

Data File : VW009938.D
Acq On : 12 Apr 2019 03:28
Operator : SY/VA
Sample : K2328-09
Misc : 4.46G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB724

Quant Time: Apr 12 04:41:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:36:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	173320	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	172616	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61721	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	43070	18.99	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
7) Chloroethane-d5	2.89	69	40374	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
10) 1,1-Dichloroethene-d2	4.00	63	79294	16.26	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.04%
20) 2-Butanone-d5	7.09	46	31380	42.61	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.22%
24) Chloroform-d	7.65	84	130392	27.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.28%
26) 1,2-Dichloroethane-d4	8.31	65	84024	28.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.76%
29) Benzene-d6	8.27	84	218597	24.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.48%
33) 1,2-Dichloropropane-d6	9.27	67	77842	27.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.24%
37) Toluene-d8	10.32	98	176486	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.24%
38) trans-1,3-Dichloropropene-	10.58	79	27464	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	10.93	63	24080	45.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68710	26.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	63019	29.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.40%

Target Compounds

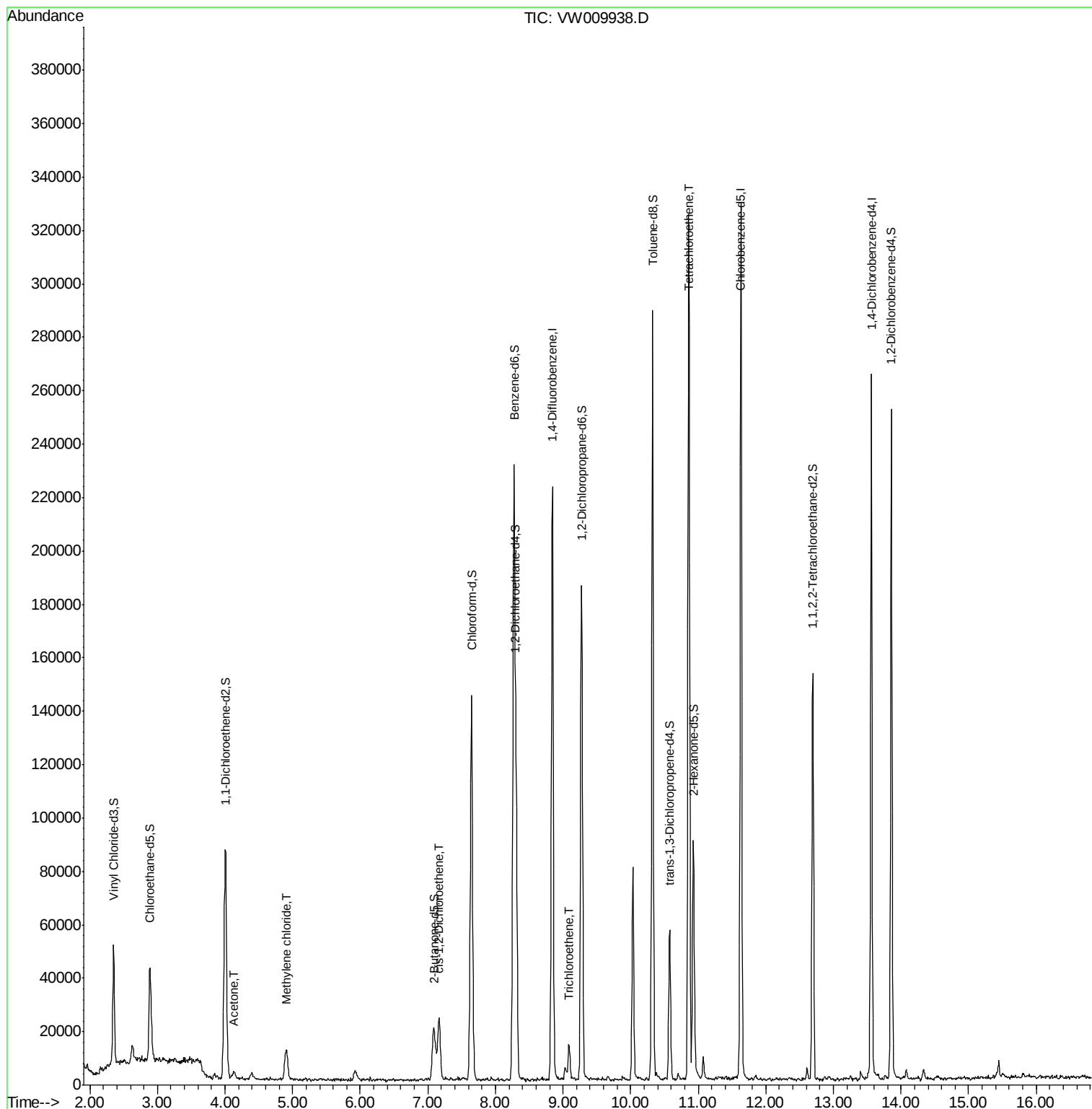
					Qvalue
13) Acetone	4.13	43	2235	2.833 ug/L	99
16) Methylene chloride	4.91	84	7304	2.389 ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	11115	4.341 ug/L	98
35) Trichloroethene	9.09	95	3825	1.407 ug/L	96
47) Tetrachloroethene	10.86	164	64719	30.234 ug/L	99

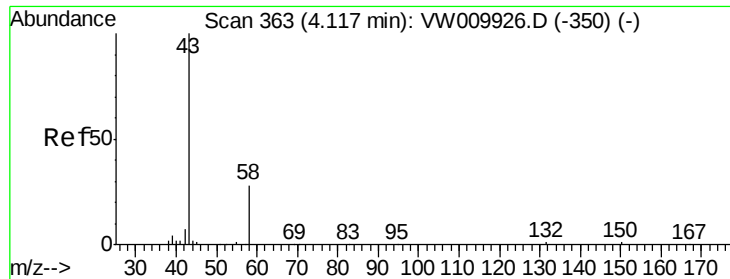
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009938.D
Acq On : 12 Apr 2019 03:28
Operator : SY/VA
Sample : K2328-09
Misc : 4.46G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB724

Quant Time: Apr 12 04:41:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:36:14 2019
Response via : Initial Calibration

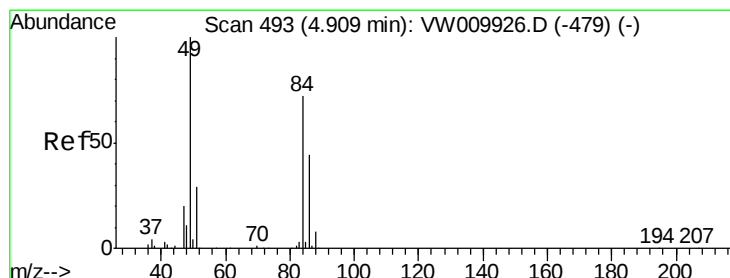
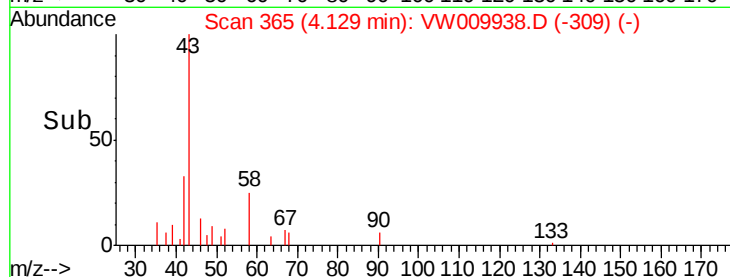
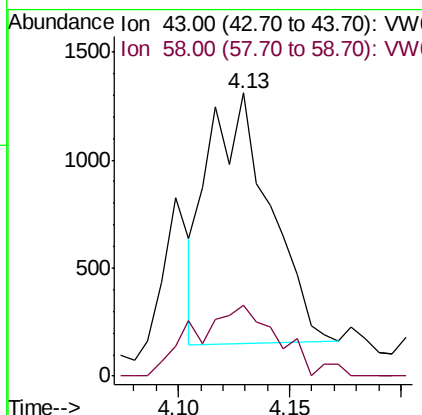
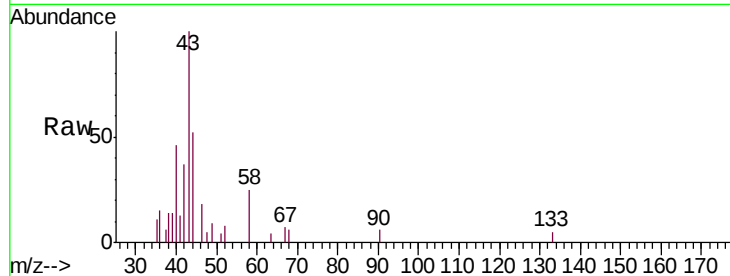




#13
Acetone
Concen: 2.833 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009938.D
Acq: 12 Apr 2019 03:28

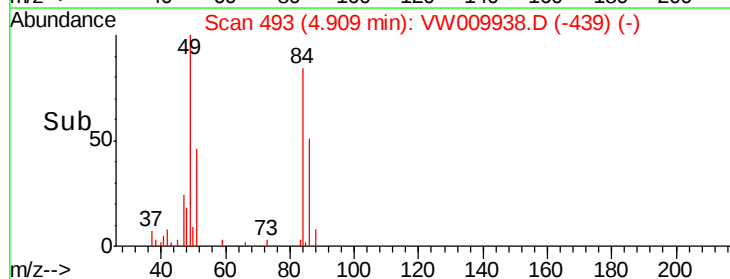
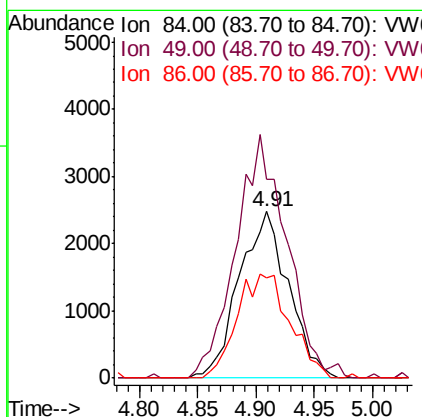
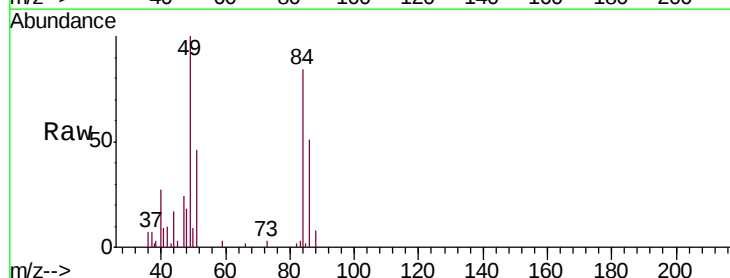
Instrument :
MSVOA_W
ClientSampled :
DB724

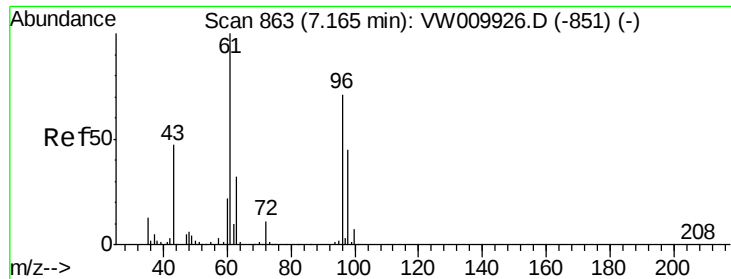
Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
58 27.2 0.0 53.0



#16
Methylene chloride
Concen: 2.389 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009938.D
Acq: 12 Apr 2019 03:28

Tgt Ion: 84 Resp: 7304
Ion Ratio Lower Upper
84 100
49 119.6 98.3 182.5
86 60.5 46.4 86.2



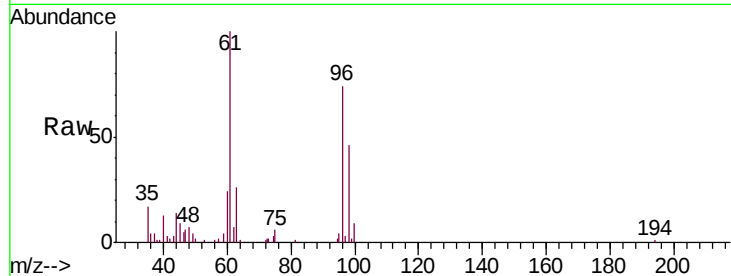


#22

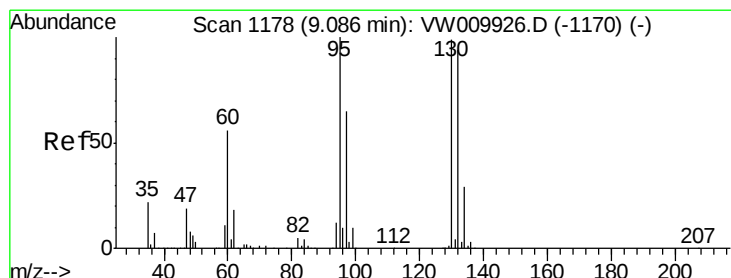
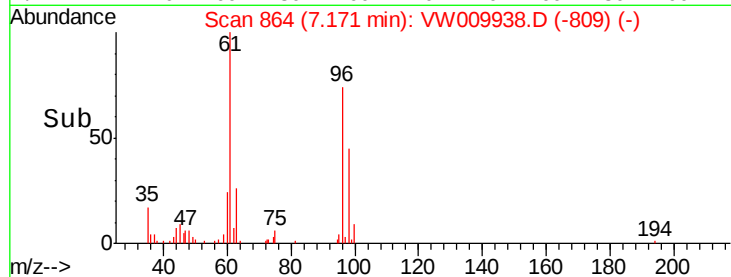
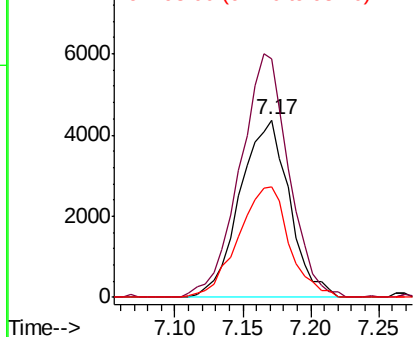
cis-1,2-Dichloroethene
Concen: 4.341 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009938.D
Acq: 12 Apr 2019 03:28

Instrument :
MSVOA_W
ClientSampleId :
DB724

Tgt Ion: 96 Resp: 11115
Ion Ratio Lower Upper
96 100
61 134.5 96.8 179.8
98 62.1 43.5 80.9



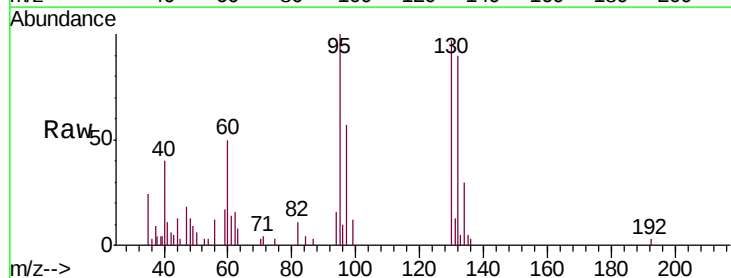
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



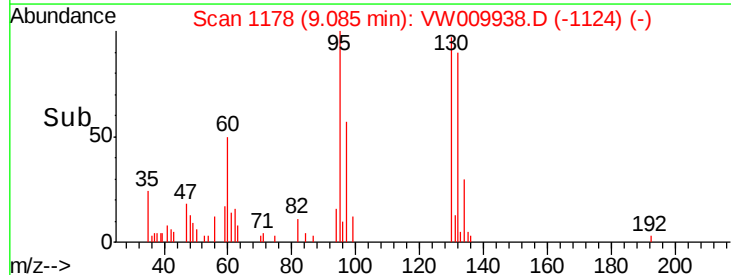
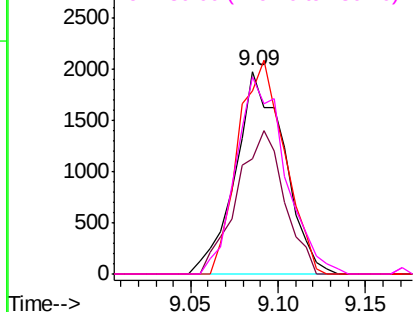
#35

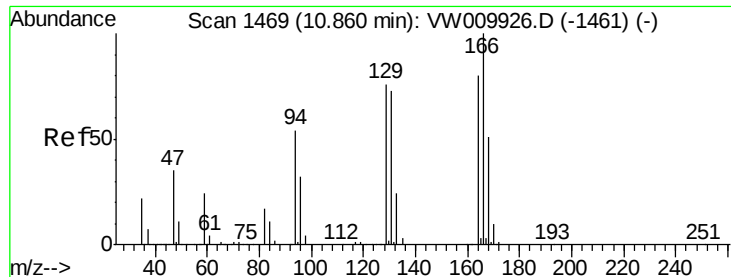
Trichloroethene
Concen: 1.407 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW009938.D
Acq: 12 Apr 2019 03:28

Tgt Ion: 95 Resp: 3825
Ion Ratio Lower Upper
95 100
97 69.2 44.9 83.5
132 101.0 67.1 124.7
130 98.5 69.2 128.6



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#47

Tetrachloroethene

Concen: 30.234 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009938.D

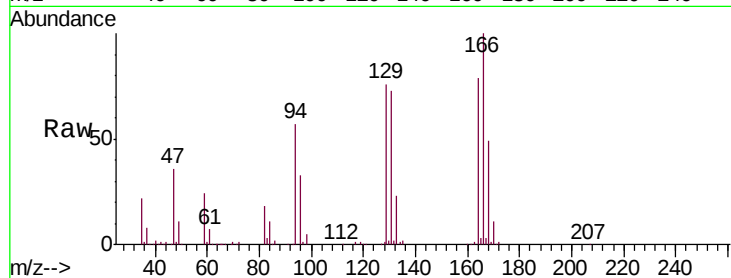
Acq: 12 Apr 2019 03:28

Instrument :

MSVOA_W

ClientSampleId :

DB724



Tgt Ion:164 Resp: 64719

Ion Ratio Lower Upper

164 100

129 96.7 68.9 127.9

131 92.6 63.1 117.1

166 126.9 88.5 164.4

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

