

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
 Data File : VV013827.D
 Acq On : 27 Nov 2019 17:06
 Operator : SY/MD
 Sample : K6056-06DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFE13DL

Quant Time: Dec 02 03:13:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	324608	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	320075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72326	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.58	69	74387	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.13	63	147868	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.92	46	255629	61.20	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.40%
24) Chloroform-d	4.40	84	185793	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	98104	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	342111	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.11	67	108919	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	267950	3.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.20%#
43) trans-1,3-Dichloropropene-	7.66	79	37575	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.13	63	183958	52.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87530	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	124690	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

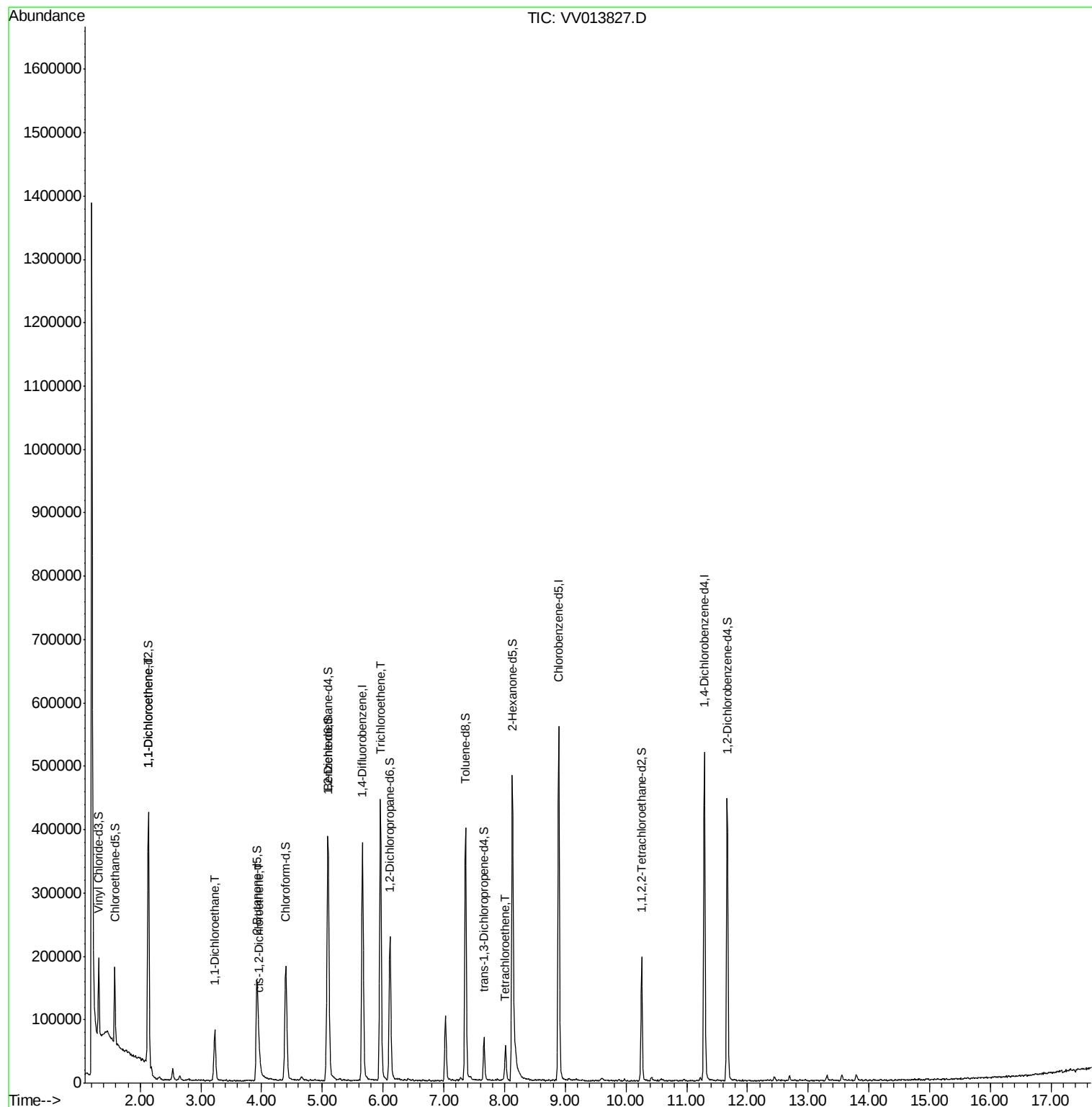
					Qvalue
12) 1,1-Dichloroethene	2.14	96	85031	5.448 ug/L	82
19) 1,1-Dichloroethane	3.23	63	80140	2.278 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	9676	0.468 ug/L	79
34) Trichloroethene	5.96	95	150097	6.930 ug/L	97
47) Tetrachloroethene	8.02	164	13020	0.692 ug/L	97

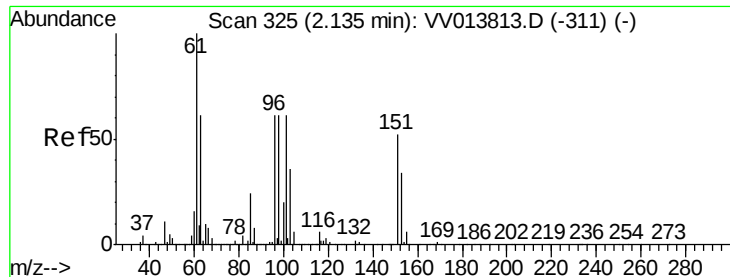
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013827.D
Acq On : 27 Nov 2019 17:06
Operator : SY/MD
Sample : K6056-06DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFE13DL

Quant Time: Dec 02 03:13:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.448 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.01 min

Lab File: VV013827.D

Acq: 27 Nov 2019 17:06

Instrument :

MSVOA_V

ClientSampleId :

BFE13DL

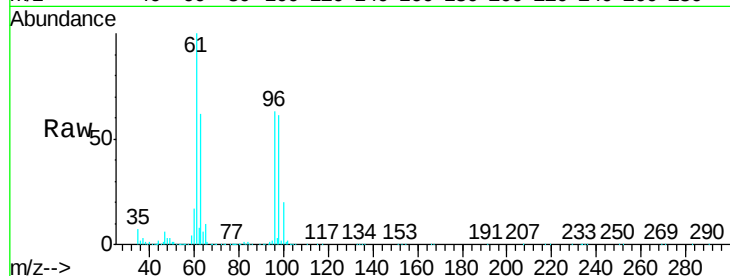
Tgt Ion: 96 Resp: 85031

Ion Ratio Lower Upper

96 100

61 159.0 116.3 215.9

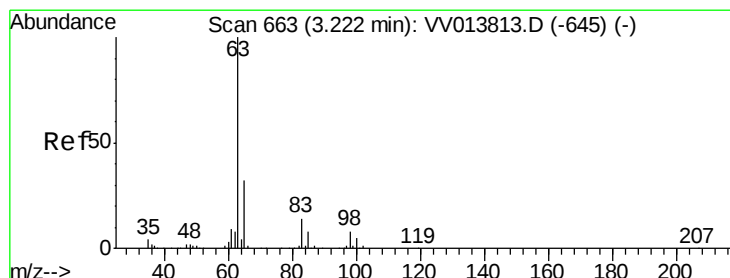
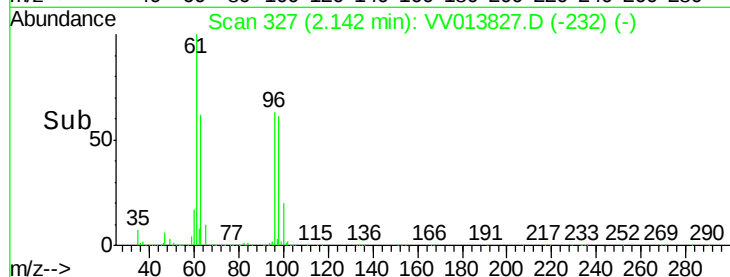
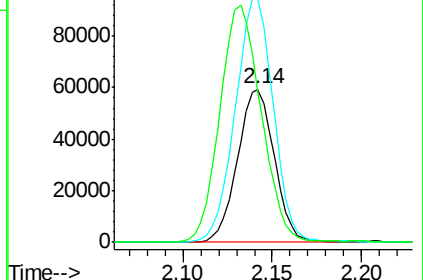
63 99.0 96.7 179.7



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#19

1,1-Dichloroethane

Concen: 2.278 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.01 min

Lab File: VV013827.D

Acq: 27 Nov 2019 17:06

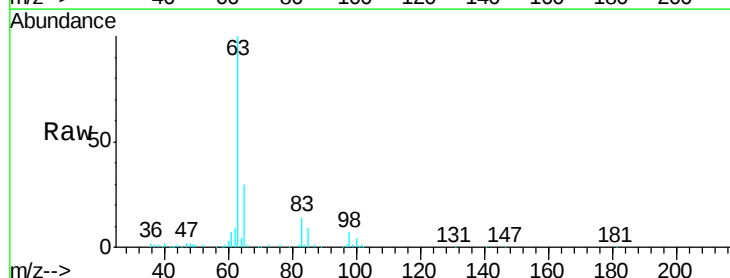
Tgt Ion: 63 Resp: 80140

Ion Ratio Lower Upper

63 100

65 29.9 22.7 42.1

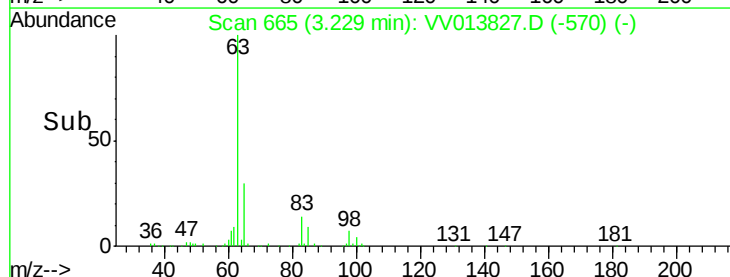
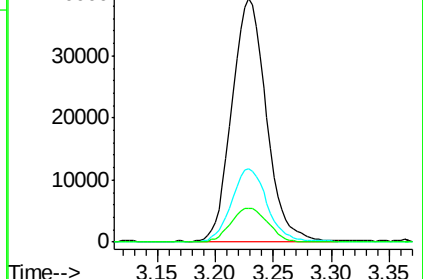
83 14.1 9.2 17.2

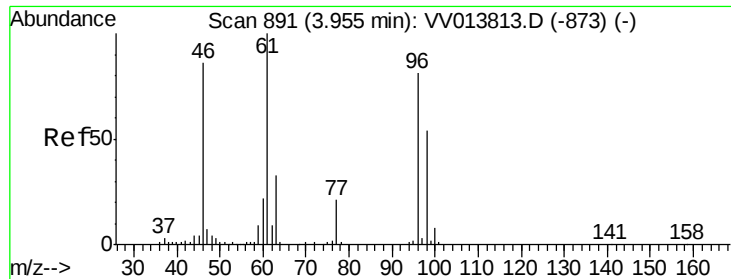


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 0.468 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV013827.D

Acq: 27 Nov 2019 17:06

Instrument :

MSVOA_V

ClientSampleId :

BFE13DL

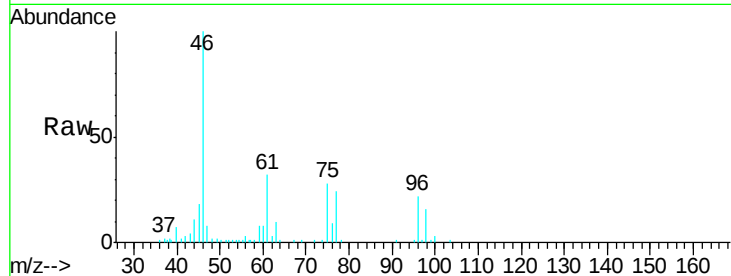
Tgt Ion: 96 Resp: 9676

Ion Ratio Lower Upper

96 100

61 146.4 86.1 159.9

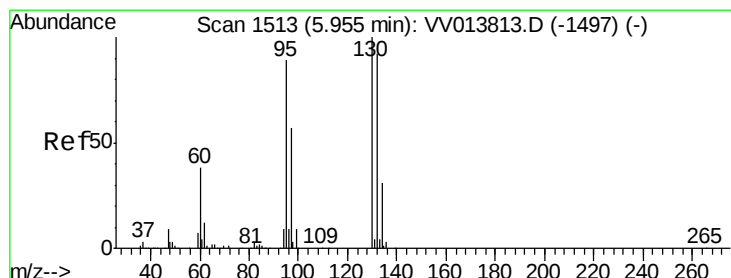
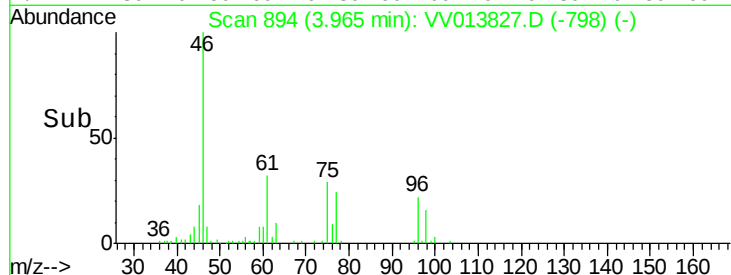
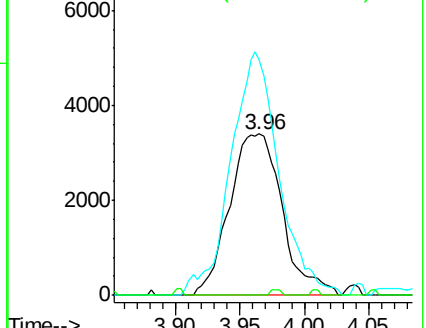
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV013827.D (-798) (-)

Ion 61.05 (60.75 to 61.75): VV013827.D (-798) (-)

Ion 68.15 (67.85 to 68.85): VV013827.D (-798) (-)



#34

Trichloroethene

Concen: 6.930 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013827.D

Acq: 27 Nov 2019 17:06

Tgt Ion: 95 Resp: 150097

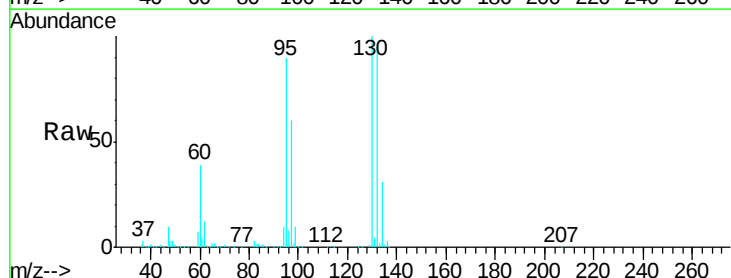
Ion Ratio Lower Upper

95 100

97 66.8 45.6 84.8

132 105.7 70.5 130.9

130 110.6 75.9 140.9

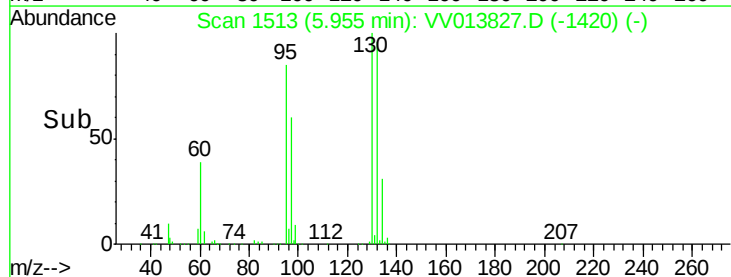
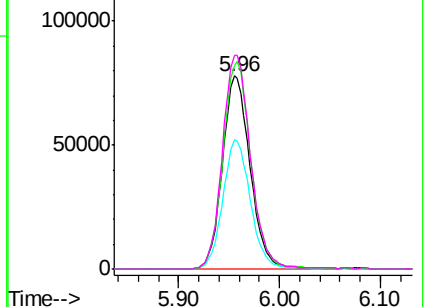


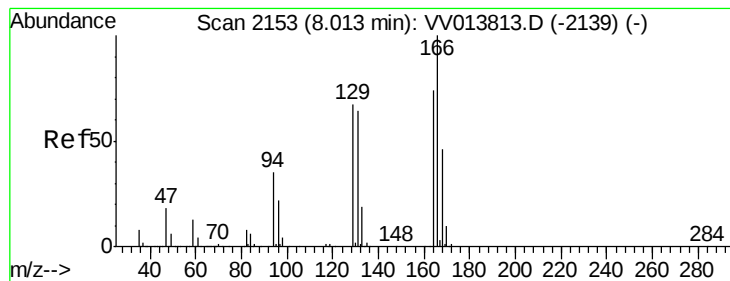
Abundance Ion 95.00 (94.70 to 95.70): VV013827.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV013827.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV013827.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV013827.D (-1420) (-)





#47

Tetrachloroethene

Concen: 0.692 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013827.D

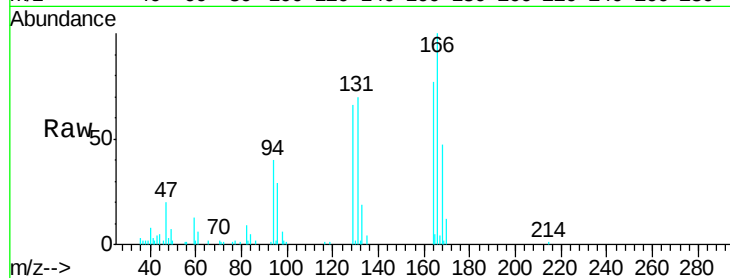
Acq: 27 Nov 2019 17:06

Instrument :

MSVOA_V

ClientSampleId :

BFE13DL



Tgt Ion:164 Resp: 13020

Ion Ratio Lower Upper

164 100

129 85.9 60.3 112.1

131 91.1 59.9 111.3

166 130.1 89.1 165.5

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

