

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011301.D
 Acq On : 07 Jun 2019 21:21
 Operator : SY/MD
 Sample : K3226-09DL 10X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN7DL

Manual Integrations
 APPROVED

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 6/10/2019 11:43:22 AM

Quant Time: Jun 08 02:04:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 08 00:40:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160518	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43359	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.58	69	36380	3.60	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.00%
11) 1,1-Dichloroethene-d2	2.11	63	76928	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.97	46	157105	57.37	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.74%
24) Chloroform-d	4.40	84	96532	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.08	65	57467m	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.09	84	192723	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.12	67	61952	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	165126	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.66	79	18983	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.14	63	123756	56.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45568	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	55877	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
17) Methyl tert-butyl Ether	2.81	73	14335	0.531 ug/L #	92
18) trans-1,2-Dichloroethene	2.78	96	8929	0.789 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	47602	3.796 ug/L	98
34) Trichloroethene	5.95	95	126057	10.405 ug/L	97
47) Tetrachloroethene	8.02	164	10402	1.188 ug/L	96

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

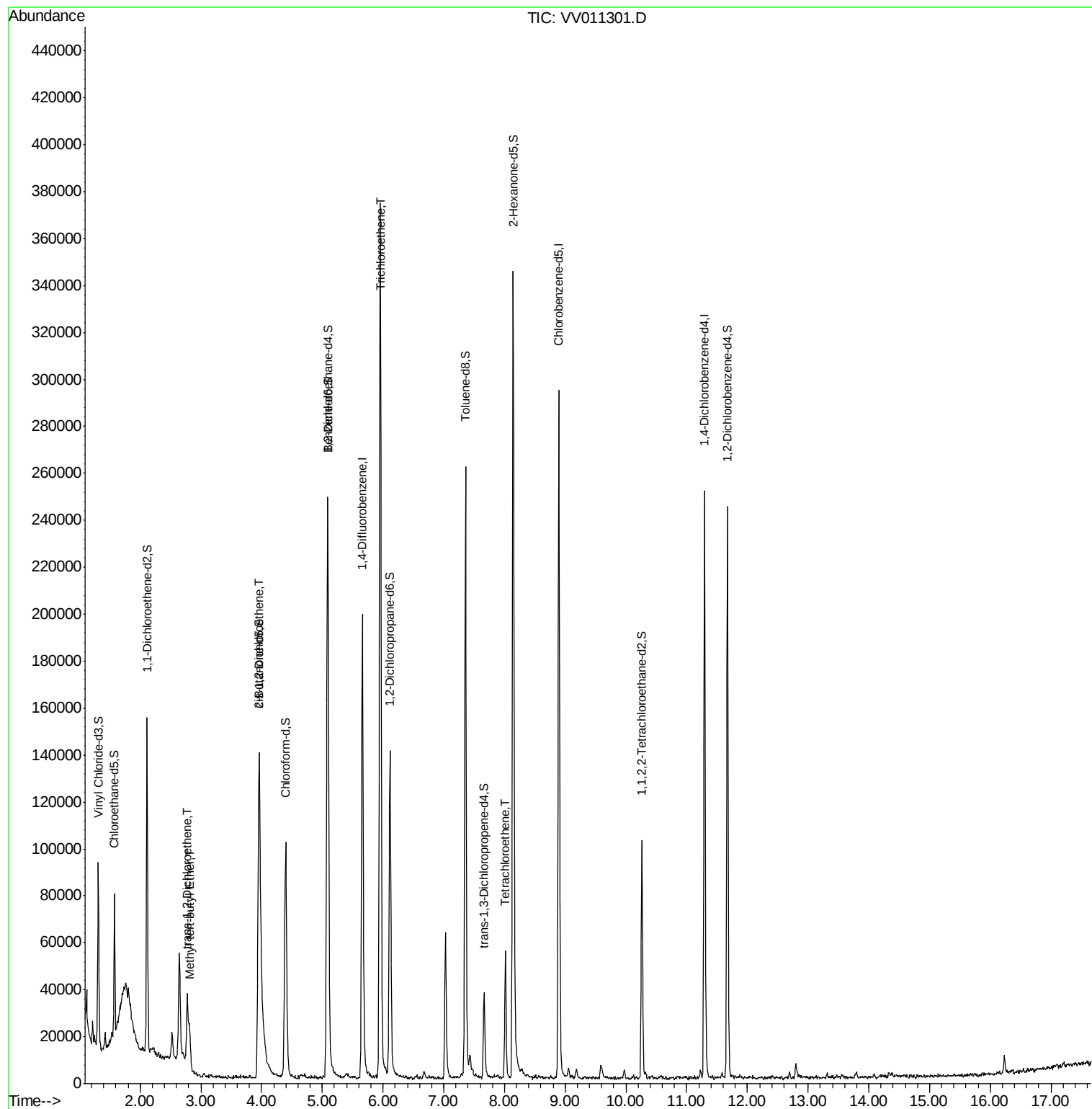
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
Data File : VV011301.D
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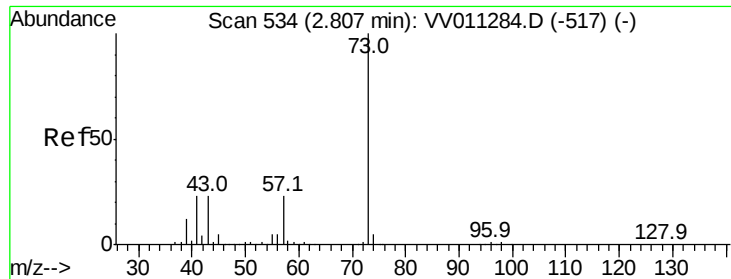
Instrument :
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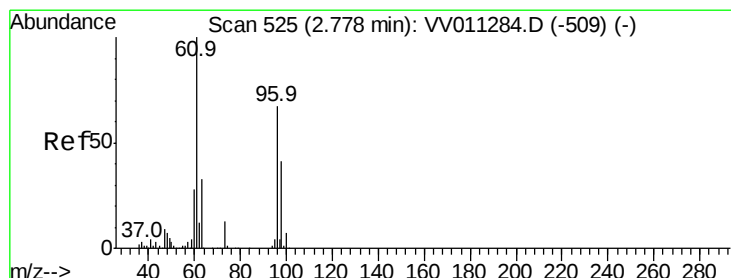
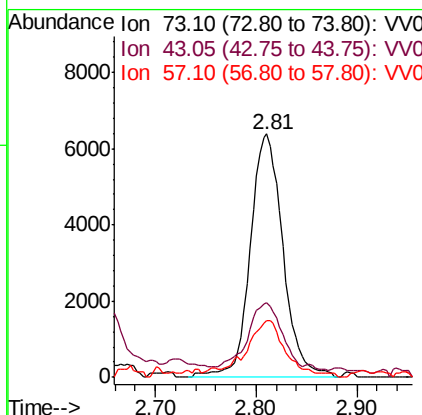
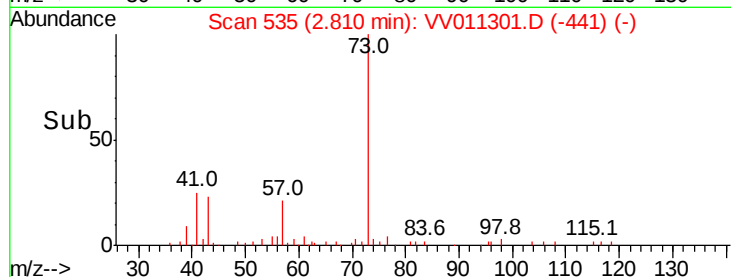
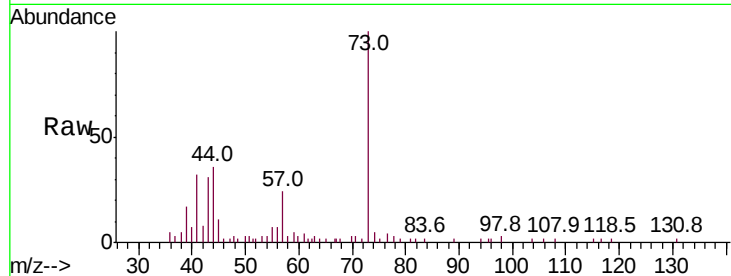
#17
Methvl tert-butvl Ether
Concen: 0.531 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV011301.D
Acq: 07 Jun 2019 21:21

Instrument :
MSVOA_V
ClientSampleId :
BFCN7DL

Tot Ion	Ratio	Lower	Upper
73	100		
43	26.0	18.7	28.1
57	27.9	18.1	27.1#

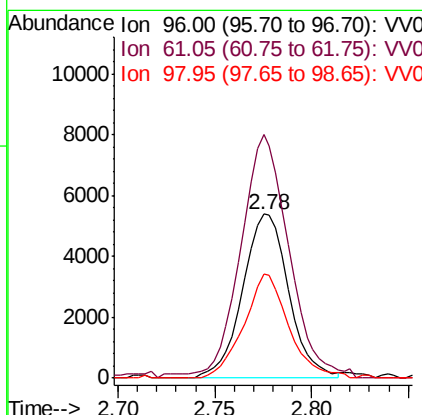
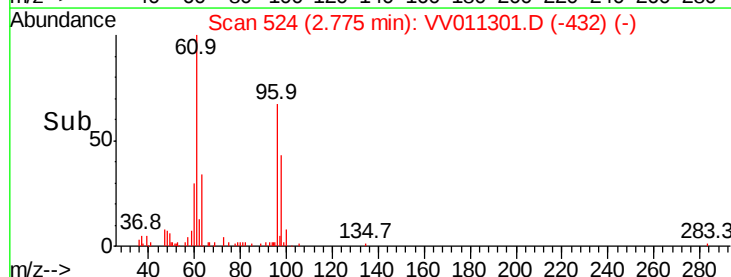
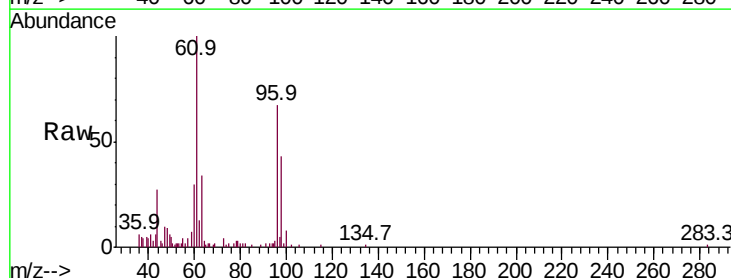
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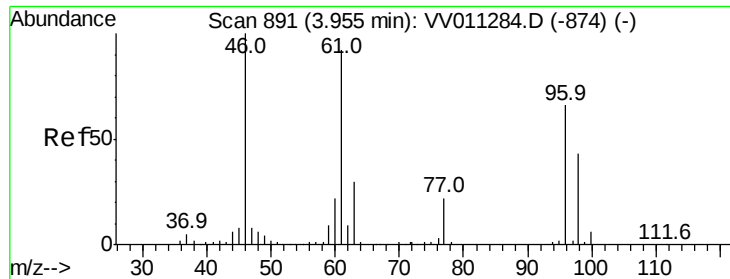
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#18
trans-1,2-Dichloroethene
Concen: 0.789 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV011301.D
Acq: 07 Jun 2019 21:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.7	104.0	193.2
98	63.8	45.7	84.9





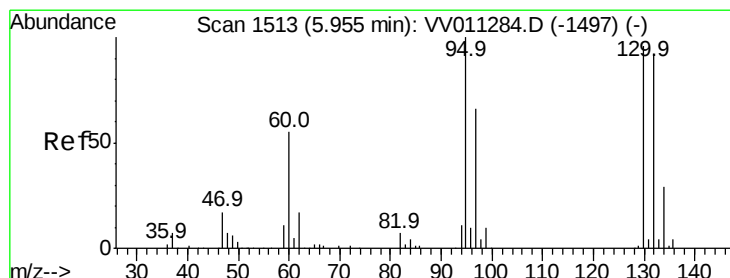
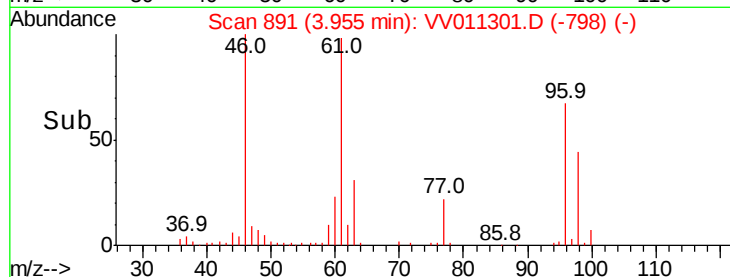
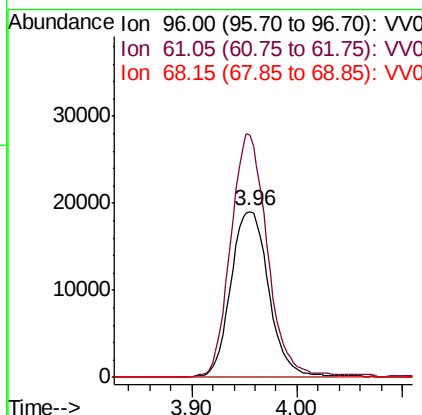
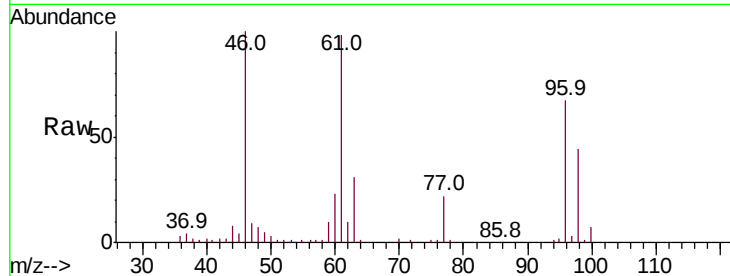
#22
 cis-1,2-Dichloroethene
 Concen: 3.796 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV011301.D
 Acq: 07 Jun 2019 21:21

Instrument :
 MSVOA_V
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Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	100.8	187.2
68	0.0	0.0	0.0

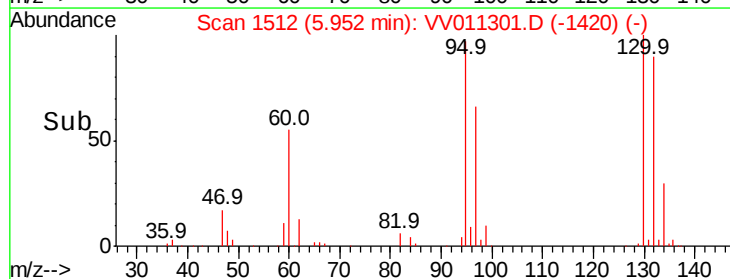
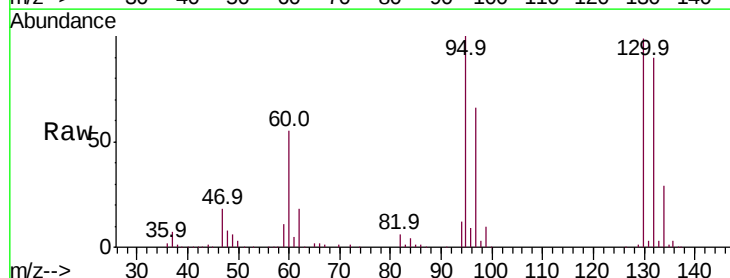
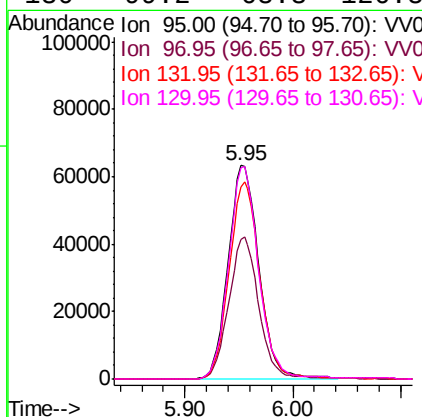
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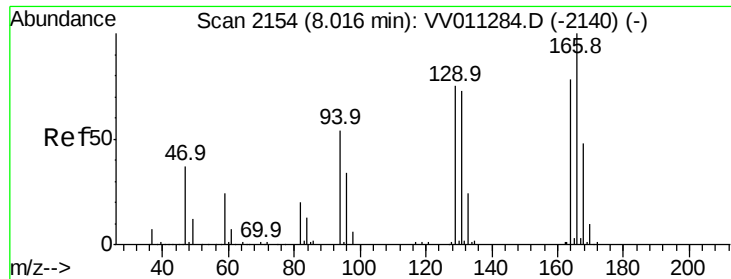
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#34
 Trichloroethene
 Concen: 10.405 ug/L
 RT: 5.95 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: VV011301.D
 Acq: 07 Jun 2019 21:21

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.8	85.2
132	89.7	66.4	123.2
130	99.2	68.3	126.8





#47
 Tetrachloroethene
 Concen: 1.188 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV011301.D
 Acq: 07 Jun 2019 21:21

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN7DL

Tot Ion	Ratio	Lower	Upper
164	100		
129	99.6	69.9	129.9
131	102.2	66.8	124.2
166	134.3	90.2	167.6

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