

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040891.D
 Acq On : 21 Oct 2020 22:32
 Operator : SY/MD
 Sample : L4428-19DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ51DL

Quant Time: Oct 22 02:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	224853	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	229844	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	96311	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71645	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.92	69	65784	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	108812	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.66	46	358703	65.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.08%#
24) Chloroform-d	5.08	84	164623	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	104320	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.75	84	287933	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.70	67	100719	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.91	98	218412	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.19	79	39185	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	255531	62.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	101293	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	89987	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

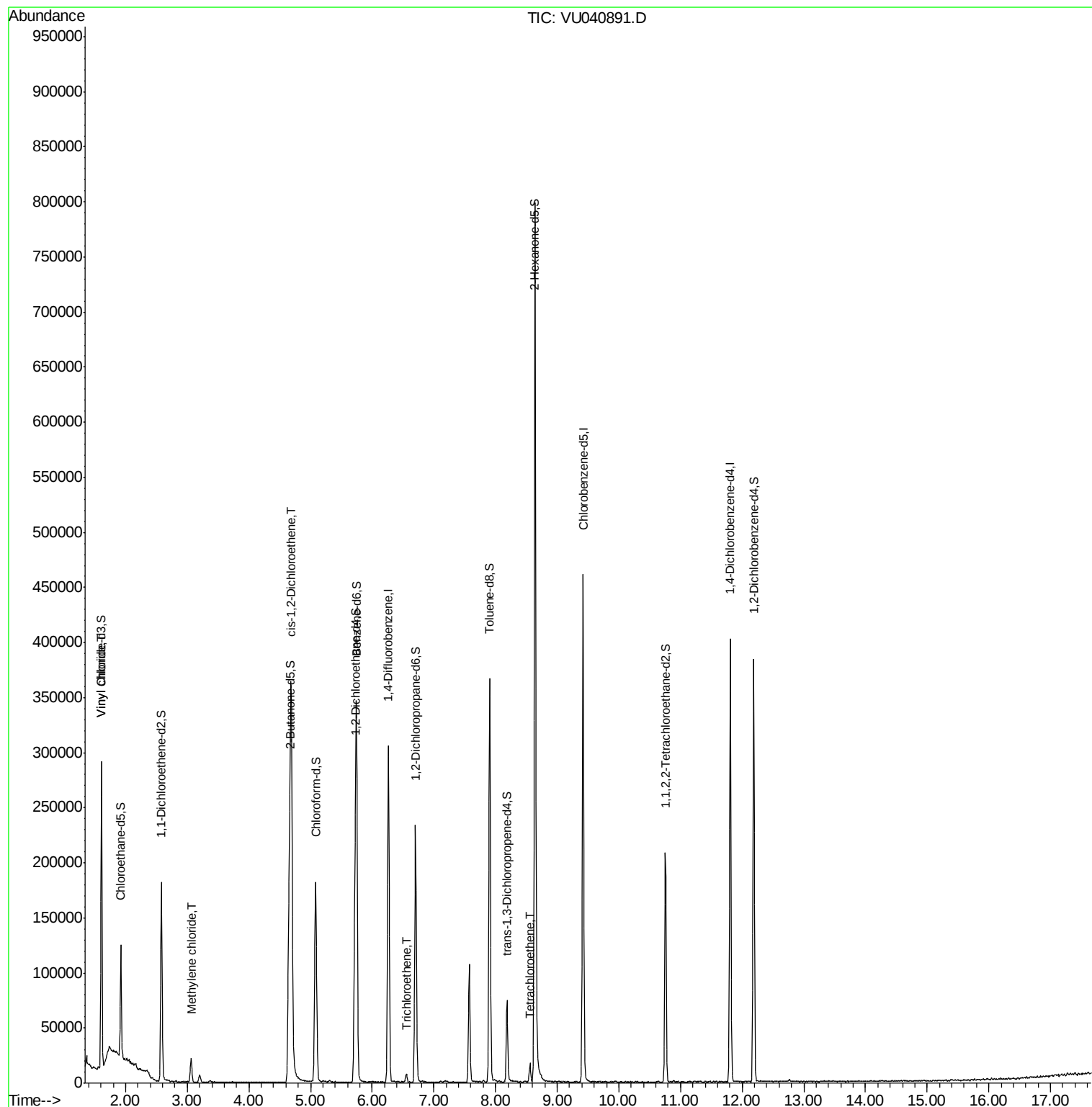
					Ovalue
5) Vinyl chloride	1.61	62	125065	5.429 ug/L	93
16) Methylene chloride	3.07	84	8904	0.440 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	132967	7.090 ug/L	95
34) Trichloroethene	6.56	95	2405	0.128 ug/L	86
47) Tetrachloroethene	8.56	164	3093	0.221 ug/L	86

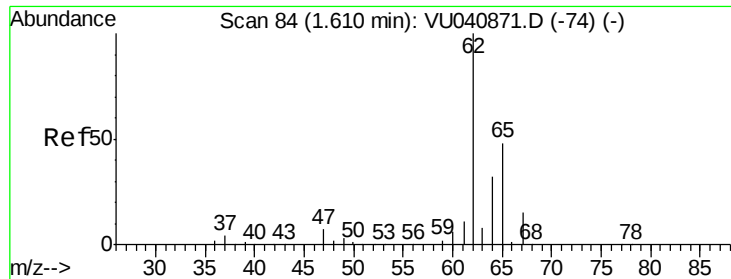
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102120\
Data File : VU040891.D
Acq On : 21 Oct 2020 22:32
Operator : SY/MD
Sample : L4428-19DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETZ51DL

Quant Time: Oct 22 02:34:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.429 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040891.D

Acq: 21 Oct 2020 22:32

Instrument :

MSVOA_U

ClientSampleId :

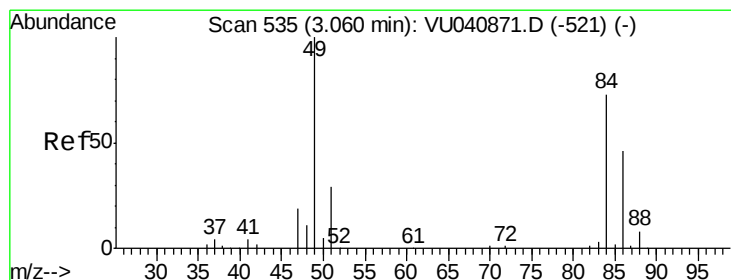
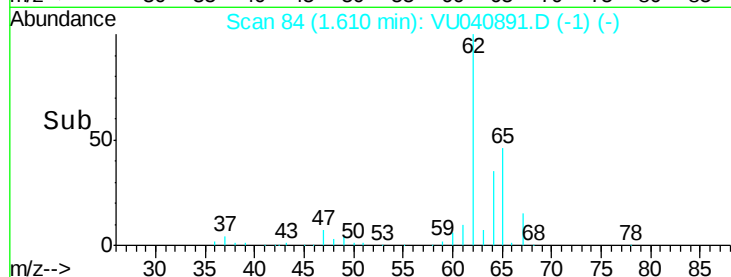
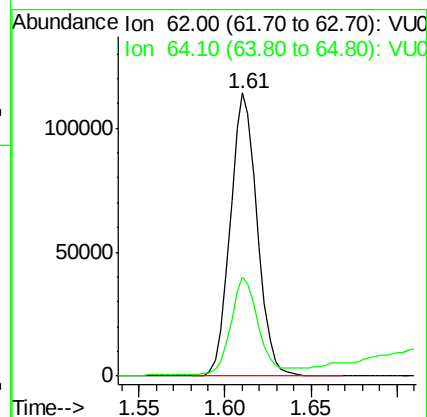
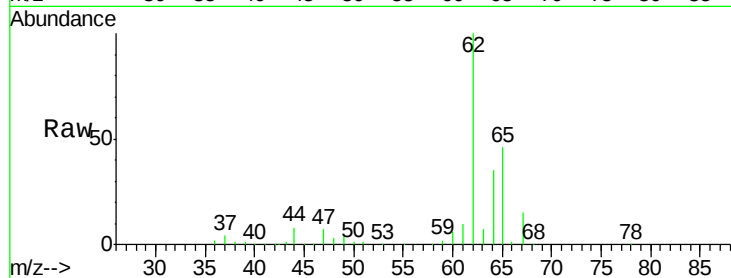
ETZ51DL

Tot Ion: 62 Resp: 125065

Ion Ratio Lower Upper

62 100

64 35.1 21.8 40.6



#16

Methylene chloride

Concen: 0.440 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU040891.D

Acq: 21 Oct 2020 22:32

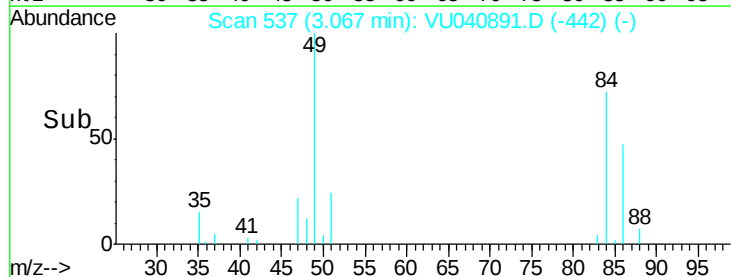
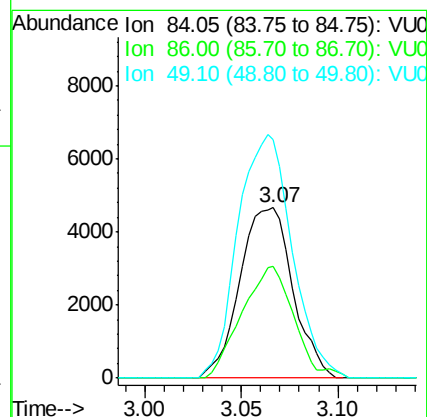
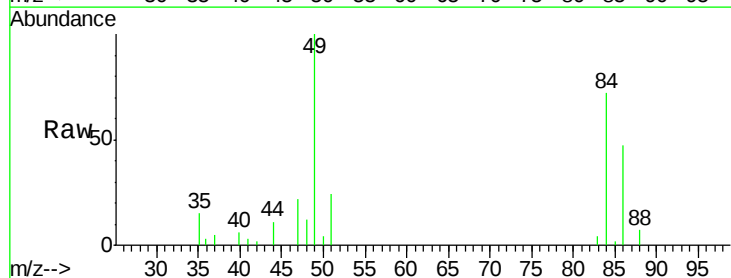
Tgt Ion: 84 Resp: 8904

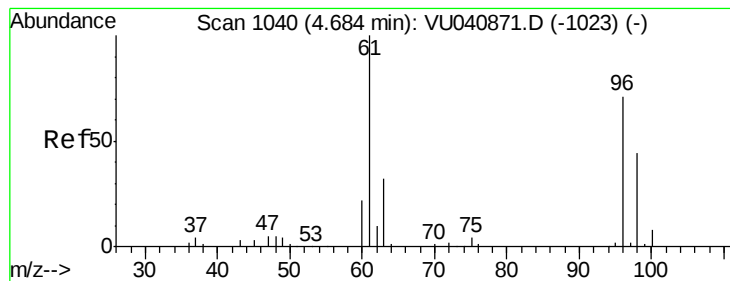
Ion Ratio Lower Upper

84 100

86 65.3 44.9 83.5

49 139.7 94.7 175.9





#22

cis-1,2-Dichloroethene

Concen: 7.090 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040891.D

Acq: 21 Oct 2020 22:32

Instrument :

MSVOA_U

ClientSampled :

ETZ51DL

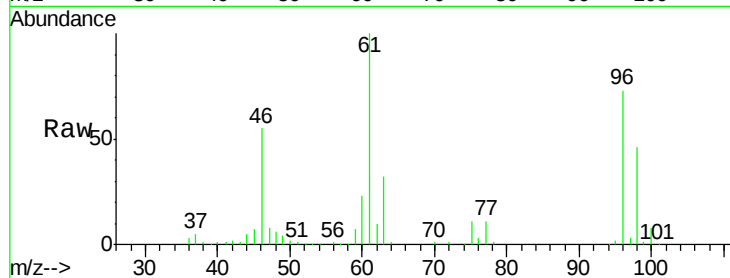
Tot Ion: 96 Resp: 132967

Ion Ratio Lower Upper

96 100

61 137.1 100.0 185.6

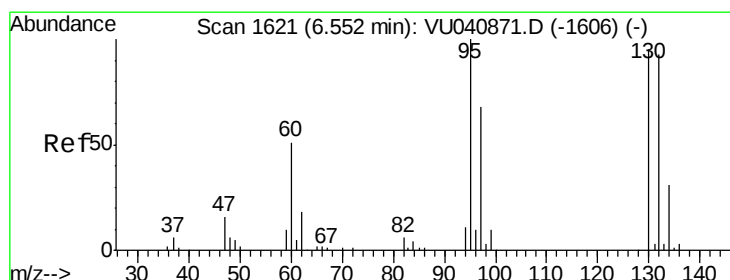
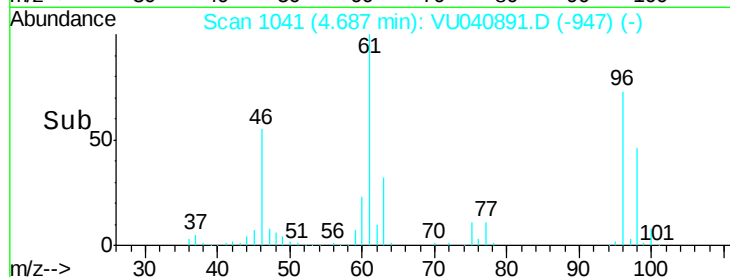
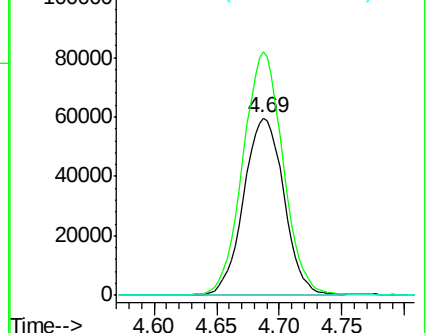
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040891.D (-1528) (-)

Ion 61.05 (60.75 to 61.75): VU040891.D (-1528) (-)

Ion 68.15 (67.85 to 68.85): VU040891.D (-1528) (-)



#34

Trichloroethene

Concen: 0.128 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU040891.D

Acq: 21 Oct 2020 22:32

Tgt Ion: 95 Resp: 2405

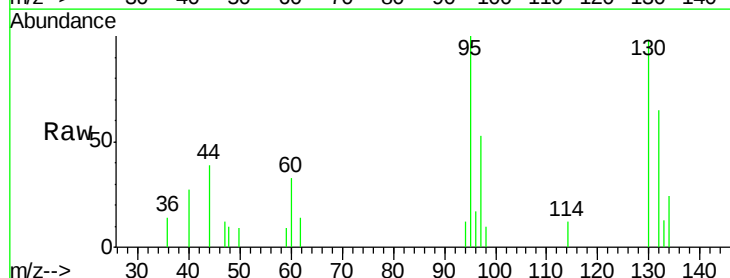
Ion Ratio Lower Upper

95 100

97 53.3 46.0 85.4

132 65.4 63.6 118.2

130 98.0 68.6 127.4

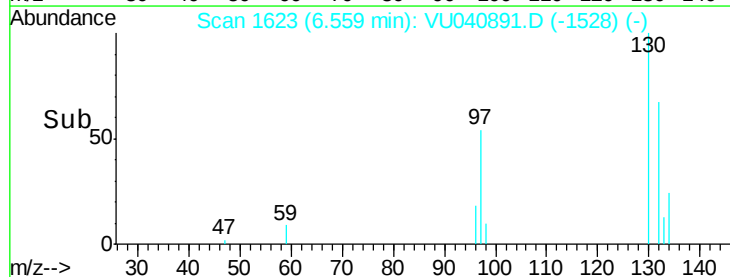
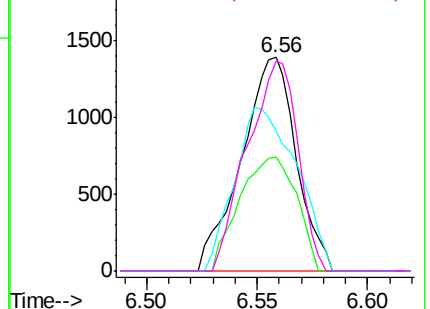


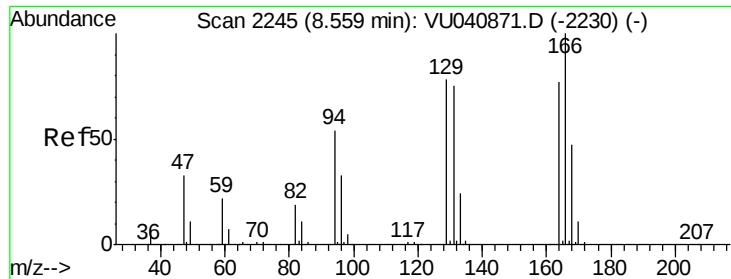
Abundance Ion 95.00 (94.70 to 95.70): VU040891.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040891.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040891.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040891.D (-1528) (-)





#47

Tetrachloroethene

Concen: 0.221 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU040891.D

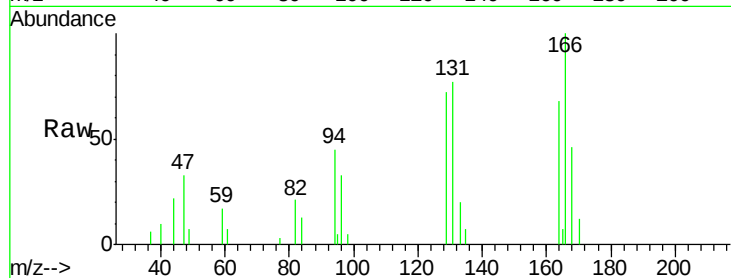
Acq: 21 Oct 2020 22:32

Instrument :

MSVOA_U

ClientSampleId :

ETZ51DL



Tot Ion:164 Resp: 3093

Ion Ratio Lower Upper

164 100

129 105.2 69.7 129.4

131 112.9 65.4 121.4

166 146.2 90.0 167.2

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

