

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071918\
 Data File : VV006647.D
 Acq On : 19 Jul 2018 17:18
 Operator : SY/MD
 Sample : J3983-07
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB172

Quant Time: Jul 20 05:20:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 05:09:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	250248	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	228822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93614	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.58	69	70073	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.13	63	122902	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.96	46	179672	47.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.22%
24) Chloroform-d	4.41	84	144454	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	69510	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.10	84	316924	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.13	67	96550	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	283726	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.67	79	32004	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.14	63	155874	47.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66542	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	96740	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

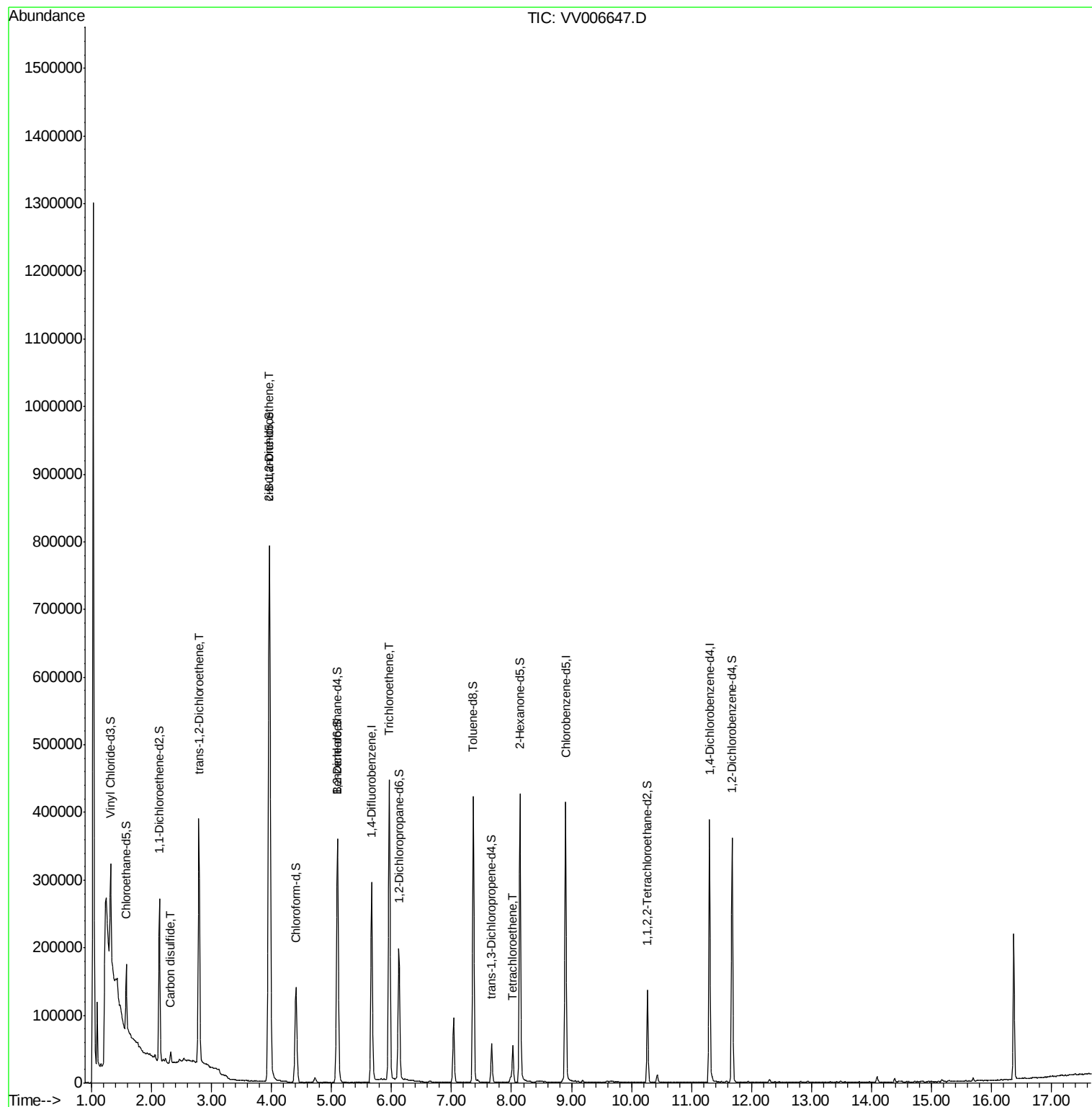
					Ovalue
14) Carbon disulfide	2.32	76	21330	0.36	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	134973	6.61	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	397938	18.61	ug/L 100
34) Trichloroethene	5.96	95	155989	7.66	ug/L 99
47) Tetrachloroethene	8.02	164	12868	0.79	ug/L 99

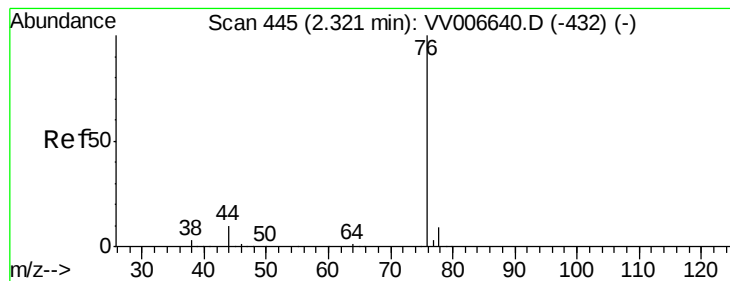
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.36 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006647.D

Acq: 19 Jul 2018 17:18

Instrument :

MSVOA_V

ClientSampled :

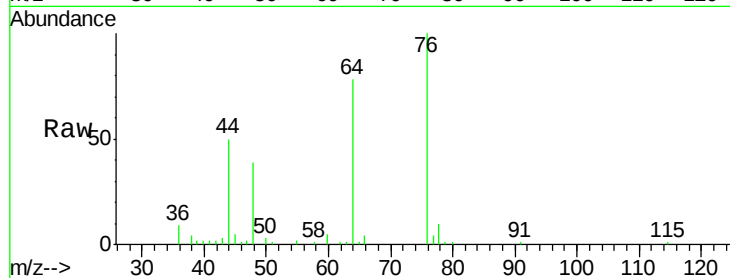
DB172

Tot Ion: 76 Resp: 21330

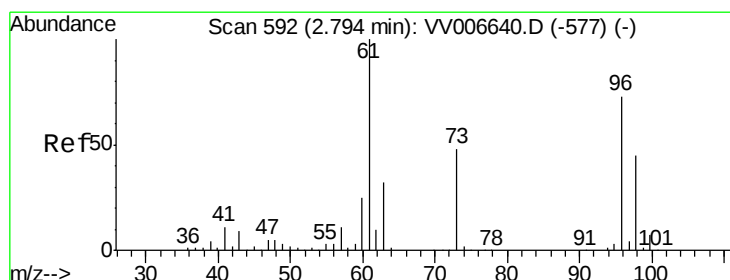
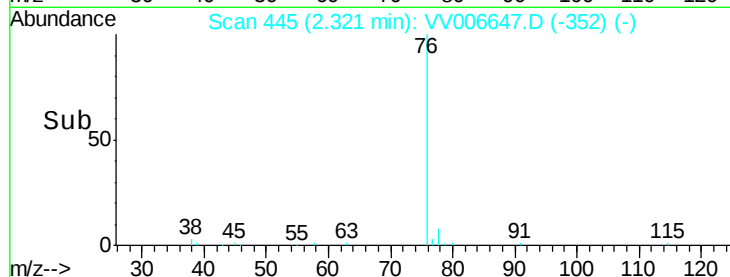
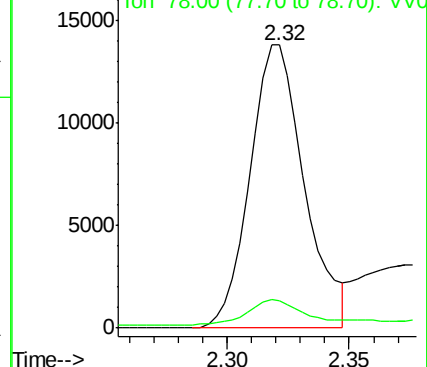
Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV006647.D (-352) (-)



#18

trans-1,2-Dichloroethene

Concen: 6.61 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006647.D

Acq: 19 Jul 2018 17:18

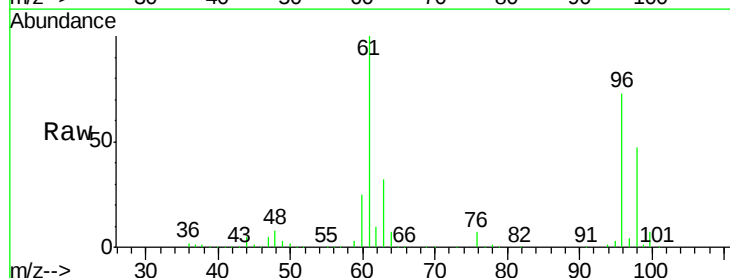
Tgt Ion: 96 Resp: 134973

Ion Ratio Lower Upper

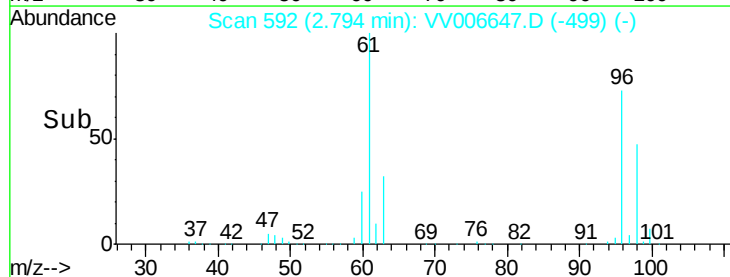
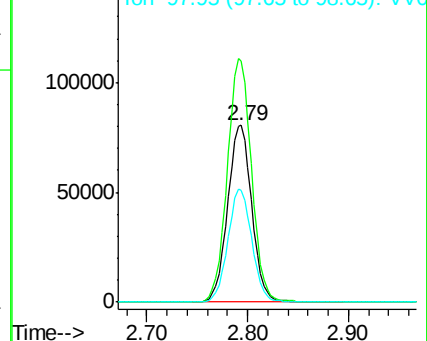
96 100

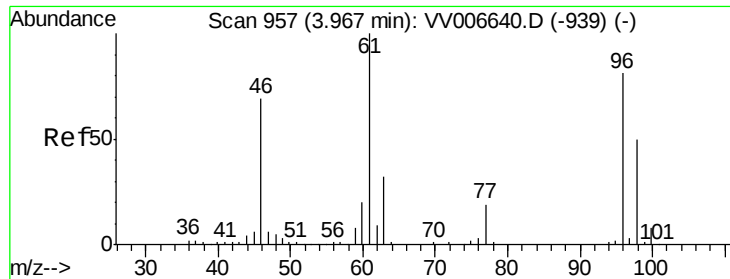
61 136.4 96.0 178.4

98 63.5 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VV006647.D (-499) (-)



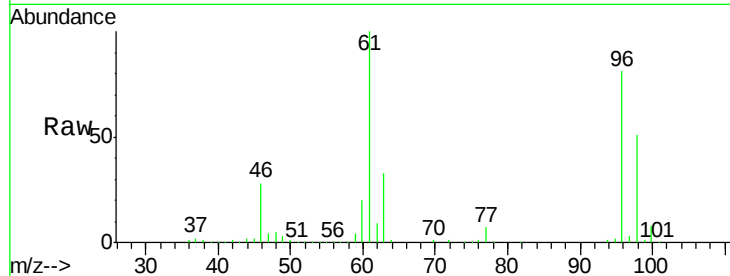


#22

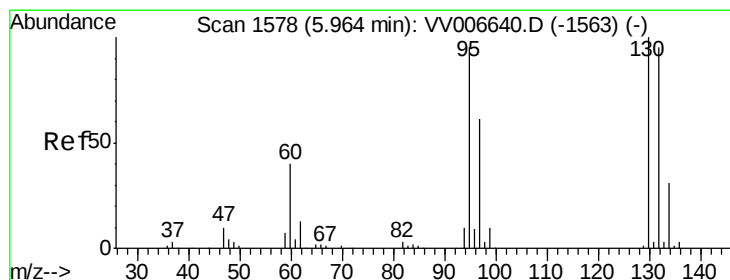
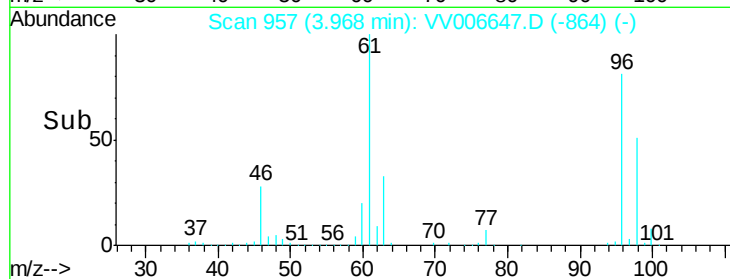
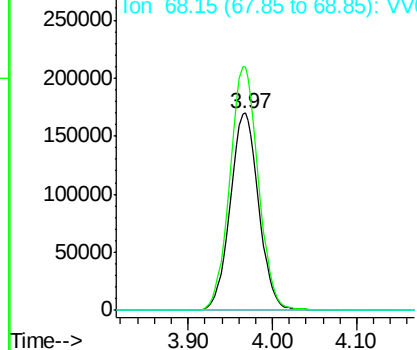
cis-1,2-Dichloroethene
Concen: 18.61 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006647.D
Acq: 19 Jul 2018 17:18

Instrument :
MSVOA_V
ClientSampled :
DB172

Tot Ion: 96 Resp: 397938
Ion Ratio Lower Upper
96 100
61 123.3 86.2 160.0
68 0.0 0.0 0.0



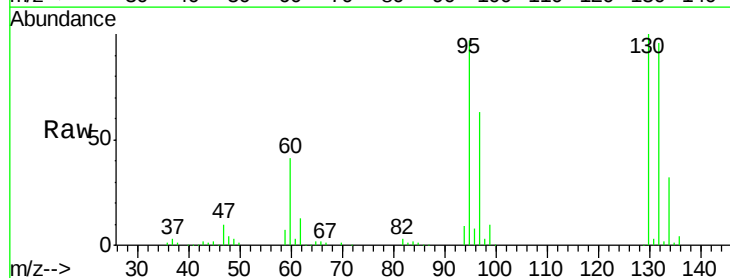
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



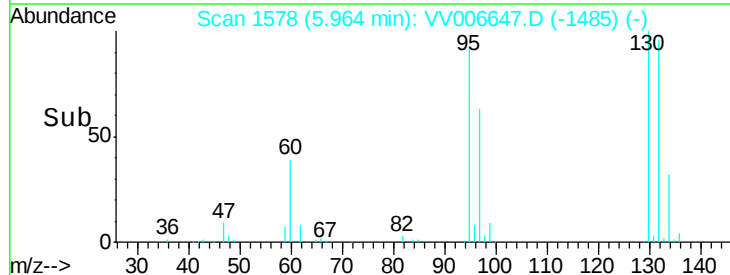
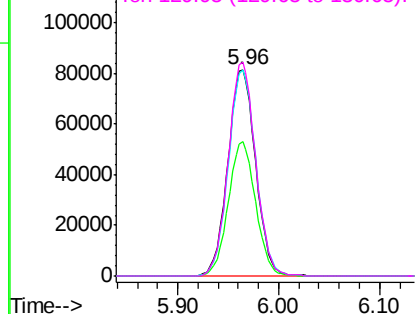
#34

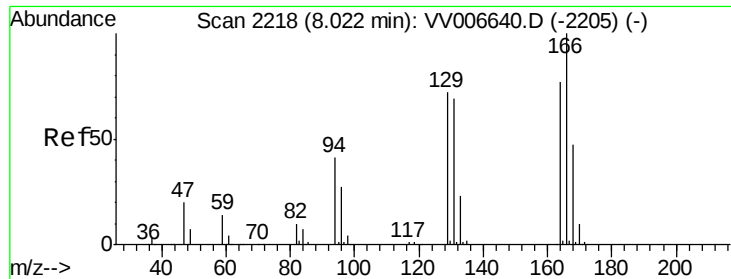
Trichloroethene
Concen: 7.66 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006647.D
Acq: 19 Jul 2018 17:18

Tgt Ion: 95 Resp: 155989
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 99.5 70.3 130.7
130 103.3 73.7 136.9



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 0.79 ug/L

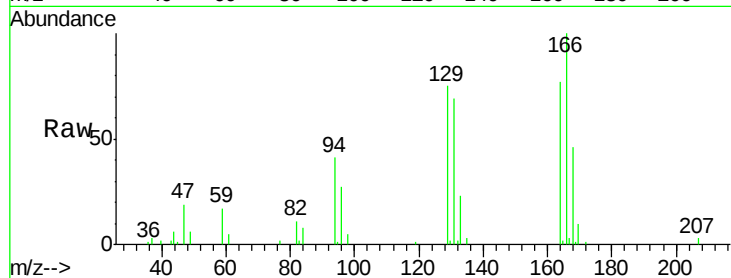
RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006647.D

Acq: 19 Jul 2018 17:18

Instrument :
MSVOA_V
ClientSampleId :
DB172



Tot Ion:164 Resp: 12868

Ion Ratio Lower Upper

164 100

129 97.1 65.9 122.5

131 89.3 62.9 116.7

166 130.2 91.4 169.8

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

