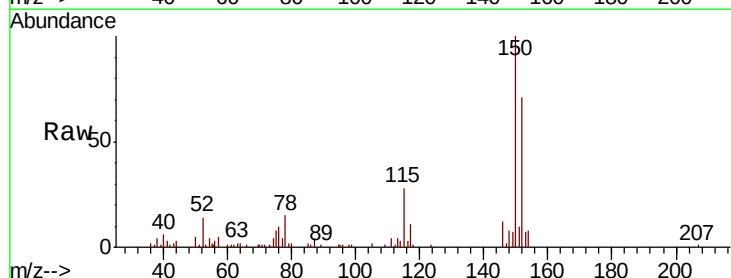
Manual Integrations
 APPROVED

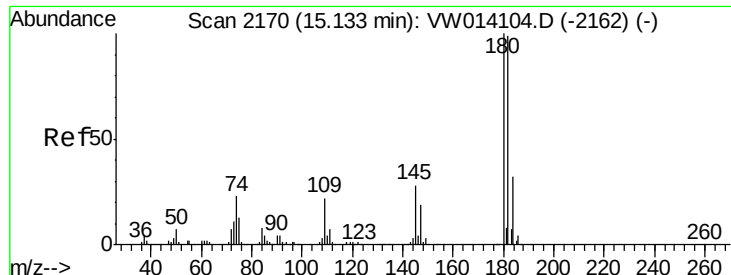
apatel
 11/27/2019 5:13:12 PM



#64
 1,4-Dichlorobenzene
 Concen: 0.358 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014108.D
 Acq: 25 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	32.8	24.9	46.3
148	70.6	43.9	81.5





#68
 1,2,4-trichlorobenzene
 Concen: 0.337 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW014108.D
 Acq: 25 Nov 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL2

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	115.0	75.8	113.8#
145	34.3	22.4	33.6#

Manual Integrations
 APPROVED

apatel
 11/27/2019 5:13:12 PM

