

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016294.D
 Acq On : 28 May 2020 23:05
 Operator : SY/MD
 Sample : L2754-17DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXA3DL

Quant Time: May 29 04:46:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 04:21:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	89729	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86914	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21479	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.58	69	21390	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.13	63	32688	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.95	46	73678	51.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.08%
24) Chloroform-d	4.38	84	49370	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.06	65	27862	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.08	84	96237	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.10	67	30600	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.34	98	84552	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
45) trans-1,3-Dichloropropene-	7.65	79	9818	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
48) 2-Hexanone-d5	8.12	63	52090	45.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21552	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	30633	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

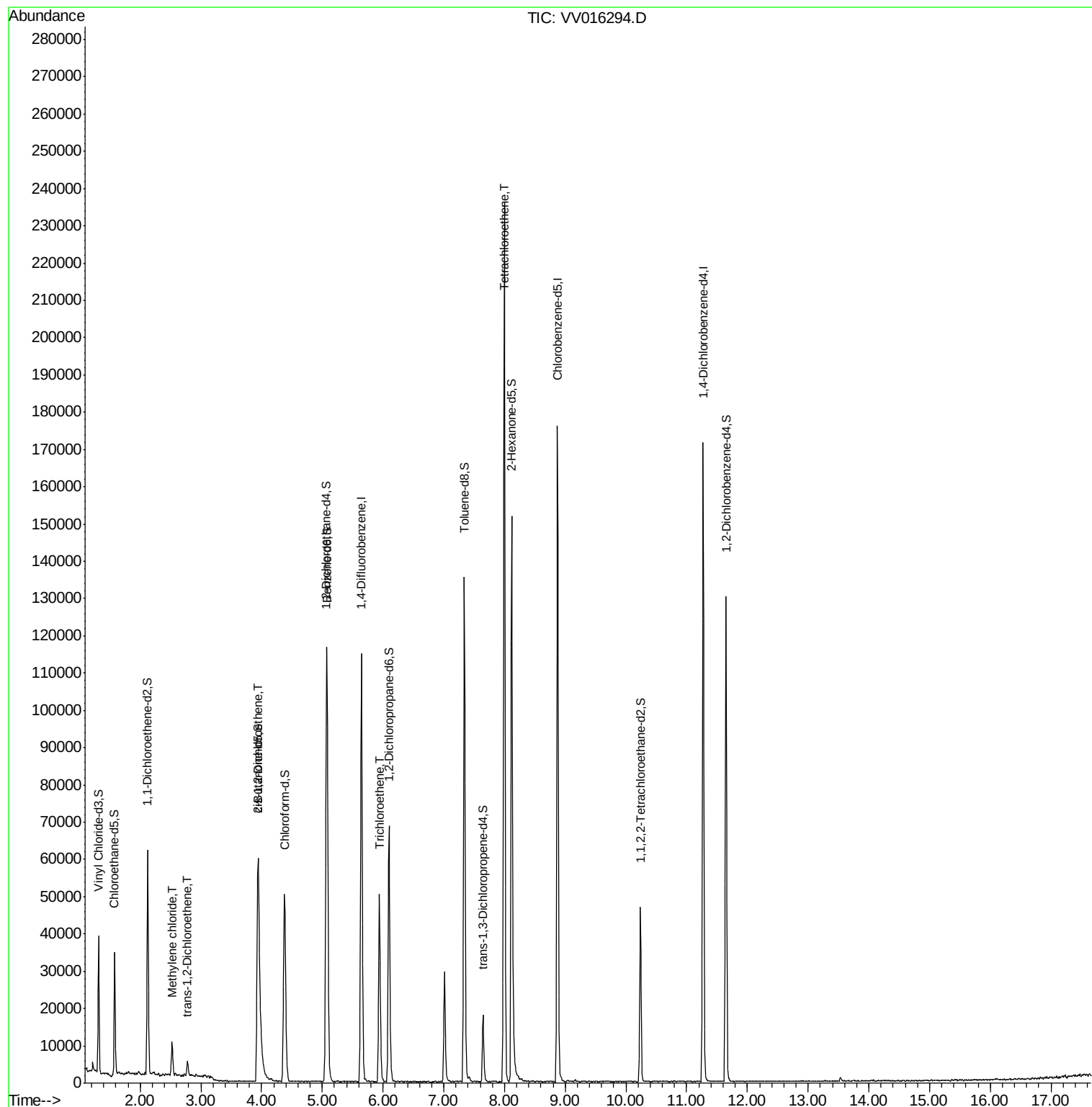
					Ovalue
16) Methylene chloride	2.53	84	3355	0.553 ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	1235	0.213 ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	15601	2.278 ug/L	97
34) Trichloroethene	5.94	95	17030	2.614 ug/L	94
49) Tetrachloroethene	8.00	164	46528	9.947 ug/L	97

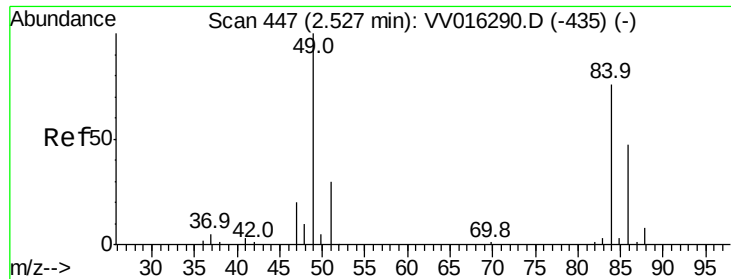
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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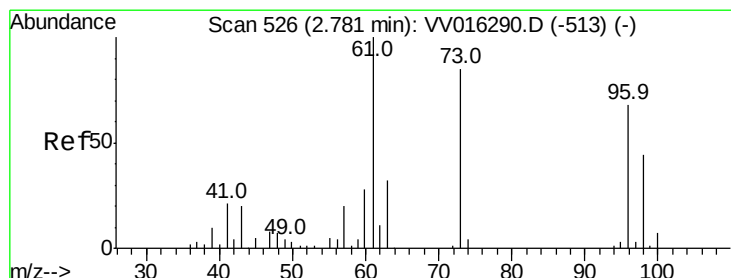
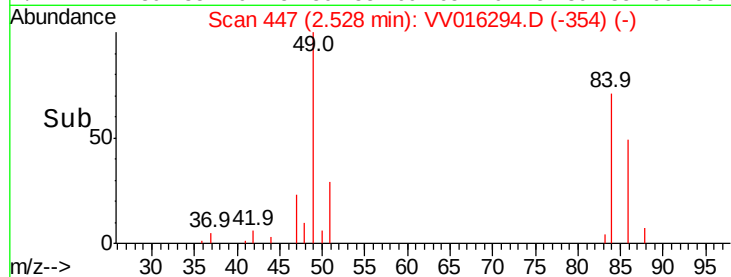
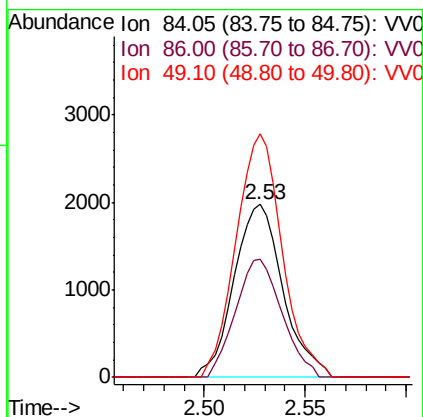
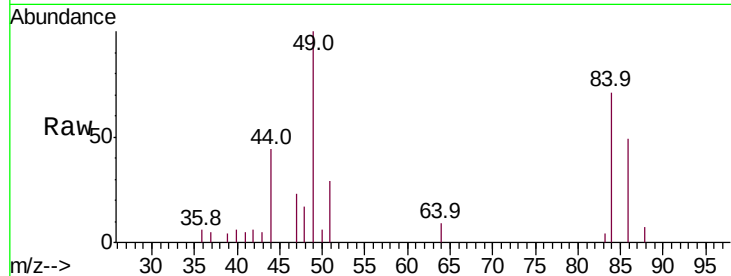




#16
Methylene chloride
Concen: 0.553 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016294.D
Acq: 28 May 2020 23:05

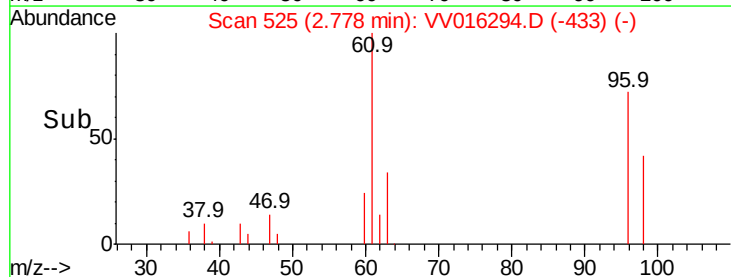
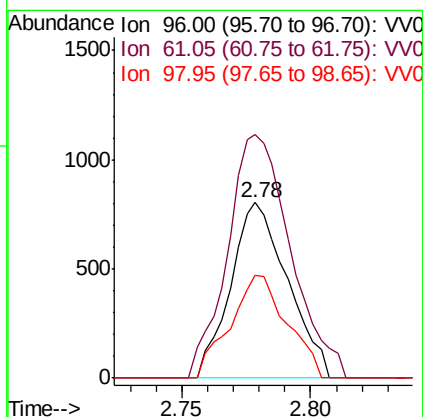
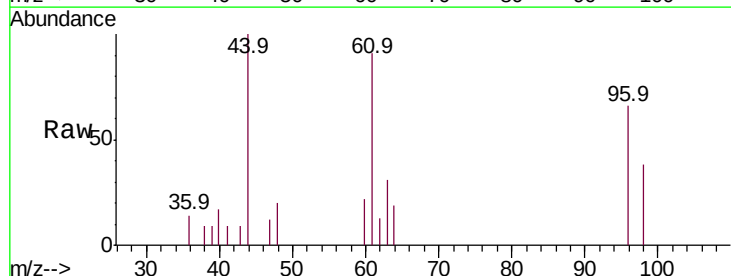
Instrument :
MSVOA_V
ClientSampleId :
GAXA3DL

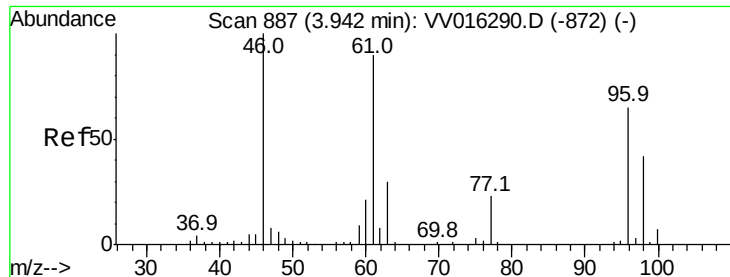
Tot Ion: 84 Resp: 3355
Ion Ratio Lower Upper
84 100
86 68.7 44.9 83.5
49 140.8 96.7 179.7



#18
trans-1,2-Dichloroethene
Concen: 0.213 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV016294.D
Acq: 28 May 2020 23:05

Tgt Ion: 96 Resp: 1235
Ion Ratio Lower Upper
96 100
61 138.5 99.8 185.4
98 58.5 44.0 81.6





#22

cis-1,2-Dichloroethene

Concen: 2.278 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV016294.D

Acq: 28 May 2020 23:05

Instrument :

MSVOA_V

ClientSampled :

GAXA3DL

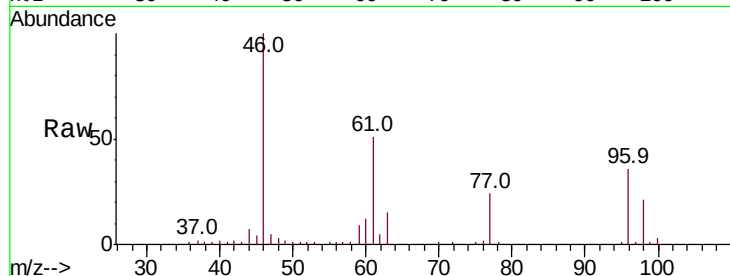
Tot Ion: 96 Resp: 15601

Ion Ratio Lower Upper

96 100

61 138.7 99.7 185.1

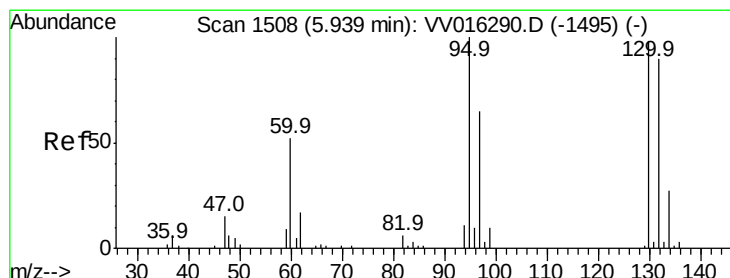
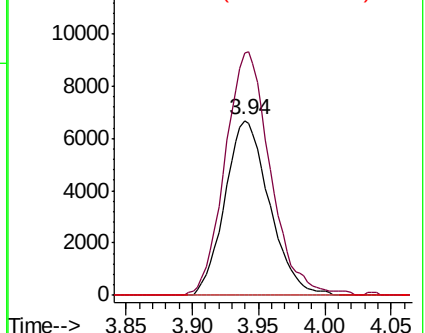
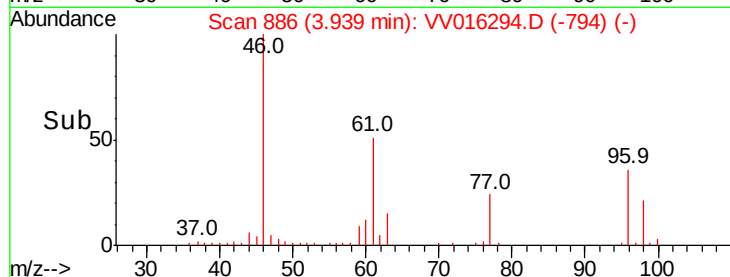
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016294.D (-872) (-)

Ion 61.05 (60.75 to 61.75): VV016294.D (-872) (-)

Ion 68.15 (67.85 to 68.85): VV016294.D (-872) (-)



#34

Trichloroethene

Concen: 2.614 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016294.D

Acq: 28 May 2020 23:05

Tgt Ion: 95 Resp: 17030

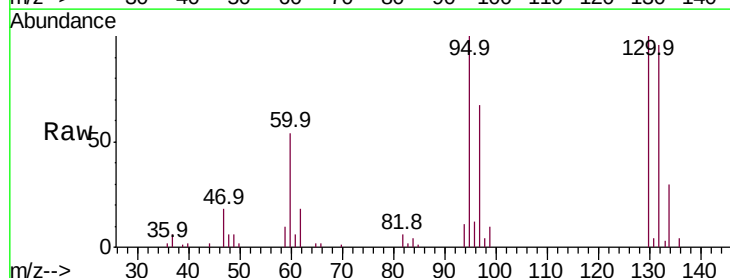
Ion Ratio Lower Upper

95 100

97 66.6 43.6 81.0

132 95.7 63.9 118.7

130 99.5 65.2 121.0

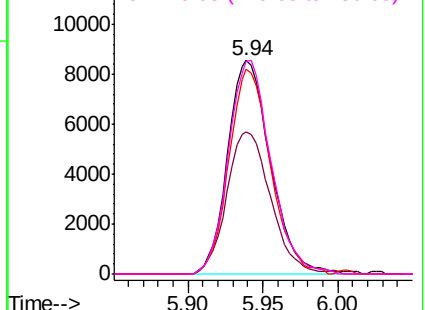
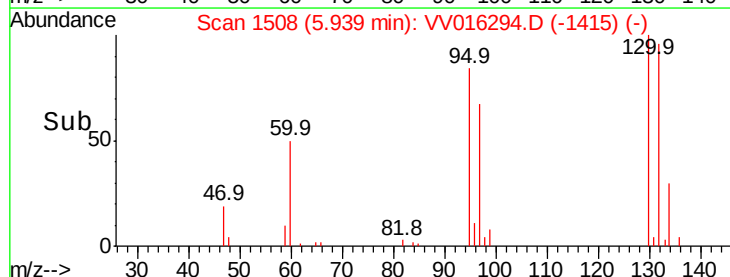


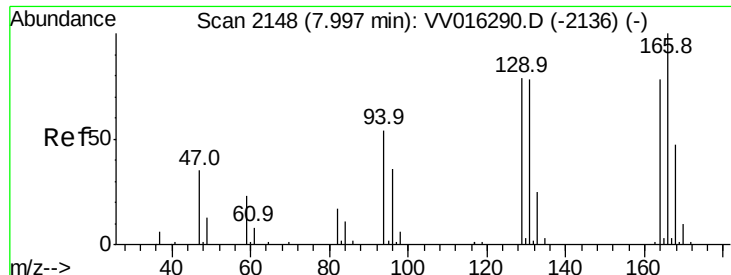
Abundance Ion 95.00 (94.70 to 95.70): VV016294.D (-1415) (-)

Ion 96.95 (96.65 to 97.65): VV016294.D (-1415) (-)

Ion 131.95 (131.65 to 132.65): VV016294.D (-1415) (-)

Ion 129.95 (129.65 to 130.65): VV016294.D (-1415) (-)





#49

Tetrachloroethene

Concen: 9.947 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016294.D

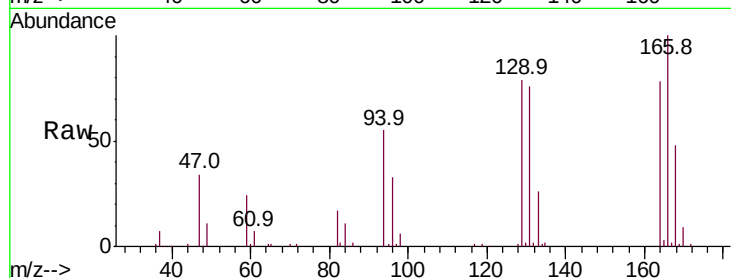
Acq: 28 May 2020 23:05

Instrument :

MSVOA_V

ClientSampleId :

GAXA3DL



Tot Ion:164 Resp: 46528

Ion Ratio Lower Upper

164 100

129 102.3 70.7 131.3

131 97.8 66.6 123.8

166 128.8 86.9 161.5

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

