

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017496.D
 Acq On : 14 Jul 2020 20:26
 Operator : SY/MD
 Sample : L3281-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX4

Manual Integrations
 APPROVED

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 7/15/2020 1:01:58 PM

Quant Time: Jul 15 05:38:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134002	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128572	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63177	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37707	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	30335	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	59483	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.92	46	85486	53.45	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	4.38	84	79597	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	47329	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	143051	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	40172	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	130293	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
45) trans-1,3-Dichloropropene-	7.65	79	17886	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
48) 2-Hexanone-d5	8.11	63	57915	48.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28584	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56421	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

					Ovalue	
13) Acetone	2.20	43	6566m	5.655	ug/L	
33) Benzene	5.14	78	3888	0.114	ug/L	100
42) Toluene	7.41	91	13972	0.370	ug/L	99
54) Ethylbenzene	9.04	91	13389	0.310	ug/L	96
55) m,p-xylene	9.16	106	1421	0.087	ug/L	96

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

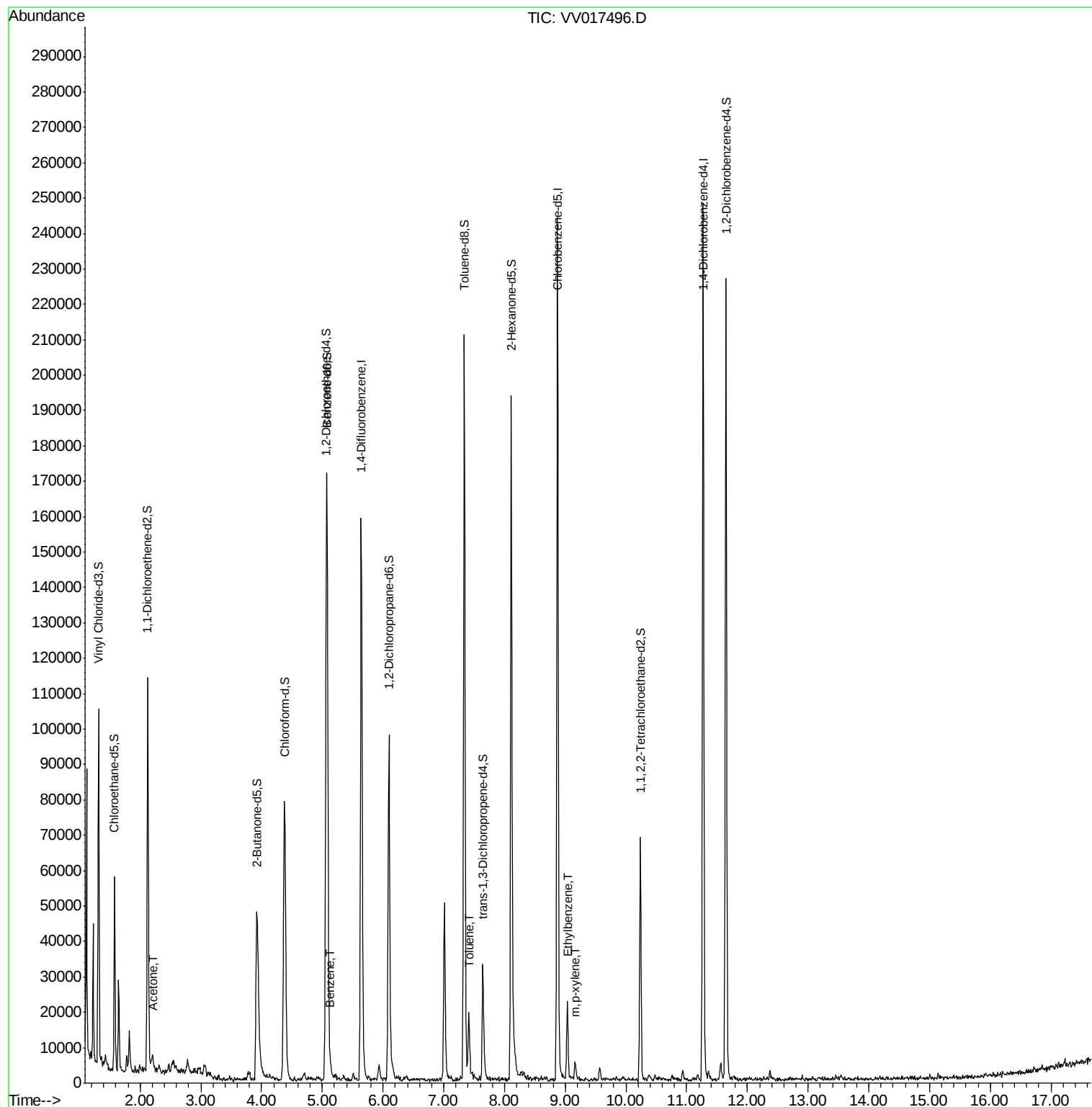
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV071420\
Data File : VV017496.D
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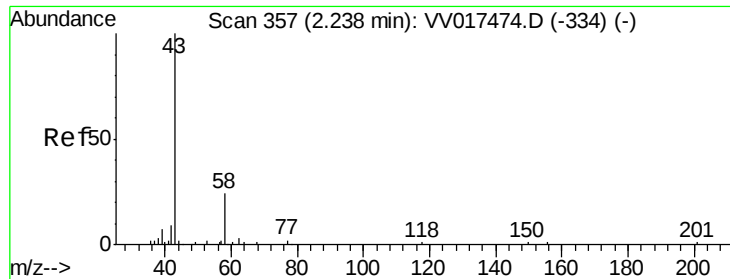
Instrument :
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Quant Time: Jul 15 05:38:52 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:49:58 2020
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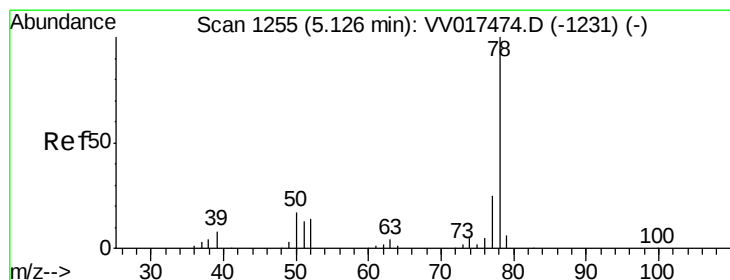
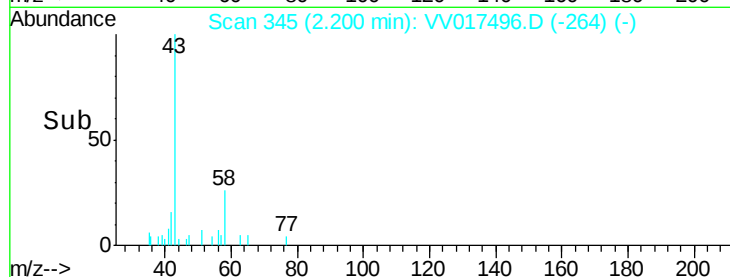
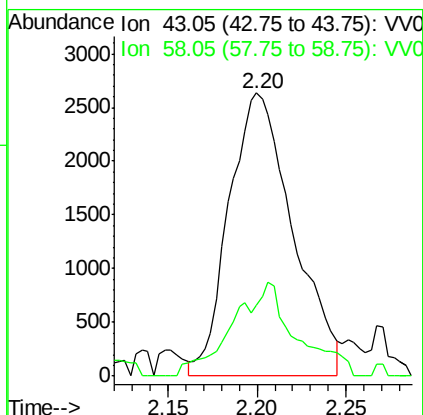
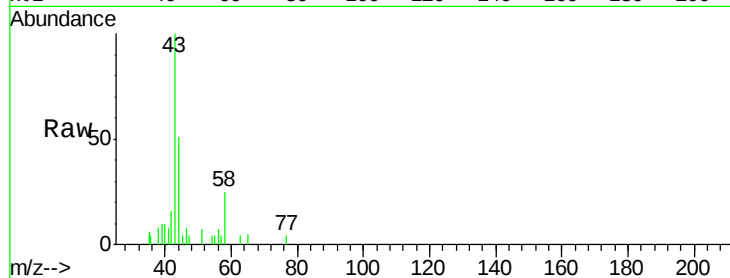
#13
Acetone
Concen: 5.655 ug/L m
RT: 2.20 min Scan# 345
Delta R.T. -0.04 min
Lab File: VV017496.D
Acq: 14 Jul 2020 20:26

Instrument :
MSVOA_V
ClientSampleId :
GAXX4

Tot Ion: 43 Resp: 6566
Ion Ratio Lower Upper
43 100
58 0.7 0.0 33.6

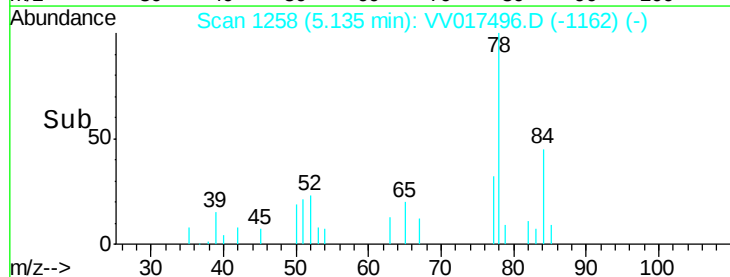
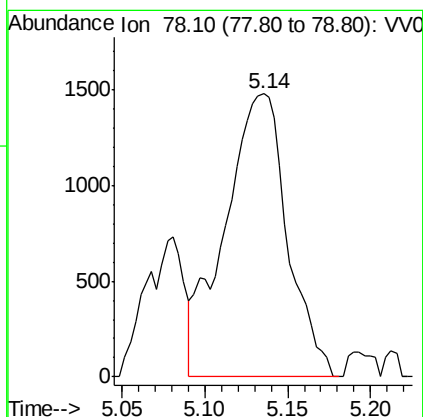
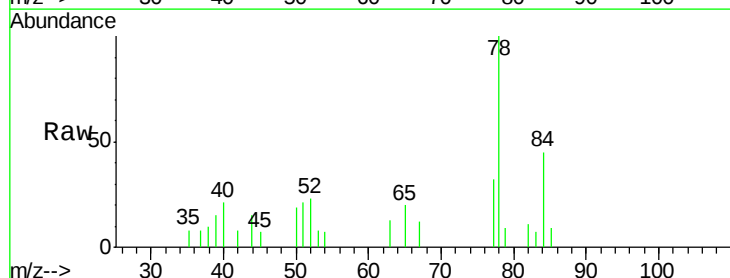
Manual Integrations
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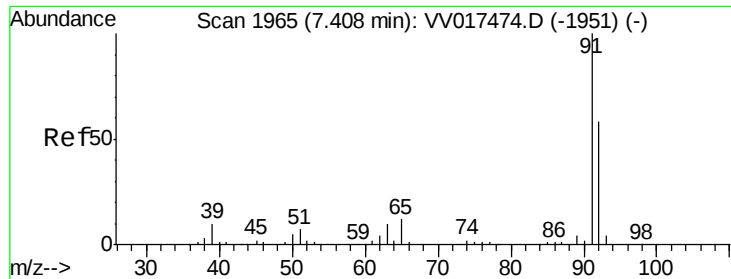
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#33
Benzene
Concen: 0.114 ug/L
RT: 5.14 min Scan# 1258
Delta R.T. 0.01 min
Lab File: VV017496.D
Acq: 14 Jul 2020 20:26

Tgt Ion: 78 Resp: 3888





#42

Toluene

Concen: 0.370 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017496.D

Acq: 14 Jul 2020 20:26

Instrument :

MSVOA_V

ClientSampled :

GAXX4

Tot Ion: 91 Resp: 13972

Ion Ratio Lower Upper

91 100

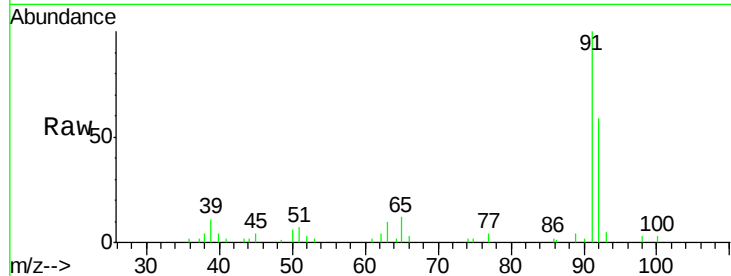
92 58.7 40.7 75.5

Manual Integrations

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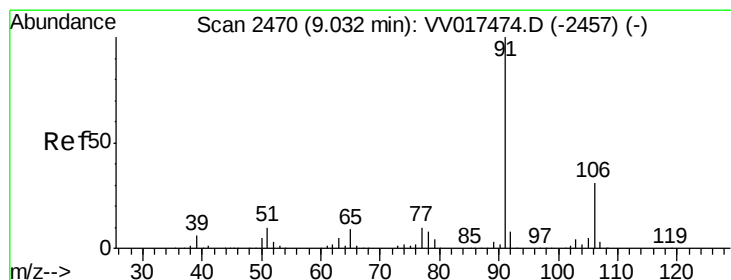
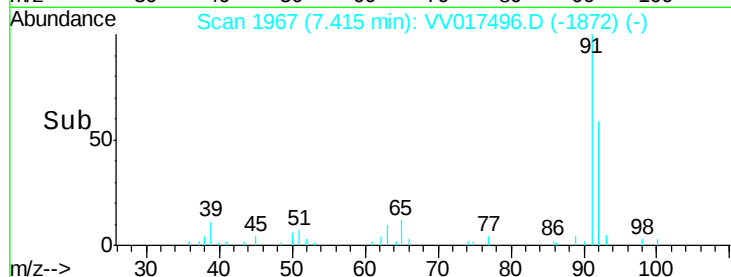
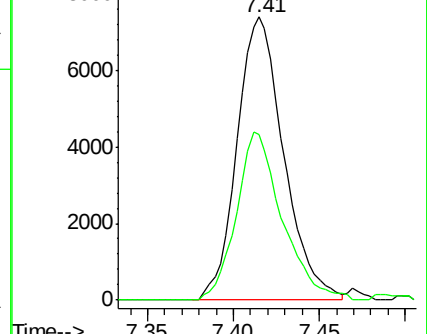
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Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#54

Ethylbenzene

Concen: 0.310 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017496.D

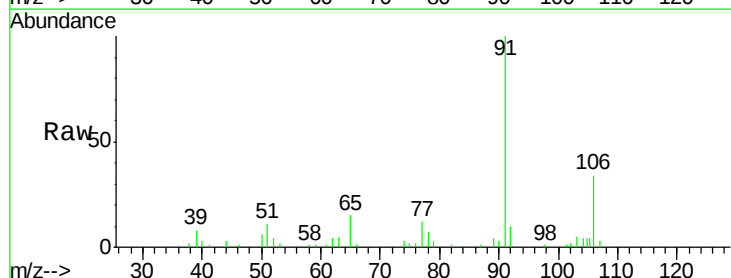
Acq: 14 Jul 2020 20:26

Tgt Ion: 91 Resp: 13389

Ion Ratio Lower Upper

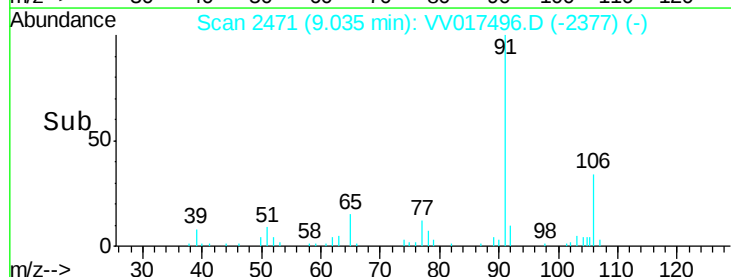
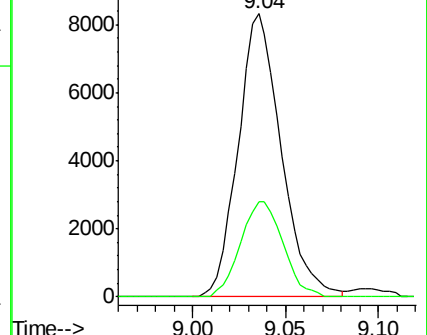
91 100

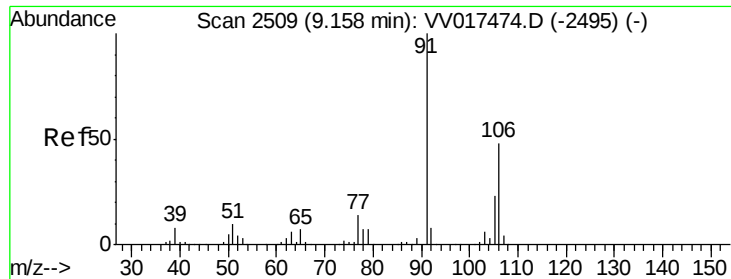
106 33.7 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#55
 m,p-xylene
 Concen: 0.087 ug/L
 RT: 9.16 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VV017496.D
 Acq: 14 Jul 2020 20:26

Instrument :
 MSVOA_V
 ClientSampled :
 GAXX4

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.6	144.2	267.8

Manual Integrations
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