

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041926.D
 Acq On : 11 Jan 2021 17:30
 Operator : SY/MD
 Sample : M1026-18DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXL9DL

Quant Time: Jan 12 04:50:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120121	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51855	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46639	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.92	69	45375	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	70394	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.66	46	142619	50.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.38%
24) Chloroform-d	5.08	84	82264	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.72	65	46785	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	161189	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	51478	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.90	98	137104	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	19913	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	123921	53.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46504	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	50204	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

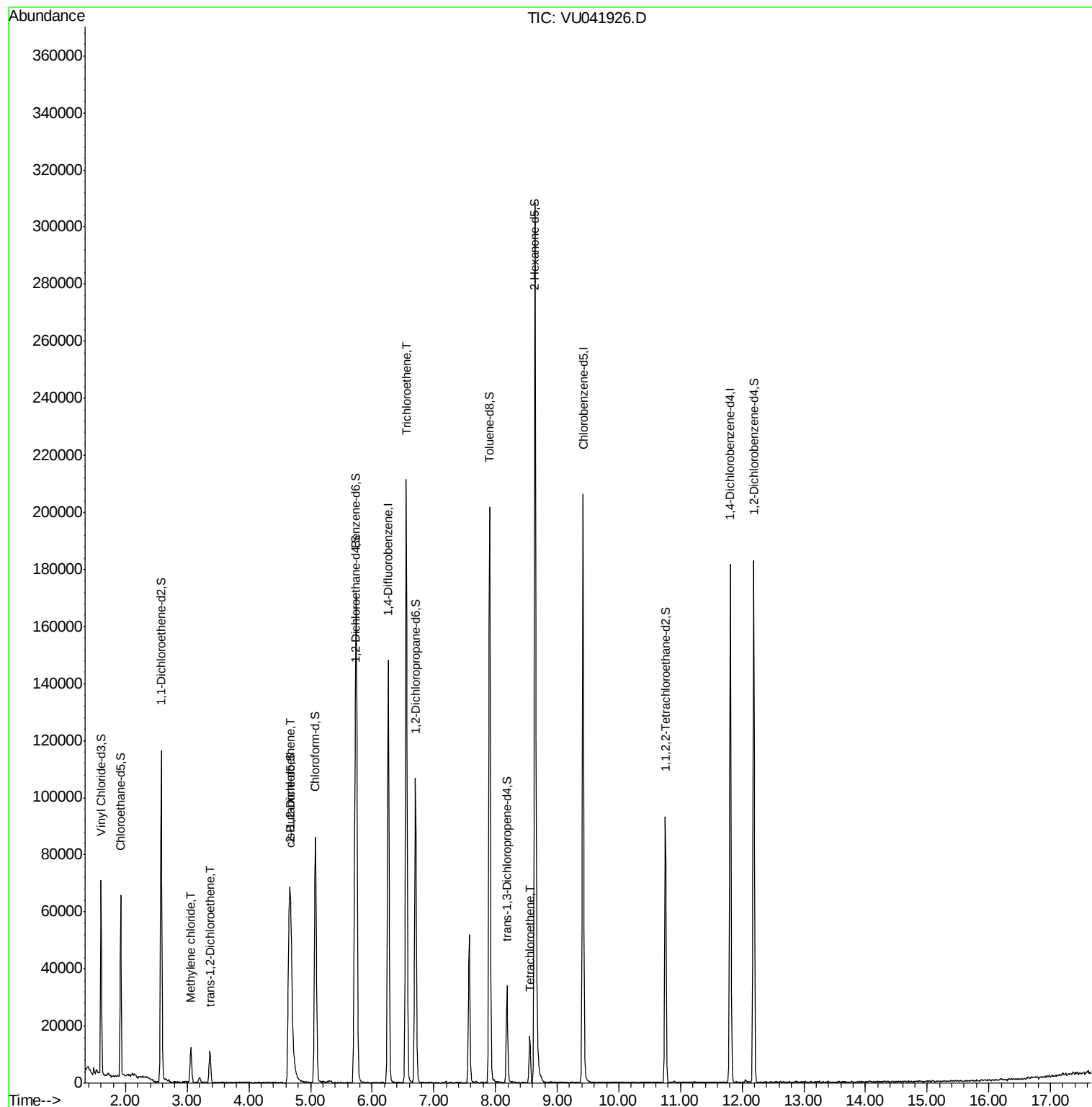
					Ovalue
16) Methylene chloride	3.06	84	5751	0.488 ug/L	93
18) trans-1,2-Dichloroethene	3.37	96	4884	0.536 ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	9458	0.973 ug/L	98
34) Trichloroethene	6.55	95	74164	7.441 ug/L	98
47) Tetrachloroethene	8.56	164	3567	0.514 ug/L	97

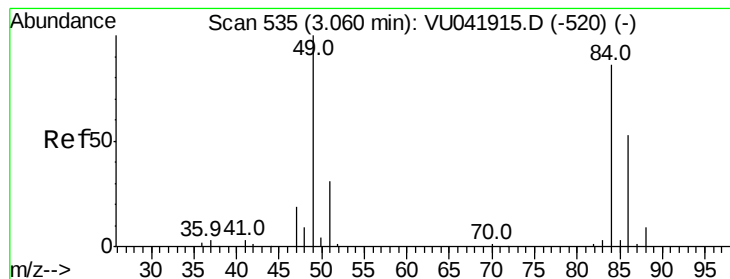
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 03:17:19 2021
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.488 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041926.D

Acq: 11 Jan 2021 17:30

Instrument :

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BFXL9DL

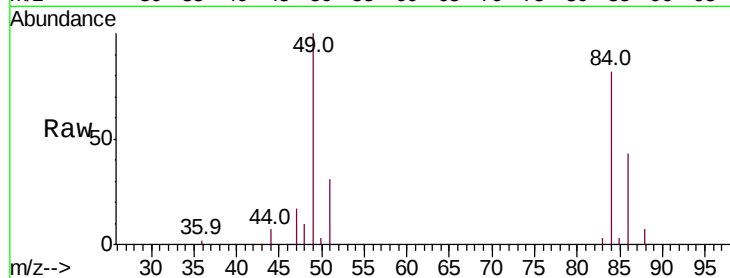
Tot Ion: 84 Resp: 5751

Ion Ratio Lower Upper

84 100

86 52.8 43.5 80.7

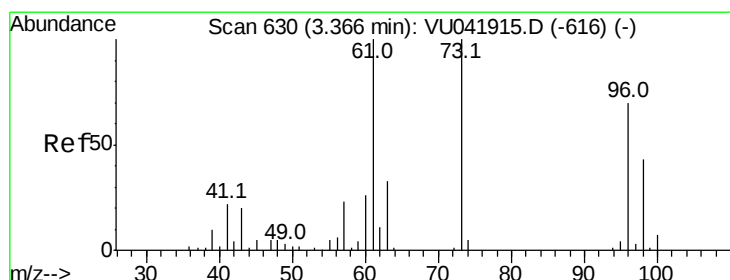
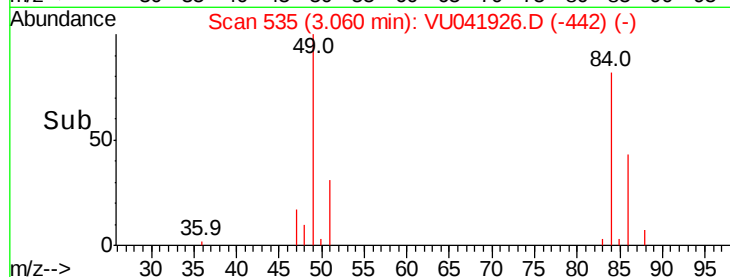
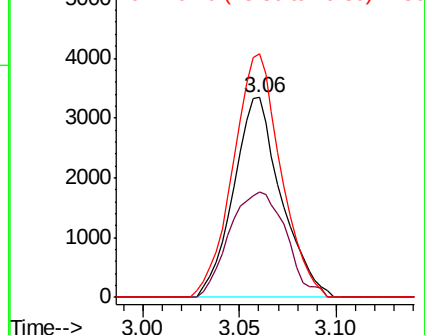
49 121.9 81.8 151.8



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.536 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041926.D

Acq: 11 Jan 2021 17:30

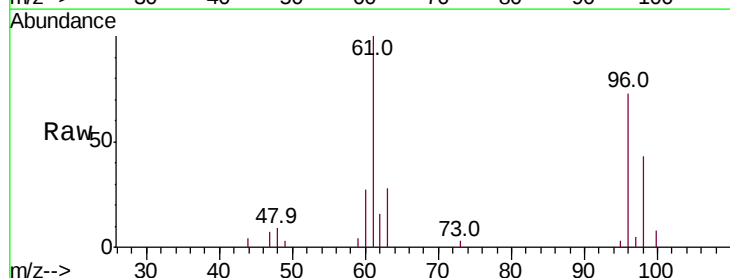
Tgt Ion: 96 Resp: 4884

Ion Ratio Lower Upper

96 100

61 136.4 100.7 187.1

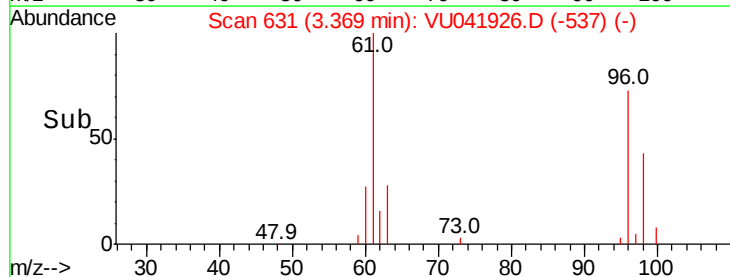
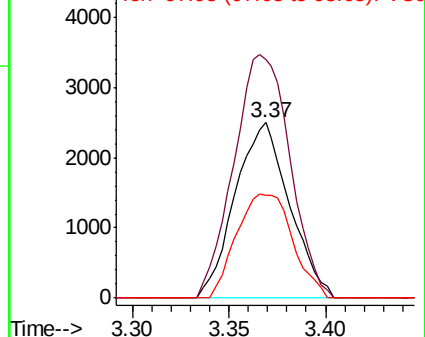
98 58.9 43.0 80.0

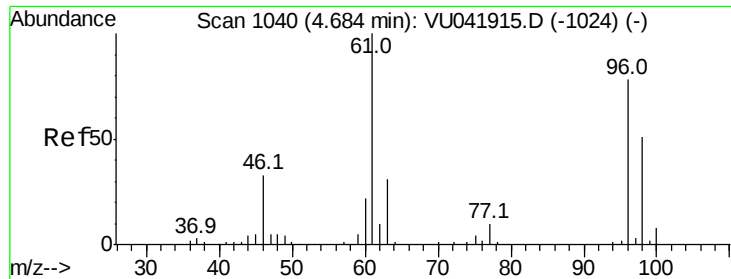


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

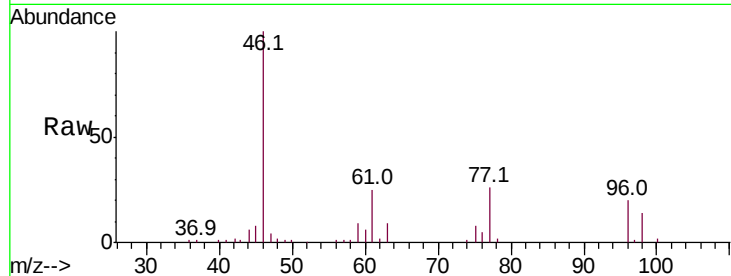




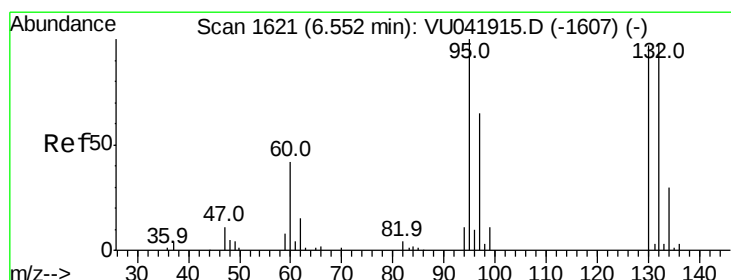
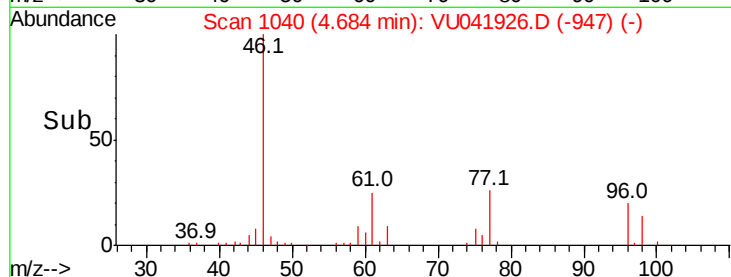
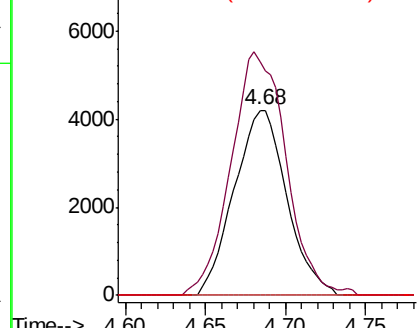
#22
 cis-1,2-Dichloroethene
 Concen: 0.973 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU041926.D
 Acq: 11 Jan 2021 17:30

Instrument :
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 BFXL9DL

Tot Ion: 96 Resp: 9458
 Ion Ratio Lower Upper
 96 100
 61 126.4 90.3 167.7
 68 0.0 0.0 0.0

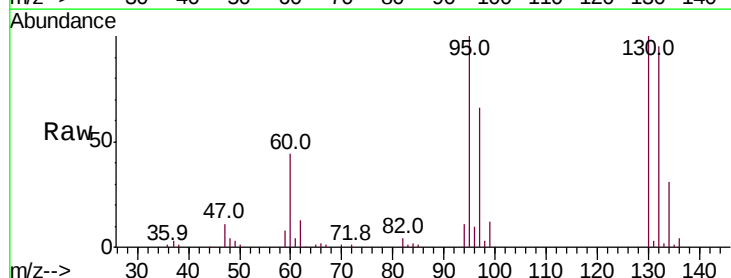


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

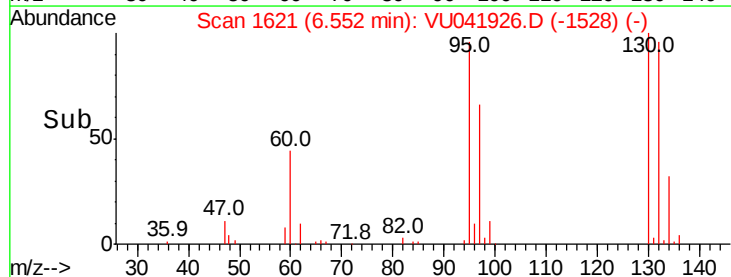
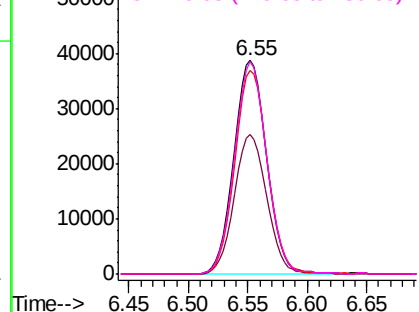


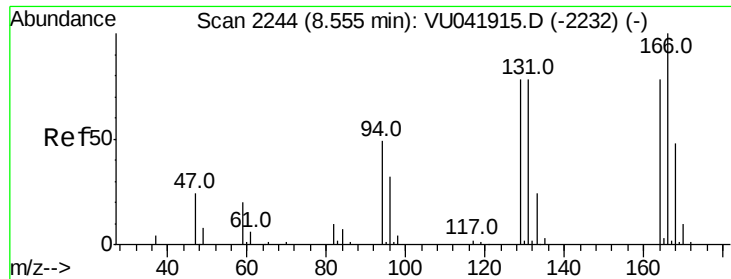
#34
 Trichloroethene
 Concen: 7.441 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041926.D
 Acq: 11 Jan 2021 17:30

Tgt Ion: 95 Resp: 74164
 Ion Ratio Lower Upper
 95 100
 97 65.6 45.2 84.0
 132 95.1 68.7 127.5
 130 99.6 68.0 126.4



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.514 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041926.D

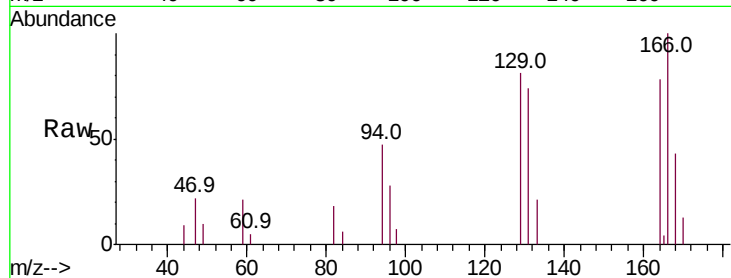
Acq: 11 Jan 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

BFXL9DL



Tot Ion:164 Resp: 3567

Ion Ratio Lower Upper

164 100

129 103.7 69.2 128.6

131 94.9 69.7 129.5

166 128.2 89.2 165.8

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

