

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009751.D
 Acq On : 06 Apr 2019 02:30
 Operator : SY/VA
 Sample : K2277-11
 Misc : 4.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF174

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:51 AM

Quant Time: Apr 06 06:47:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	480395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	461360	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197895	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149728	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.28%
7) Chloroethane-d5	2.89	69	139432	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
10) 1,1-Dichloroethene-d2	4.01	63	257995	19.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.32%
20) 2-Butanone-d5	7.08	46	101663	49.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.62%
24) Chloroform-d	7.64	84	341232	26.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.12%
26) 1,2-Dichloroethane-d4	8.31	65	213533	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.12%
29) Benzene-d6	8.27	84	651773	26.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.64%
33) 1,2-Dichloropropane-d6	9.27	67	197790	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.76%
37) Toluene-d8	10.32	98	585410	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.56%
38) trans-1,3-Dichloropropene-	10.58	79	85381	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.72%
39) 2-Hexanone-d5	10.93	63	80194	56.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	174748	25.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	200782	28.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	6380	2.917 ug/L	61
16) Methylene chloride	4.91	84	9070m	1.071 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	130051	18.324 ug/L	99
35) Trichloroethene	9.09	95	756756	104.174 ug/L	100
47) Tetrachloroethene	10.86	164	685160	119.755 ug/L	98

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

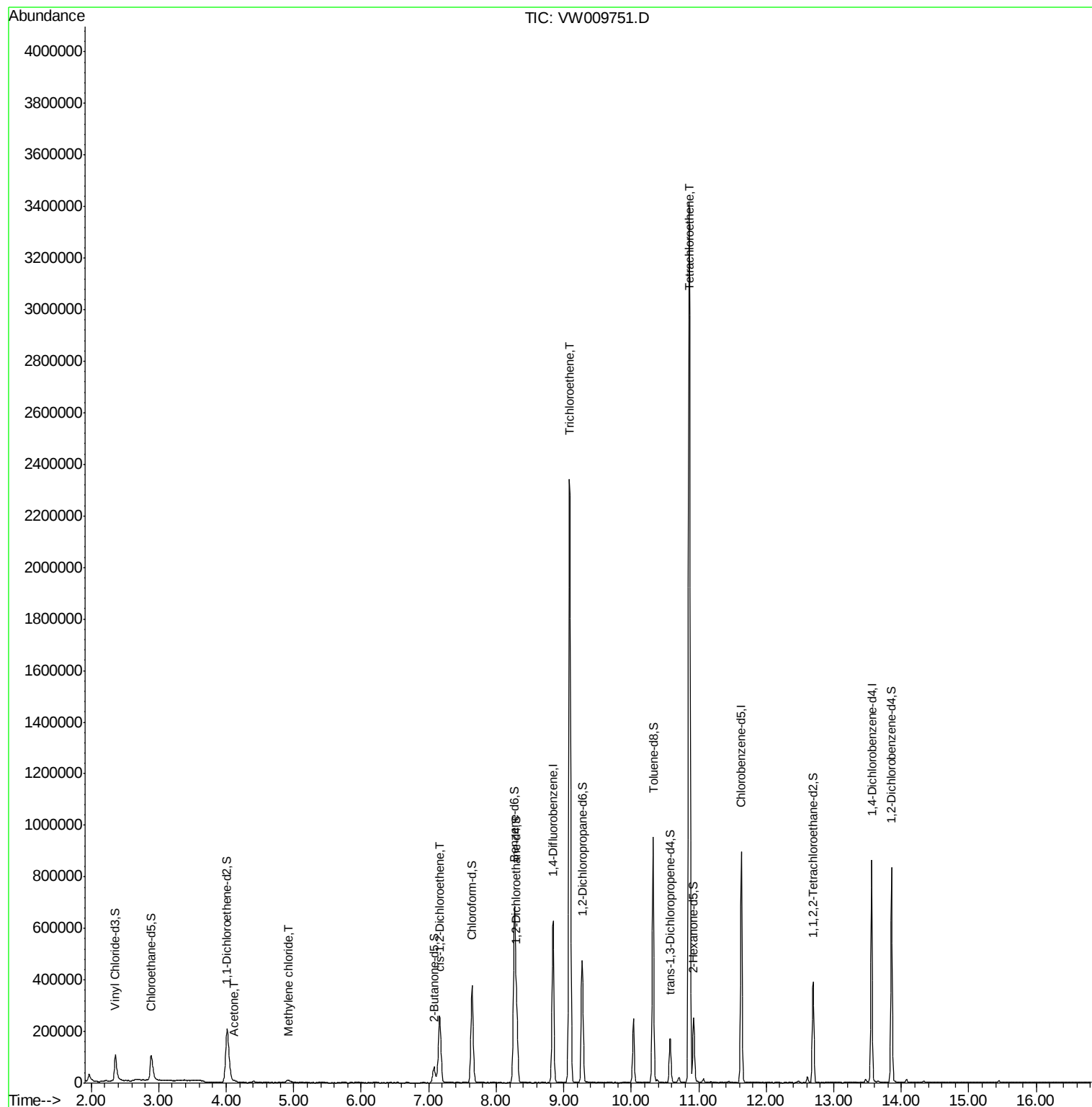
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
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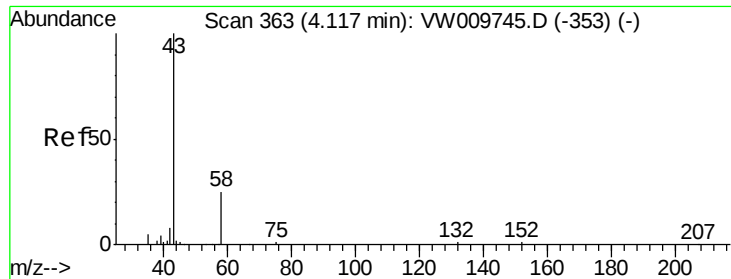
Instrument :
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QLast Update : Sat Apr 06 05:36:42 2019
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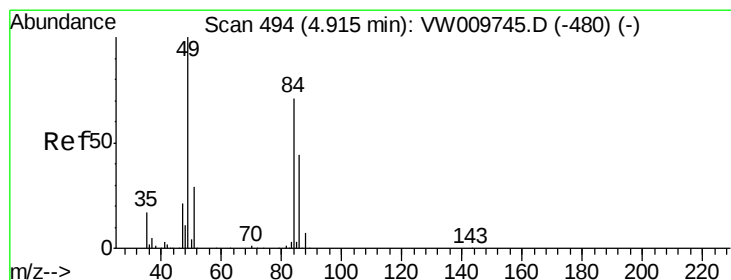
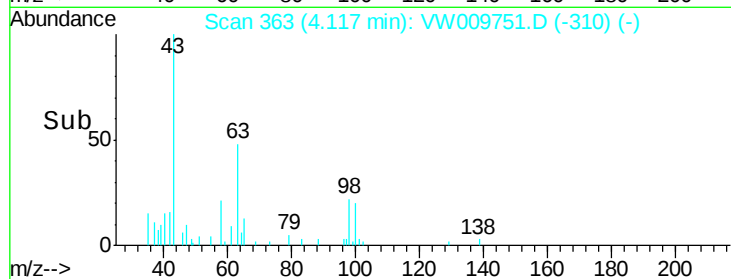
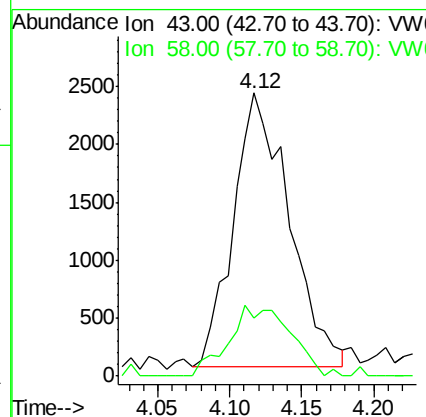
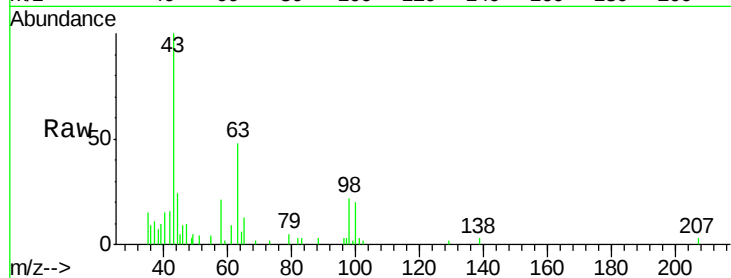
#13
Acetone
Concen: 2.917 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009751.D
Acq: 06 Apr 2019 02:30

Instrument :
MSVOA_W
ClientSampleId :
BF174

Tot Ion	Ratio	Resp	Lower	Upper
43	100	6380		
58	6.4	0.0	53.0	

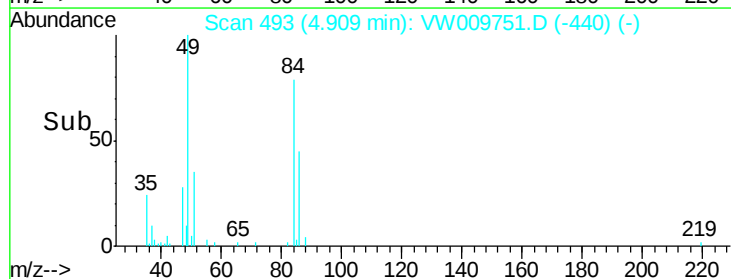
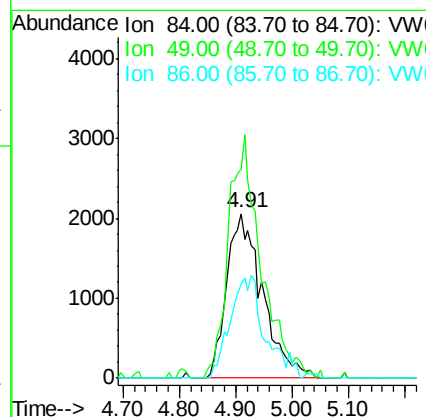
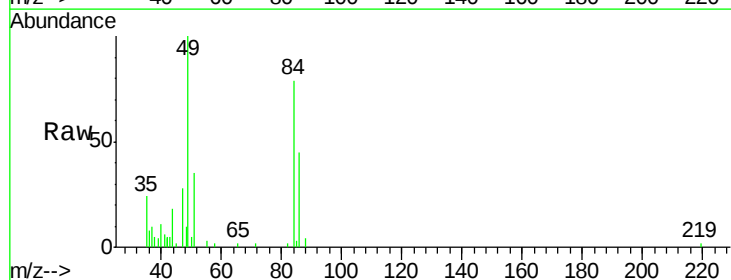
Manual Integrations
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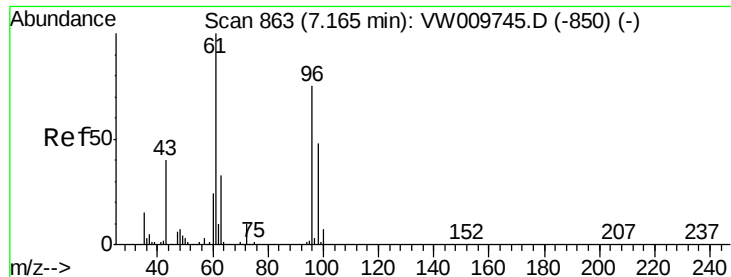
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#16
Methylene chloride
Concen: 1.071 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009751.D
Acq: 06 Apr 2019 02:30

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	9070		
49	126.9	98.3	182.5	
86	57.1	46.4	86.2	





#22

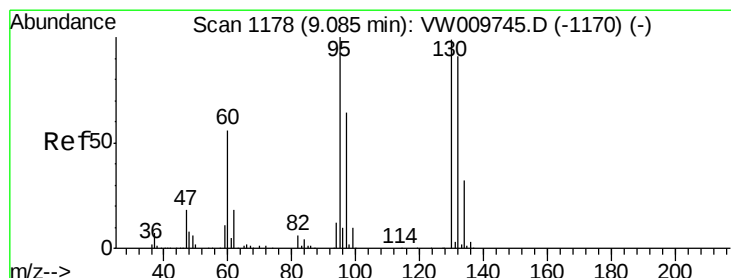
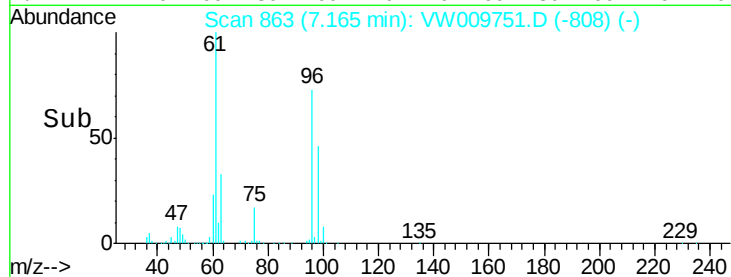
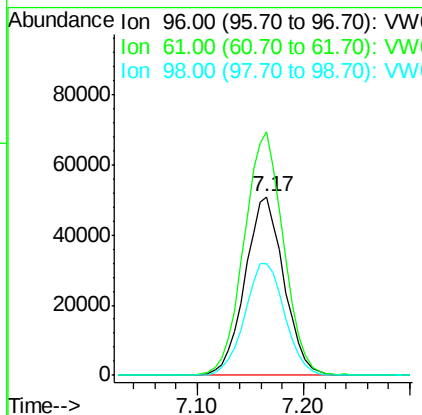
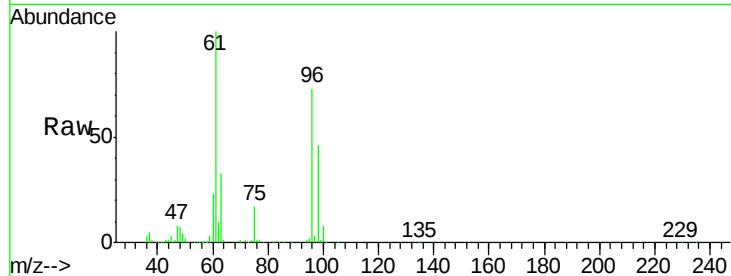
cis-1,2-Dichloroethene
Concen: 18.324 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009751.D
Acq: 06 Apr 2019 02:30

Instrument :
MSVOA_W
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		130051		
61	136.4	96.8	179.8		
98	62.5	43.5	80.9		

Manual Integrations
APPROVED

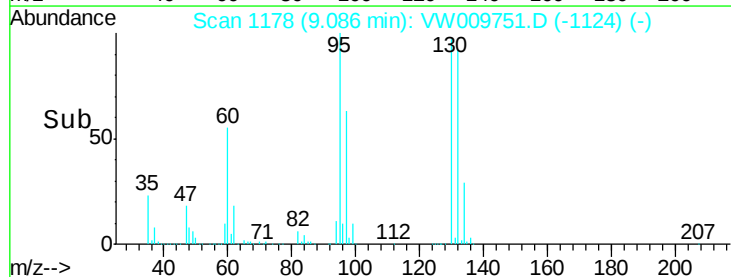
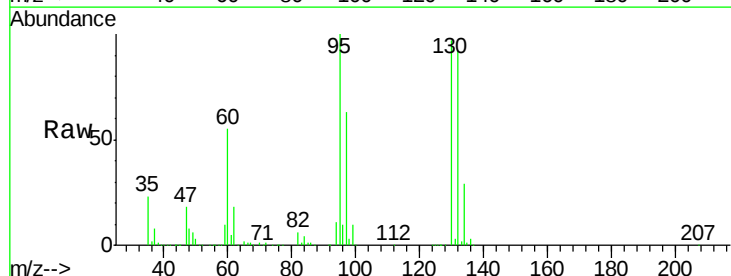
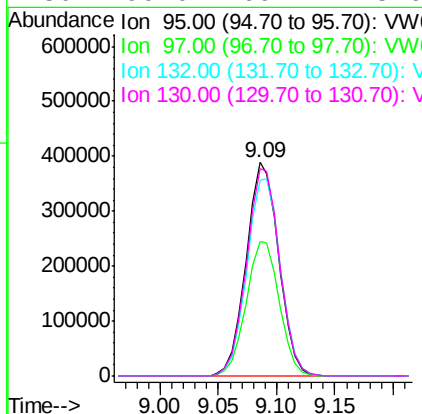
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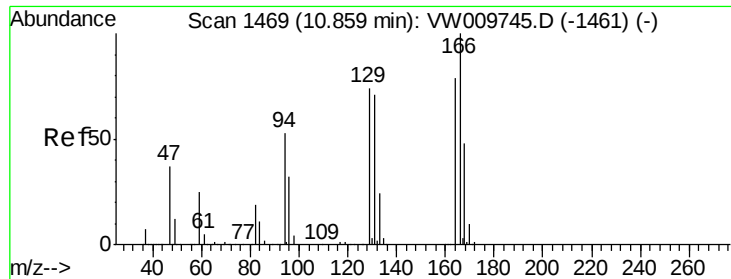


#35

Trichloroethene
Concen: 104.174 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009751.D
Acq: 06 Apr 2019 02:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		756756		
97	64.3	44.9	83.5		
132	95.2	67.1	124.7		
130	99.0	69.2	128.6		





#47

Tetrachloroethene

Concen: 119.755 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009751.D

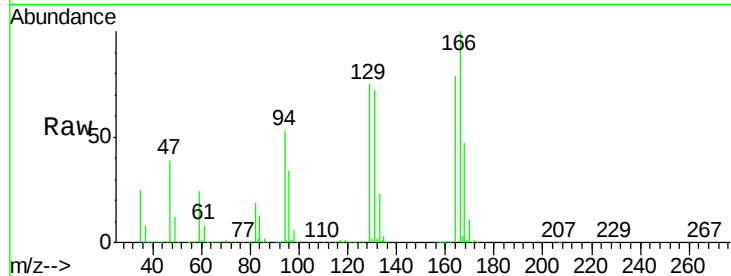
Acq: 06 Apr 2019 02:30

Instrument :

MSVOA_W

ClientSampleId :

BF174



Tot Ion:164 Resp: 685160

Ion Ratio Lower Upper

164 100

129 95.0 68.9 127.9

131 91.1 63.1 117.1

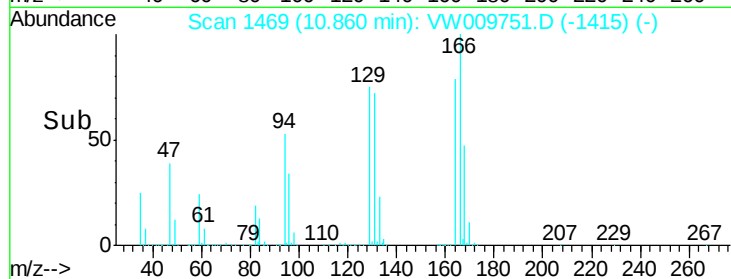
166 126.0 88.5 164.4

Manual Integrations

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

