

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016346.D
 Acq On : 30 May 2020 06:02
 Operator : SY/MD
 Sample : L2788-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXC1

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 10:10:36 AM

Quant Time: May 30 07:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	79787	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	73171	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	26010	5.00	ug/L	0.00

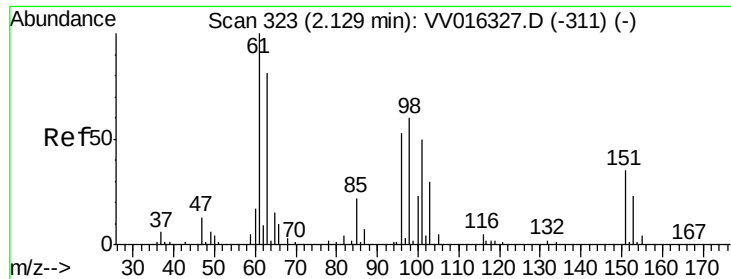
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20866	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	16606	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.12	63	31059	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.97	46	47079m	37.04	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.08%
24) Chloroform-d	4.38	84	43849	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.06	65	24165	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.07	84	85948	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.10	67	26686	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.34	98	75341	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	7.65	79	7670	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
48) 2-Hexanone-d5	8.12	63	41261	43.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	15890	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	20002	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2872	0.583 ug/L	99
19) 1,1-Dichloroethane	3.21	63	5203	0.532 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	3550	0.583 ug/L	84
25) Chloroform	4.41	83	4964	0.479 ug/L	95
30) Cyclohexane	4.70	56	1480	0.159 ug/L	99
34) Trichloroethene	5.94	95	10732	1.956 ug/L	98
49) Tetrachloroethene	8.00	164	17099	4.342 ug/L	98

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



#10

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

Concen: 0.583 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

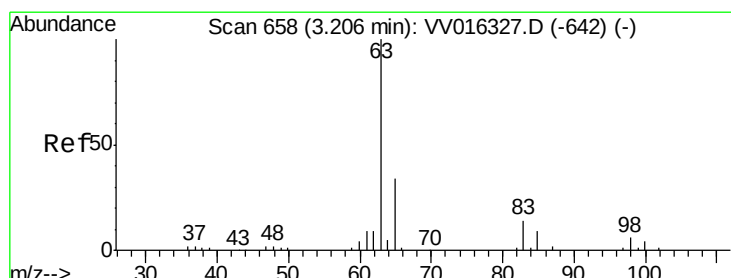
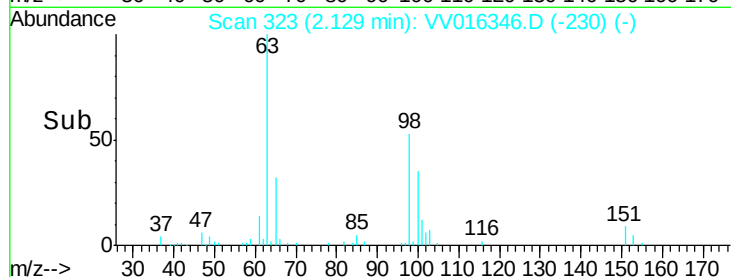
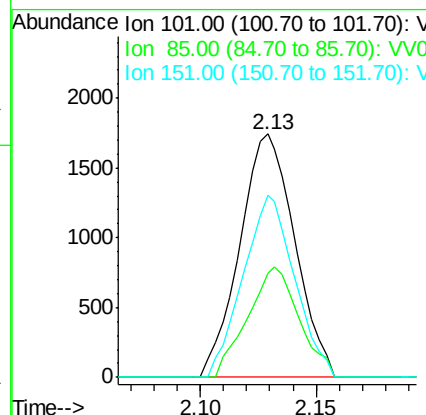
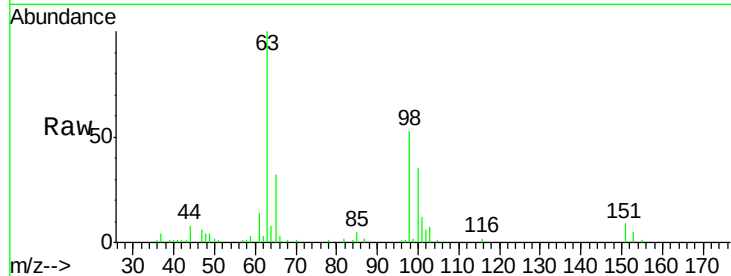
ClientSampleId :

BFXC1

Tot Ion:	101	Resp:	2872
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.0	52.6
151	69.9	56.3	84.5

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#19

1,1-Dichloroethane

Concen: 0.532 ug/L

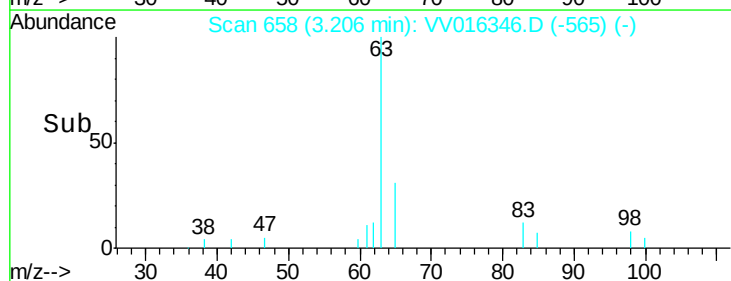
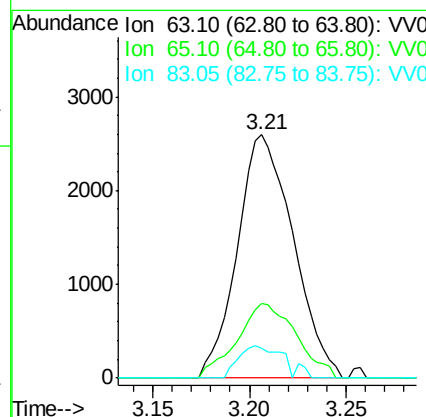
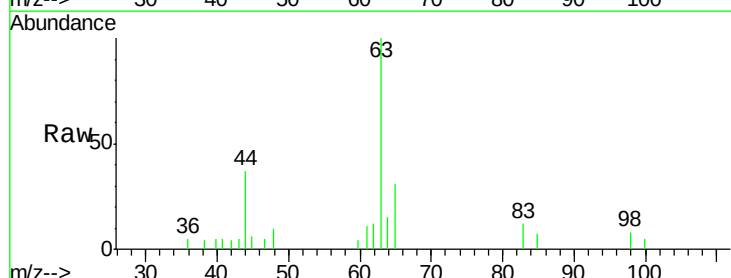
RT: 3.21 min Scan# 658

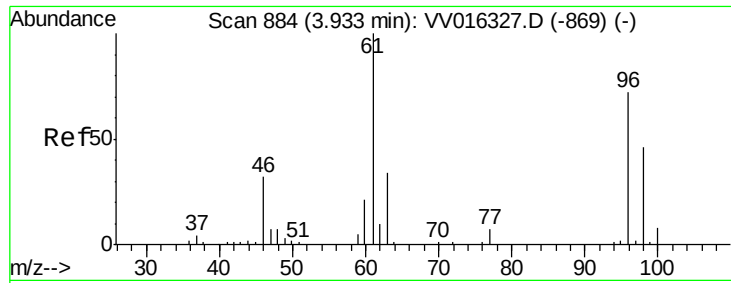
Delta R.T. -0.00 min

Lab File: VV016346.D

Acq: 30 May 2020 06:02

Tgt Ion:	63	Resp:	5203
Ion Ratio	Lower	Upper	
63	100		
65	30.7	22.3	41.5
83	12.2	9.4	17.4





#22

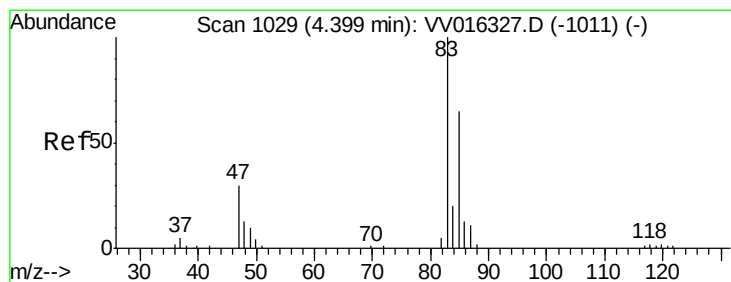
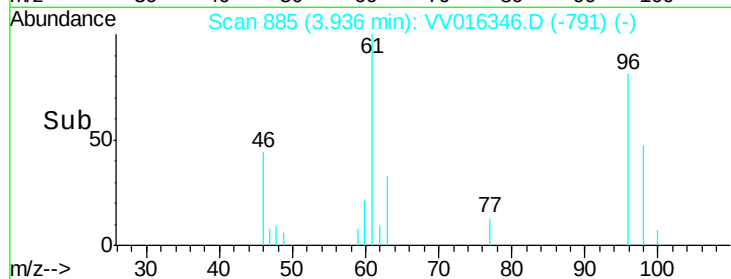
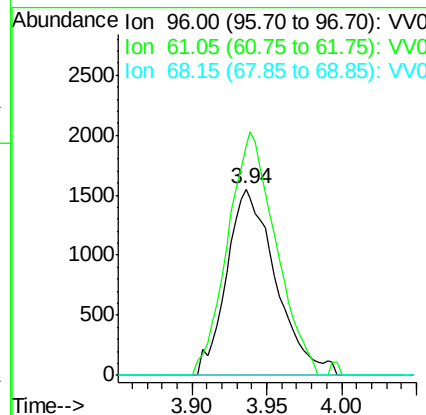
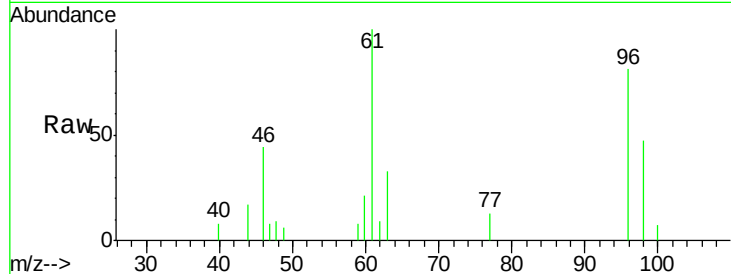
cis-1,2-Dichloroethene
Concen: 0.583 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV016346.D
Acq: 30 May 2020 06:02

Instrument :
MSVOA_V
ClientSampled :
BFXC1

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.0	99.7	185.1
68	0.0	0.0	0.0

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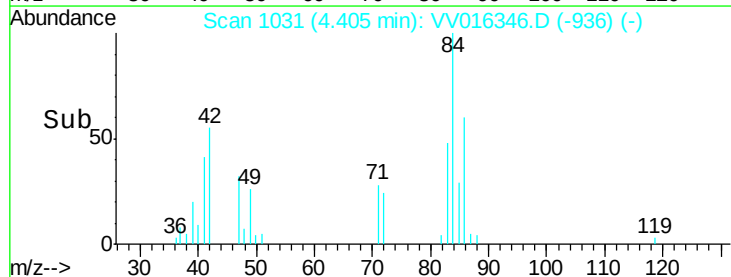
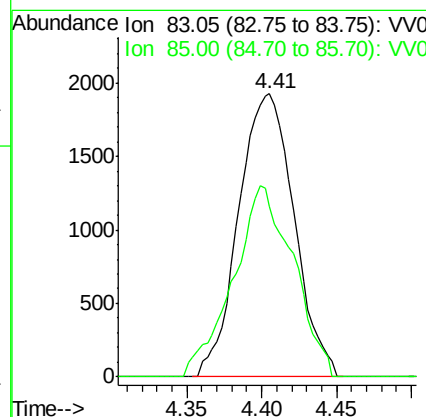
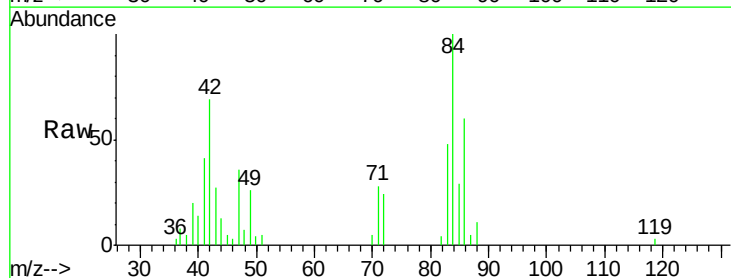
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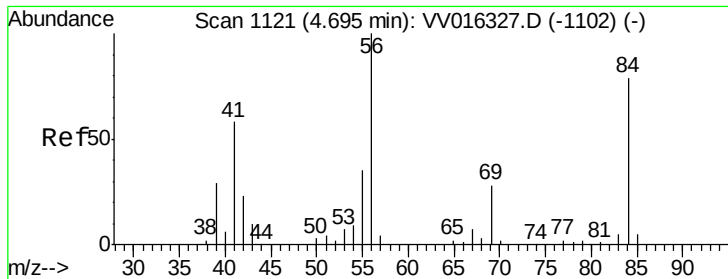


#25

Chloroform
Concen: 0.479 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016346.D
Acq: 30 May 2020 06:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	45.1	83.7





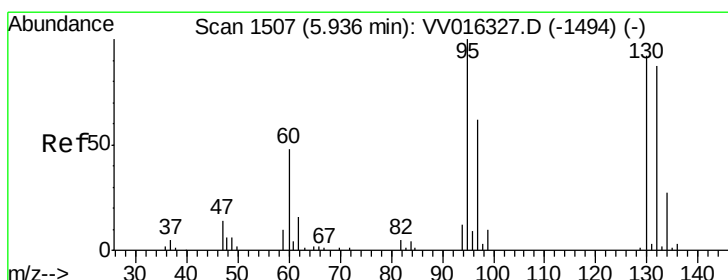
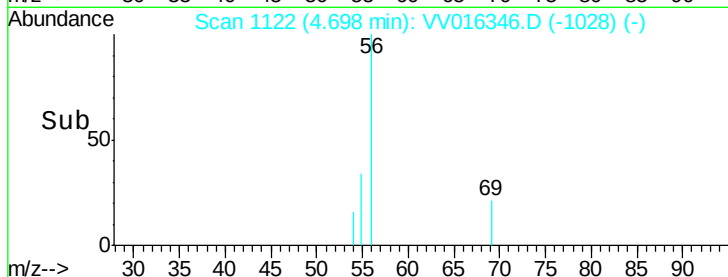
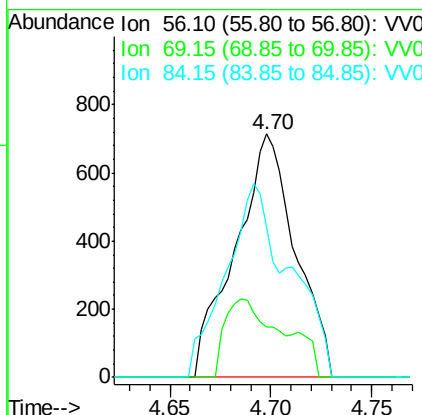
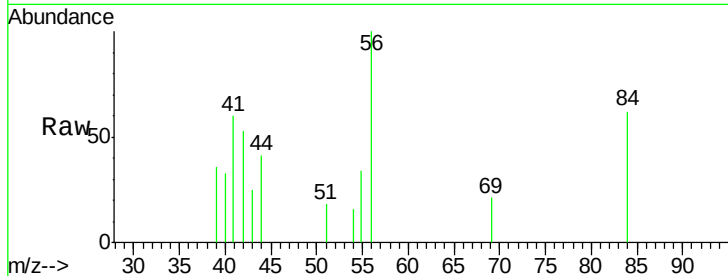
#30
Cyclohexane
Concen: 0.159 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VV016346.D
Acq: 30 May 2020 06:02

Instrument :
MSVOA_V
ClientSampleId :
BFXC1

Tot Ion	56	Resp	1480
Ion Ratio	Lower	Upper	
56	100		
69	31.2	24.6	36.8
84	84.5	67.1	100.7

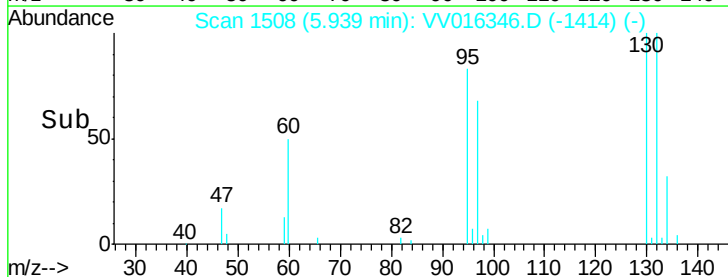
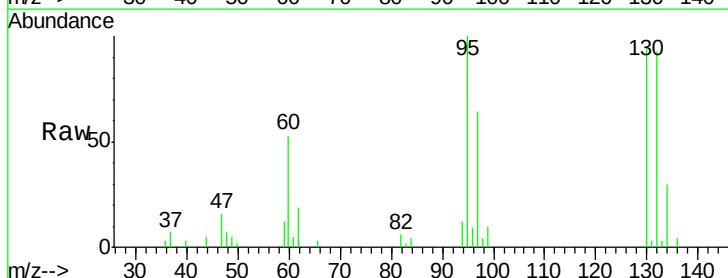
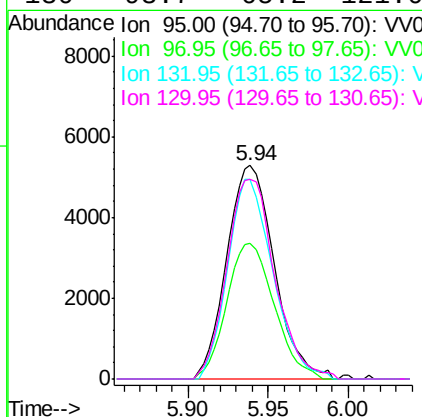
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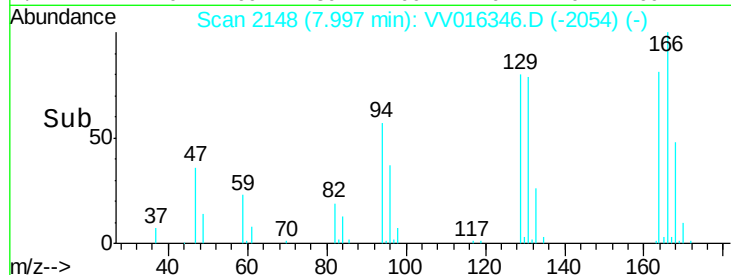
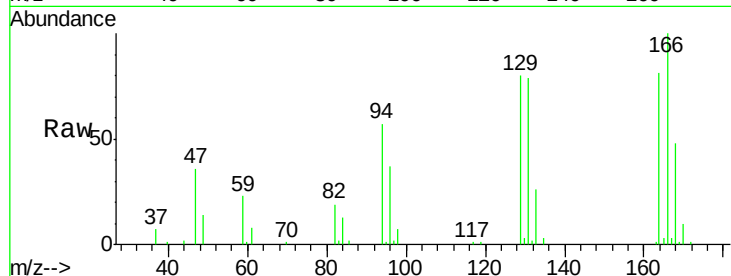
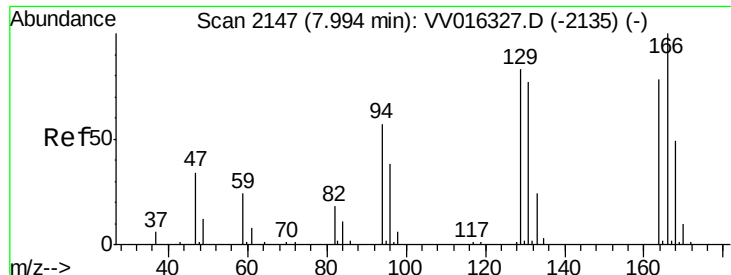
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6/1/2020 10:10:36 AM



#34
Trichloroethene
Concen: 1.956 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016346.D
Acq: 30 May 2020 06:02

Tgt Ion	95	Resp	10732
Ion Ratio	Lower	Upper	
95	100		
97	63.8	43.6	81.0
132	93.4	63.9	118.7
130	93.7	65.2	121.0





#49

Tetrachloroethene

Concen: 4.342 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016346.D

Acq: 30 May 2020 06:02

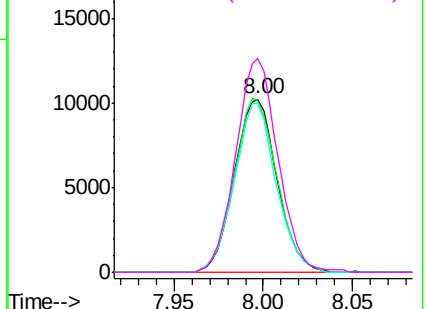
Tot Ion	Ratio	Lower	Upper
164	100		
129	99.2	70.7	131.3
131	98.0	66.6	123.8
166	123.4	86.9	161.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Instrument :
MSVOA_V
ClientSampleId :
BFXC1

Manual Integrations
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6/1/2020 10:10:36 AM