

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110518\
 Data File : VR026181.D
 Acq On : 5 Nov 2018 15:47
 Operator : SY/MD
 Sample : J5802-14
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0BE0

Quant Time: Nov 06 03:48:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 06 03:06:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	552256	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	462022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	142415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	213798	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	2.62	69	200478	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	3.61	63	622352	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.80%
20) 2-Butanone-d5	6.59	46	186521	47.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.02%
24) Chloroform-d	7.20	84	360098	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	7.89	65	150135	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	7.85	84	726062	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	8.89	67	196047	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	9.97	98	677155	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	10.23	79	45649	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	10.59	63	147806	50.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72305	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	120603	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

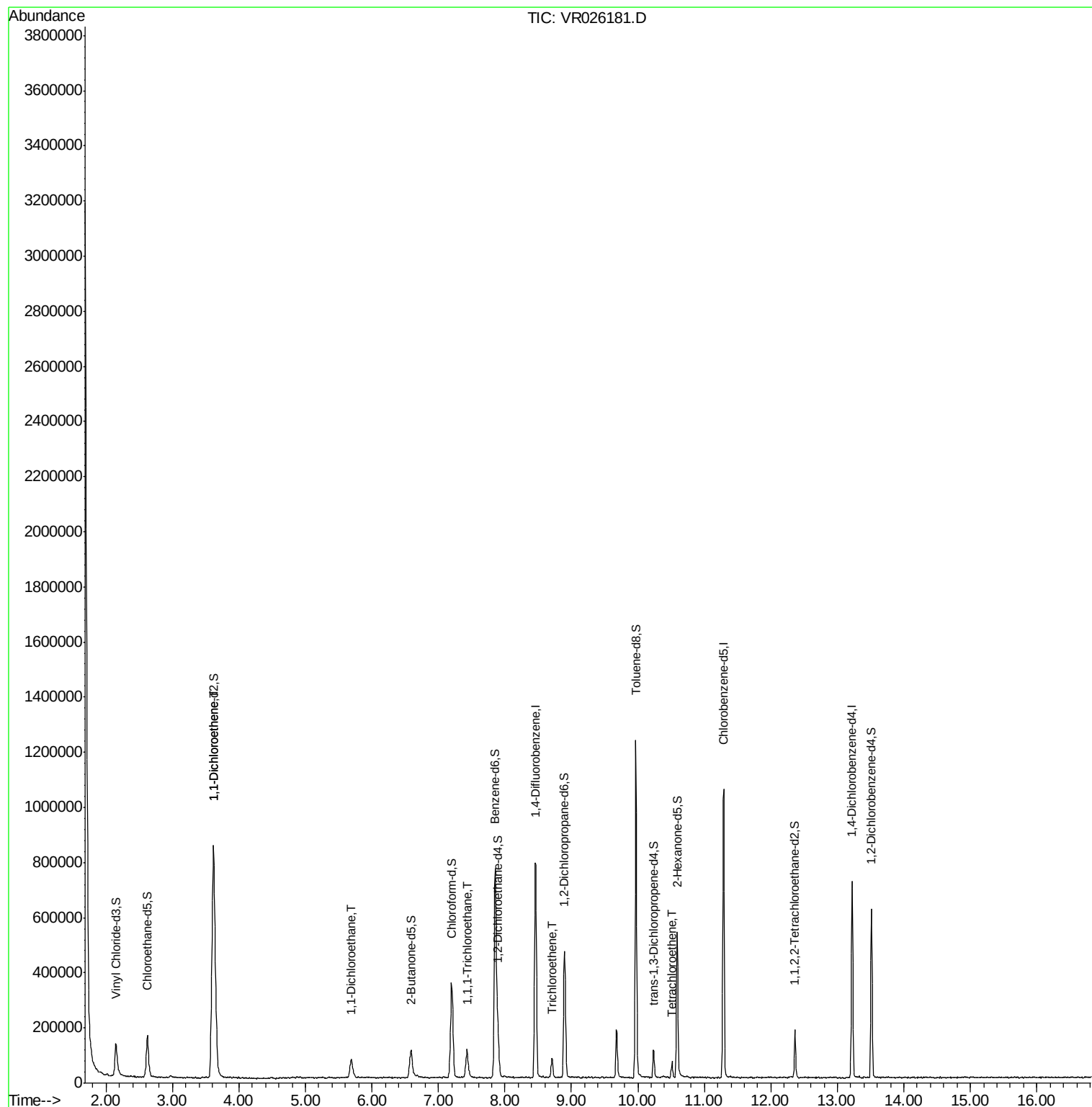
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.62	96	357477	6.657	ug/L	82
19) 1,1-Dichloroethane	5.69	63	96878	1.271	ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	79735	1.263	ug/L	97
34) Trichloroethene	8.71	95	21809	0.491	ug/L	93
47) Tetrachloroethene	10.51	164	10827	0.342	ug/L	82

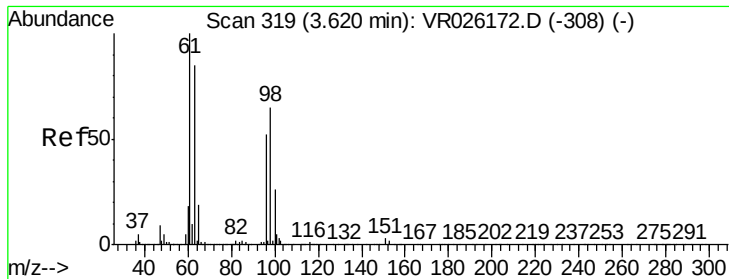
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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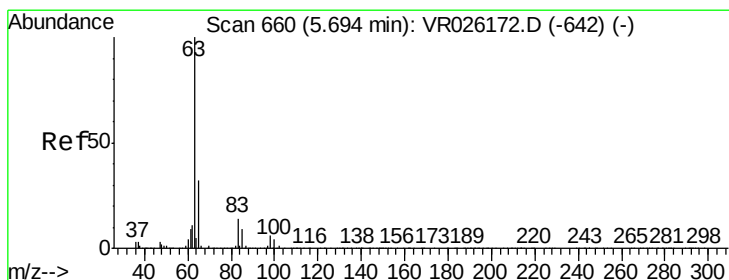
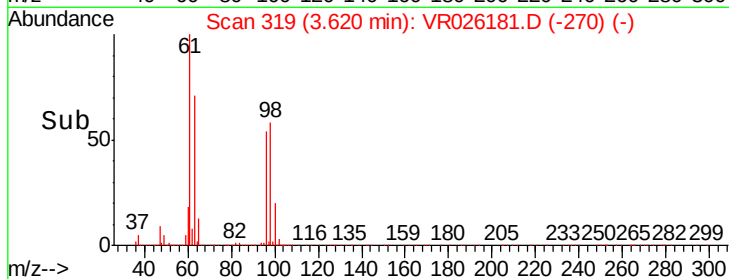
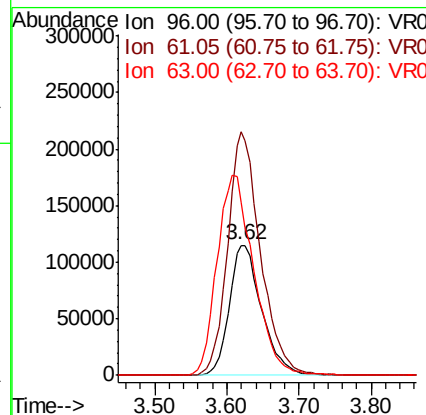
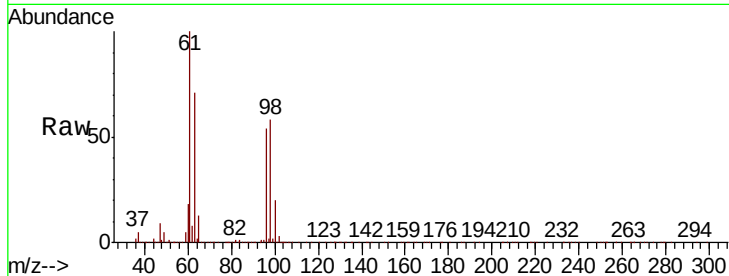




#12
 1,1-Dichloroethene
 Concen: 6.657 ug/L
 RT: 3.62 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VR026181.D
 Acq: 5 Nov 2018 15:47

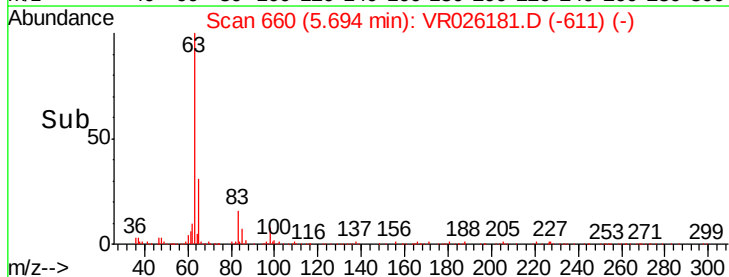
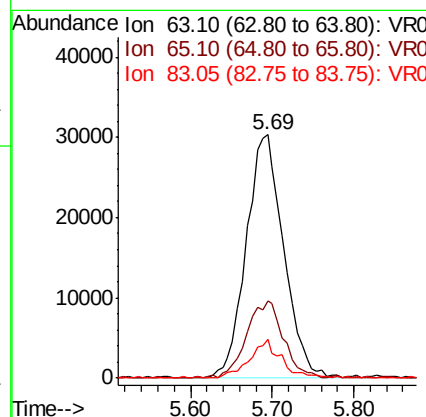
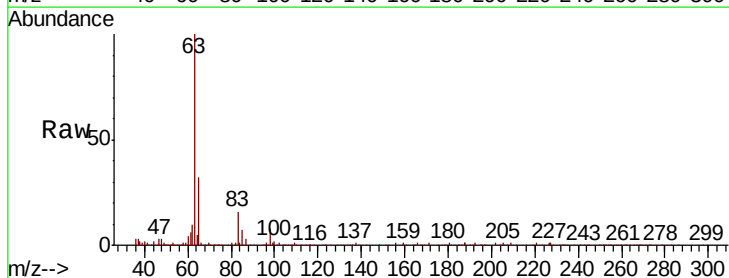
Instrument :
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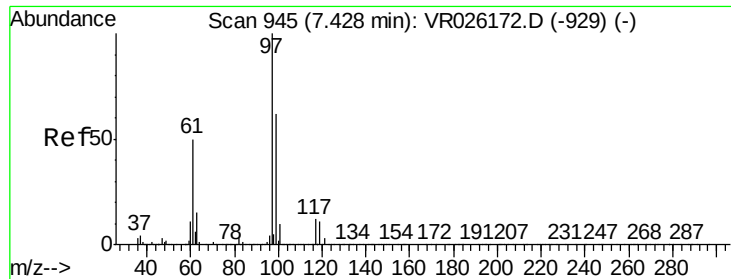
Tot Ion	96	Resp	357477
Ion Ratio	Lower	Upper	
96	100		
61	186.9	126.7	235.3
63	132.6	125.0	232.2



#19
 1,1-Dichloroethane
 Concen: 1.271 ug/L
 RT: 5.69 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: VR026181.D
 Acq: 5 Nov 2018 15:47

Tgt Ion	63	Resp	96878
Ion Ratio	Lower	Upper	
63	100		
65	31.5	21.2	39.4
83	16.1	9.2	17.2

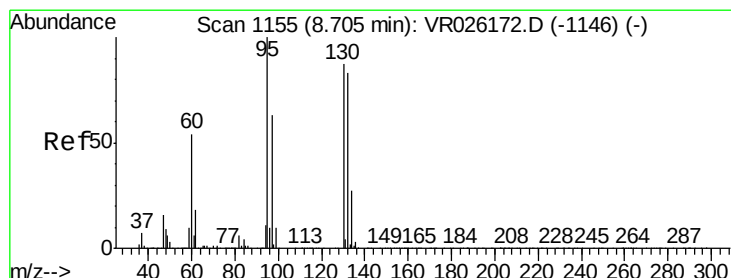
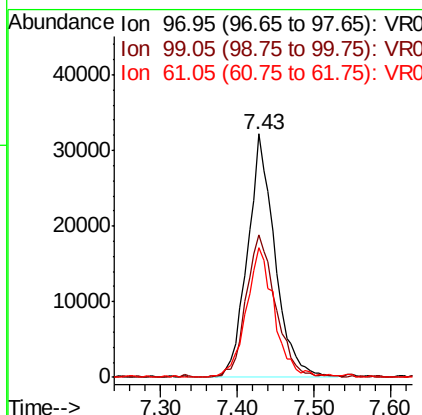
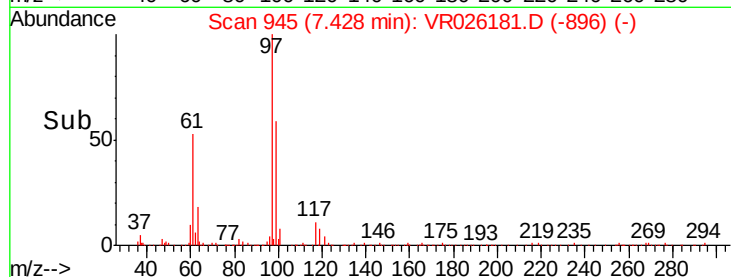
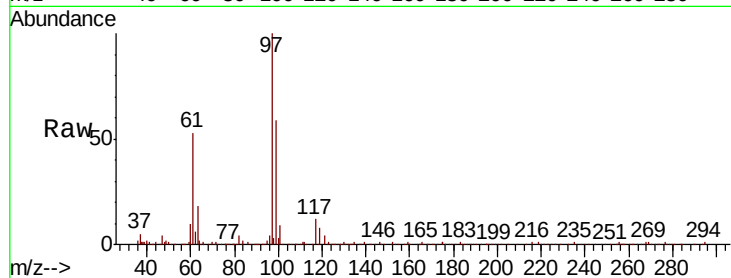




#29
1,1,1-Trichloroethane
Concen: 1.263 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.00 min
Lab File: VR026181.D
Acq: 5 Nov 2018 15:47

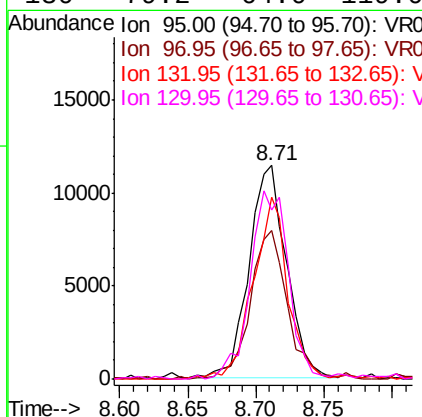
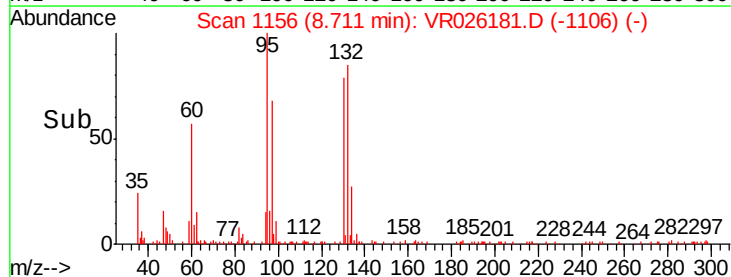
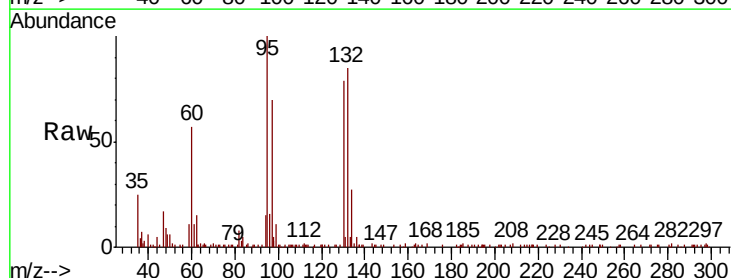
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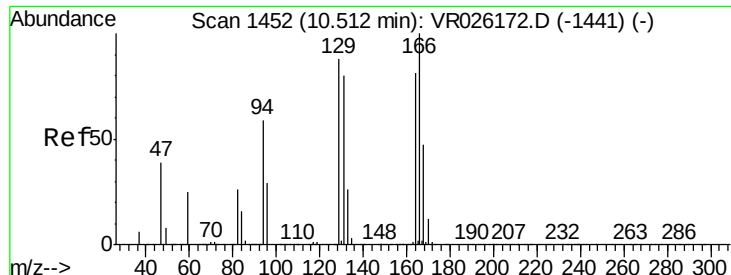
Tot Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.1	76.7
61	54.9	42.1	63.1



#34
Trichloroethene
Concen: 0.491 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VR026181.D
Acq: 5 Nov 2018 15:47

Tgt Ion	Ratio	Lower	Upper
95	100		
97	69.5	45.7	84.9
132	85.4	58.3	108.3
130	79.2	64.0	119.0





#47

Tetrachloroethene

Concen: 0.342 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026181.D

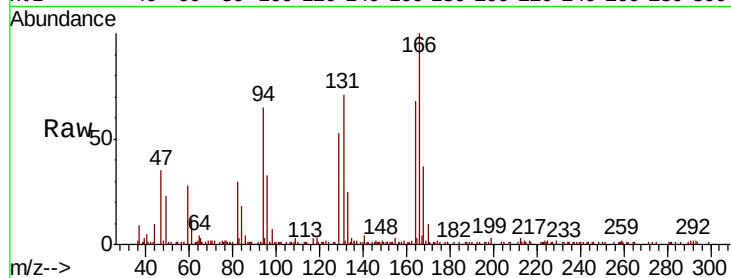
Acq: 5 Nov 2018 15:47

Instrument :

MSVOA_R

ClientSampleId :

C0BE0



Tot Ion:	164	Resp:	10827
Ion	Ratio	Lower	Upper
164	100		
129	78.0	70.3	130.5
131	104.2	67.3	125.1
166	147.4	86.1	159.9

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

